

GRANDVIEW HEIGHTS SECONDARY

COURSE DESCRIPTION BOOKLET

2024 – 2025



WELCOME TO GHS ONLINE COURSE GUIDE

This Course Request book has been prepared to give students and their parents an **introduction to the courses available** at Grandview Heights Secondary. The course descriptions are general and do not outline the total content of each course. These descriptions are intended to guide both students and parents to the most suitable choices.

Effective course planning requires interaction between student, parent, teacher and counsellor. Each student should make sure that their plans have been thoroughly discussed with the counsellor and with parents or guardians.

It is imperative that students make good decisions regarding course selection. Both staffing and the school's timetable will be based on course selection requests. Course selection choices are considered a ten-month commitment as there is limited opportunity for change in September.

As you navigate our online course guide you can click links to where you want to go.

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Mr. D. Bedard
Principal



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COURSE OFFERINGS

GRANDVIEW HEIGHTS SECONDARY
2024-2025

DEPT	COURSE OFFERING	CODE	DEPT	COURSE OFFERING	CODE
BUSINESS ED	GRADE 8		LEADERSHIP	GRADE 9-10	
	Information & Communication Technology 8	MADCC08- -C		Leadership 9	XLEAD09- -S
	GRADE 9			PE Recreational & Health Leadership 10 (YL)	MPHED10LDY
	Entrepreneurship & Marketing 9	MADEM09- -S		Grade 11-12	
	Information & Communication Technology 9	MADIT09- -S	Leadership 11-12	YIPS-1B- -X	
	Media Arts 9	MADMA09- -S	LIBRARY SCIENCE	Grade 11-12	
	GRADE 10			Library Information & Literary Studies 11	
	Entrepreneurship & Marketing 10	MADEM10- -S	Library Learning Commons 12		
	Animation 10	MVAM-10- -S	STUDENT SUPPORT	Grade 8 - 12	
	Computer Studies 10	MCSTU10- -S		ELL Beginner & Developing (8-12)	
	GRADE 11		ELL Academic Language for ELL (10-12)		
	Accounting 11	MAC- -11- -S	MATH	Mathematics Overview	
	Marketing & Promotion 11	MMAP-11- -S		GRADE 8	
	Animation 11	MMEDD11- -S		Mathematics 8	MMA- -08- -S
	Computer Programming 11	MCMPR11- -S		GRADE 9	
	GRADE 12			Mathematics 9	MMA- -09- -S
	Accounting 12	MACC- 12- -S		GRADE 10	
	Financial Accounting 12	MFA- -12- -S		Workplace Mathematics 10	MWPM-10- -S
	Economics 12	MEC- -12- -S		Foundations of Math & Pre-Calculus 10	MFMP-10- -S
	Entrepreneurship 12	MECT-12- -S		GRADE 11	
	Animation 12 (Media Design)	MMEDD12- -S		Workplace Math 11	MWMP-11- -S
Computer Programming 12	MCMPR12- -S	Foundations of Math 11		MFOM-11- -S	
Business Computer Applications 12	MBCA-12- -S	Pre-Calculus 11		MPREC11- -S	
Digital Media Development 12	MDMD-12- -S	GRADE 12			
AP Economics 12	AMI-12- -S	Foundations of Math 12		MFOM-12- -S	
CAREERS		Apprenticeship Mathematics 12		MAPPR12- -S	
Career Education Overview		Geometry 12		MGMT-12- -S	
CO-OP Options 11/12 Overview		Pre-Calculus 12		MPREC12- -S	
GRADE 8 & 9		Calculus 12	MCALC-12- -S		
Career Education 8 & 9	MCE- -08- -Y	AP Calculus BC Yearlong	ACAL-2A- -F		
GRADE 10		AP Statistics 12	ASTA-12- -S		
Career Life Education (CLE 10)	MCLE-10- -S	MODERN LANGUAGES	Modern Language Overview		
GRADE 11/12			International Languages & Challenge Exams		
Career Life Connections 12 + Capstone	MCLC-12- -S		FRENCH		
Work Experience 12A & 12B	MWEX-2A- -S		French 8	MFR- -08- -S	
Career Life Connections Career Prep Program	PKG-12-WEX COOP		French 9	MFR- -09- -S	
Biochemistry Co-Op	PKG-12-SC COOP		French 10	MFR- -10- -S	
Humanities Adventure Co-Op VID	PKG-12-HUM COOP		French 11	MFR- -11- -S	
District Career Ed Academic Dual Credit			French 12	MFR- -12- -S	
GRADE 8			SPANISH		
Humanities 8 (English 8/Socials 8)	XHU- -08- -F		Spanish 9	MSP- -09- -S	
GRADE 9			Spanish 10	MSP- -10- -S	
English 9	MEN- -09- -S		Spanish 11	MSP- -11- -S	
GRADE 10		Spanish 12	MSP- -12- -S		
English 10 Overview		PEER TUTORING	Peer Tutoring 11	YIPS-1A- -S	
English 10 Composition	MCMP510- -S		Peer Tutoring 12	YIPS-2A- -S	
English 10 Creative Writing	MCTWR10- -S	MUSIC	PERFORMING ARTS		
English 10 Literary Studies	MLTST10- -S		Concert Band 8	MMU- -08CBY	
English 10 New Media	MNMD-10- -S		Concert Band 9	MMU- -09CBY	
English 10 Spoken Language	MSPLG10- -S		Concert Band 10	MMUCB10- -Y	
GRADE 11			Concert Band 11	MIMCB11- -Y	
English 11 Overview			Concert Band 12	MIMCB12- -Y	
English First Peoples 11 Lit Studies & Writing	MELFS11- -S		Jazz Band 8	MMU- -08JBX	
English First Peoples 11 Lit Studies & New Media	MELNM11- -S		Jazz Band 9	MMU- -09JBY	
English First Peoples 11 Lit Studies & Spoken Language	MELSL11- -S		Jazz Band 10	MMUJB10- -Y	
GRADE 12			Jazz Band 11	MIMJB11- -X	
English Studies 12	MENST12- -S		Jazz Band 12	MIMJB12- -X	
English First Peoples 12	MELNM12- -S		Choir 9	MMU- -09CHX	
AP 12 English Literature & Composition	AELC-12- -S		Choir 10	MMUCC10- -X	
English 12 Literary Studies	MLTST12- -S		Choir 11	MCMCC11- -X	
		Choir 12	MCMCC12- -X		
		DANCE	Dance 8 (Fine Arts Rotation)	MDNC-08- -C	
			Dance 9 Beginner	MDNC-09- -S-BEG	
			Dance 9 Intermediate	MDNC-09- -S-INT	
			Dance 10-12 Foundations: Beginner	MDCF-10- -S-BEG	
			Dance Technique & Performance: Intermediate	MDCF-10- -S-INT	
			Dance 10-12 Technique & Perform: Advanced	MDCF-10- -S-ADV	
			Dance Choreography 11-12	MDNC-10- -S	
			Dance Company 10-12 (X block)	MDNCM10- -X	

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At Grandview Heights, we believe that all students matter and are capable of success. Success at school requires regular attendance, proper planning and hard work. Organizational and time management skills also play a significant role in the level of success a student can achieve. A primary goal of our school is to prepare students with the ability to think creatively and critically, collaborate and problem-solve. In addition, we strive to continue the development of personal and social responsibility and to graduate all of our students with a sense of purpose, dignity and passion.

This online resource outlines the course choices that are offered to students at our school. Choosing wisely is dependent on many factors and involves the planning skills referred to above. Students must be aware of the requirements of the courses and the necessary skills required for a course. While it is advisable to keep one's options open it is also necessary to narrow the focus, at times, to ensure a manageable course load for students. Keep in mind that the choices made at the graduation program level (Grades 10-12) will impact on the path a student can follow after graduation.

Secondary students are encouraged to explore a variety of courses to discover where their interests and aptitudes lie. The choice of courses is a serious matter that requires thoughtfulness and is aided by discussions both at home and at school. Cooperation and support between home and school are necessary to ensure appropriate course planning and improving student learning.

We look forward to the contributions that each student will make to the culture of our school and are confident that your secondary school experience will be both enjoyable and rewarding here at Grandview Heights. Hopefully, this booklet will enable you to answer the questions you have about course selection.

Mr. Darren Bedard

MESSAGE FROM THE PRINCIPAL

GRANDVIEW HEIGHTS SECONDARY SCHOOL



STUDENT SUPPORT SERVICES

Counselling Services

Counsellors facilitate the educational, personal, social, emotional and career development of students in the school system.

Counsellors

- Provide information on graduation requirements, course selection, career planning and post-secondary information, as well as study and organizational skills.
- Meet with students for one-to-one or group counselling for such things as self-esteem, anxiety, grief, loss, friendship concerns, etc.
- Liaise with community members and refer students to appropriate agencies for additional counselling and support as needed.

Students may make an appointment with their counsellor during school hours, before or after school and at lunchtime. Parents are welcome to contact counsellors if they have any questions or concerns.

Learner Support Team

LST is a program that supports a diverse range of students with academic needs and chronic health conditions that impact school. The Learner Support Team works collaboratively and cooperatively with district personnel and school staff in delivering a range of supports to students with diverse learning needs. Students who receive LST support are identified through a Ministry of Education designation and/or a School Based Team referral.

At Grandview Heights Secondary, some of the services offered by the team include:

1. Creating and monitoring of Individual Education Plans/Student Support Plans
2. Collaborative consultation with classroom teachers regarding student supports and adaptations.
3. Small group pullout programs
4. In class support from LST Inclusive Education Support Worker or teacher placement
5. Drop-in support – the LST room is open every block for students. With the classroom teacher's permission, students can drop in and receive extra support with classroom assignments, assessments, and study skills.

English as a Language Learner

The purpose of this program is to enable students, whose first language is not English, to learn oral and written English so that they can participate in the regular school program. The ELL program helps to enable students to function more successfully in the culture of the school and the community. After each student has been assessed, they are assigned to an appropriate ELL class and/or regular classes depending on their English proficiency.



HOW TO USE ONLINE COURSE GUIDE

“Begin with the End in Mind”

Course selection time is an opportunity to continue thinking about the path you are taking towards graduation and beyond. As a secondary student, it is not expected that you will have all your plans written in stone, but it is important to research the opportunities that are appropriate for you. With that in mind, it is essential to select courses that will keep doors open.

Course selection is a process, and this Course Selection Book is one of the tools to help you select your courses. It is expected that you will also take the time to dialogue with your parents, teachers and counsellors about the courses you will select.

Further, it is expected that as a senior student you will also be consulting career facilitators and post-secondary calendars (available online) and websites (www.educationplanner.ca), ensuring that requirements are met for programs that you are interested in.

Factors to Consider in Making Your Decisions

As you consider your courses for next year, you should ask yourself:

1. What courses **MUST** I take for graduation?
2. What courses **MUST** I take to meet post-secondary and/or apprenticeship entrance requirements?
3. What courses **MUST** I take to prepare for the workplace?
4. What will be the total time demand of the courses I select?

Grandview Heights Secondary's course selection process provides an excellent opportunity for personal growth and for exercising decision-making skills. The staff at GHS look forward to helping you make the best-*informed* decisions possible.



GRADE 8 COURSE PLANNING

Grade 8 Students take the following required courses:

1. Humanities 8 (English and Social Studies)
2. Math 8
3. Physical and Health Education 8
4. Science 8
5. French 8 (consultation with Learning Support Teachers, counsellor and parents regarding language exemption)

And:

6. Fine Arts or Concert Band 8
7. Applied Design/Skills and Technologies Rotation

Considerations when selecting preferences for Grade 8:

- Selecting appropriate courses should be done in consultation with parents, counsellors, and teachers.

Courses with insufficient numbers of students will not be offered.

Fine Arts

During the course selection process incoming Grade 8 students will be asked to whether they would like to take band, or the fine arts rotation. Those students who take band will not be in the fine arts rotation.

Band

This course introduces students to the fundamentals of playing an instrument in a group. It is suitable for students who have previous musical experience and also for those who have never played an instrument before.

Fine Art Rotation:

1. Art

Students will be introduced to the elements and principles of design and a variety of media through drawing, painting and sculptural assignments using line, shape, texture, space, form, value and colour.

2. **Drama**

Students will be introduced to fundamental concepts of Drama including movement, voice, characterization, and improvisation. Emphasis will be on building confidence and developing cooperation skills.

3. **Dance**

In this course students will learn basic techniques from many styles of dance. The students will learn the importance of doing a proper warm-up and will be expected to dance every class. Students must come prepared each day with proper strip.

Applied Design/Skills Technology Rotation

All Grade 8s will take an applied design/skills technology rotation. This rotation may include:

Woodwork, Metal Work

Students will be introduced to a combination of Woodworking, Metal Design and/or Robotics through project work. This includes introductory woodcarving techniques, the use of robotics in industry and local context with user and autonomous control systems and metalwork techniques and processes using hand tools and power tools.

Home Economics

Students will be introduced to a combination of Foods and Fashion in this course. Students will learn to prepare foods that are fun, fast and fantastic and learn how to operate a sewing machine, care for garments and sew by hand.

After several hours in the Home Economics labs, we hope you'll agree that good nutrition is a wise choice. Some of the foods labs include muffins, cinnamon rolls, quesadilla, pizza, fruit or vegetable tasting and apple crisp. Students will explore where their clothing comes from and some of the social 8 environmental issues associated with the fashion industry.

Information Technology

Students will also explore computers and communication devices, digital literacy, media arts and basic business communication.



GRADE 9 COURSE PLANNING

Considerations when choosing courses for Grade 9:

- Selecting appropriate courses should be done in consultation with parents, counsellors and teachers.
- A language 11 course is required for direct entry into some universities; therefore, not continuing with a language 9 should be considered carefully.
- Grade 9s must complete an ADST (Applied Design Skills/Technologies) course as well as a Fine Arts elective. Students need a minimum of one other elective.
- Students wishing to take Jazz Band will be asked to sign up for jazz band on the portal. A jazz band student's elective selections could be concert band, an ADST, a language and then signing up for jazz band which would become their 9th course.

Courses with insufficient numbers of students will not be offered.

Grade 9 Students Take:

1. English 9
2. Social Studies 9
3. Math 9
4. Physical and Health Education 9
5. Science 9
6. Grade 9 Elective (ADST)
7. Grade 9 Elective (Fine Arts)
8. Grade 9 Elective

** See course selection sheet for all elective choices available on our [school website](#).

Note: Careers 9 will be delivered throughout the school year in various settings.



GRADE 10-12

Planning Three Year Grad Program

Important Information:

- Students must complete a total of 80 credits in their three-year grad program.
- Selecting appropriate courses should be done in consultation with parents, counsellors, and teachers.
- Admission to post-secondary education will require specific courses in your graduation program. Confirm with your specific institution that you meet their entrance requirements. (i.e., Foundations of Math vs Pre-Calculus vs Workplace). These requirements can also change year-to-year, ensure your information is current.
- Plan with “the end in mind”. If you have a career plan in mind already then look at a two-year plan (both grade 11 and 12) to ensure you complete all the courses necessary as well as ensuring a balance of courses throughout your two years. If you are unsure of your career path, ensure you take as many courses as possible that will leave the doors of opportunity open. To assist you with post-secondary planning refer to www.educationplanner.bc.ca or see your counsellor.

Grade 10	Grade 11	Grade 12
English 10	English First Peoples 11	English Studies 12
Math 10	Math 11	Grade 12 Elective
Social Studies 10	Social Studies 11 or 12	Grade 12 Elective
Science 10	Science 11	Grade 12 Elective
Career Life Education 10	Career Life Connections (Taken in Grade 11 or Grade 12)	Elective 10-12
Physical & Health Education 10	Elective 10-11	Elective 10-12
Elective 10	Elective 10-11	Elective 10-12
Elective 10	Elective 10-11	Elective 10-12
Grade 10 Numeracy Exam		Grade 12 Literacy Exam
Grade 10 Literacy Exam		

- * See course selection sheet for all elective choices on our [school website](#).
- ** One Elective in Grade 10, 11 or 12 must be a Fine Arts or Applied Skills course.
- *** New Ministry Requirement to have four (4) credits in Indigenous focused coursework.



GRADUATION REQUIREMENTS

In order to graduate with a Dogwood Diploma, every student in the 2018 Graduation Program has to pass certain basic courses, like English, Mathematics and Science. The table below is an overview of what you need to graduate:

- 52 credits from required courses;
- 28 credits from elective courses; and

Graduation requirements are introduced in your Career Life Education 10 class and the discussion is continued in Career Life Connections. For more help, talk to your teacher or school counselor, and refer to the Grad Planner for more details.

REQUIRED COURSES	Minimum Credits
Career Life Education	4
Career Life Connections	4
a Language Arts 10	4
a Language Arts 11	4
a Language Arts 12	4
a Mathematics 10	4
a Mathematics 11	4
a course from Arts Education OR Applied Design/Skills & Technology 10, 11 or 12	4
Social Studies 10	4
a Social Studies 11 or 12	4
Science 10	4
a Science 11	4
Physical Health and Education 10	4
Sub-total	52 Credits
ELECTIVE COURSES	
Students must earn at least 28 elective credits.	28 credits
Overall Total	80 CREDITS
Of the 80 credits for graduation, at least 16 must be at the Grade 12 level, including a Grade 12 English Studies course (other may be required or elective courses). Numeracy Assessment 10, Literacy Assessment 10, Literacy Assessment 12	

*** New Ministry Requirement to have four (4) credits in Indigenous focused coursework



BUSINESS EDUCATION AND INFORMATION TECHNOLOGY

BE Accounting 11

MAC- -11- -S



[COURSES](#)

Business Education

Recommended: NONE

This is an entry-level accounting course that will cover the fundamentals of accounting and basic bookkeeping concepts. This is a “must have” course for any student considering a career in Business. Whether you are going to run your own business or simply balance your cheque book, this course teaches you the skill set you need to succeed. Students will combine written applications and theory to ensure that they have a complete knowledge of basic accounting principles. Students will also have an opportunity to use the accounting software “Simply Accounting” or QuickBooks to record financial transactions and prepare general journals, ledgers, trial balances, balance sheets and income statements.

This course includes the following:

- Basic bookkeeping using Excel
- Accounting cycle
- Accounting equation
- Recording transactions
- Introducing financial statements
- Building trial balance, balance sheet and income statements

BE Accounting 12

MACC- 12- -S



[COURSES](#)

Business Education

Recommended: for grade 12 students or students that have taken Accounting 11

Accounting 12 requires the skills learned and mastered in Accounting 11. This is a course in applied accounting, reflecting current business practices and the financial needs of a business. Computer topics include recording financial transactions in general journals, ledgers, trial balances, income statements, worksheets, balance sheets, bank reconciliation statements, computer payroll and inventory and specialized journals. Accounting software “Simply Accounting” and QuickBooks will be used. Financial accounting is recommended for students wishing to pursue a career in accounting, finance, business management, or entrepreneurship, business administration or commerce. These concepts will encourage students to develop analytical skills, creative thinking, project-based management, decision-making and communications skills. If you plan on going into Commerce, this course is a must in your timetable!

This course includes the following:

- Advanced transactions and financial statements
- Building inventory systems and controls
- Specialized accounting journals
- Account reconciliation and adjustments
- Completing the accounting cycle
- Using Excel, Simply Accounting or Quick Books

BE Financial Accounting 12

MFA- -12- -S



[COURSES](#)

Business Education

Recommended prerequisite: Accounting 11 or 12

This course is intended for students who want to pursue post-secondary studies in a business program at universities or colleges and for those students who are simply interested in exploring the world of finance. It will provide some of the foundations for financial accounting, helping to not only understand a business' financial statements but also to use the financial information to analyze and assess the strengths and weaknesses of a business. Some of the concepts learned will include working capital, classifications of assets and liabilities, financial ratios, and industry standards. This will help the student to assess the short- and long-term health of a business, and develop powerful analytical, decision-making, and communication skills for use in their post-secondary programs and business careers.

BE AP Economics 12

AMI- -12- -S



[COURSES](#)

Business Education

Recommended: In grade 12 or grade 11 with teacher permission

AP Microeconomics is an introductory college-level microeconomics course. The course is intended to give students a thorough understanding of the economic principles that apply to the functions of individual decision makers, consumers and producers. Students will develop their understanding of these principles by using supply and demand graphs, charts, and data as they explore concepts such as scarcity, costs, benefits, production choices and behavior, market inefficiency and public policy. An emphasis will be placed on building analytical skills at the university level in order to create a solid foundation for higher levels of economic analysis.

Business Computer Applications 12

MBCA-12--S



[COURSES](#)

Business Education

This course provides a thorough exploration of the essential skills and tools required for creating and enhancing business documents. Participants will gain proficiency in a range of applications and techniques, fostering effective communication and professionalism in various business contexts. These skills are essential for Business Administration and Clerical work.

The course covers:

- E-mail Protocol and Etiquette
- Document Formatting Essentials
- Business Protocol and Formality in Documents
- Spreadsheet Fundamentals
- Database Design and Manipulation
- Presentation Software Skills
- Note-Taking and Management
- Business Communication Materials

BE Entrepreneurship & Marketing 9

MADEM09- -S



[COURSES](#)

Business Education

Recommended: NONE

Have you had an interest in starting up your own business? Learn about all the key facets of starting up and running a small business. Topics to be covered include determining products and/or services for your customers, doing research for store location, store design and layout. Students will learn promotional advertising, selling techniques, and keeping track of the businesses' money. This course is enhanced with field trips, guest speakers, simulation games, and involvement with the business community. This course is a must for students wanting to go into the business field and exploring all aspects of business so they may choose wisely what program they want in university.

BE Entrepreneurship & Marketing 10

MADEM10- -S



[COURSES](#)

Business Education

Recommended: Entrepreneurship & Marketing 9

This course is a continuation from Entrepreneurship & Marketing 9. Students will learn applied marketing concepts and theories using real business cases and scenarios. This is a hands-on project-based course where students gain experiential learning from their own design and marketing strategies. Students will look at market demands, product designs, manufacturing, sales, and distribution. This course is a good preparation for students taking senior business courses.

BE Marketing and Promotion 11

MMAP-11- -S



[COURSES](#)

Business Education

Recommended: NONE

Marketing and Promotion 11 gives students both fundamental business skills and practical work experience - both valuable tools needed to succeed in today's business world. This course provides an in-depth look into marketing and the retail world so students can learn to be wise consumers and savvy advertisers. Students will learn the fundamentals needed to market their own retail business while covering topics such as consumerism, 4 Ps of marketing, target markets, positioning and branding, trademarks and logos, surveys and data mining, public relations, advertising, and merchandising. At the same time, students will gain practical hands-on experience with a business, giving them a competitive advantage over their peers.

BE Economics 12

MEC- -12- -S



[COURSES](#)

Business Education

Recommended: NONE

Every society must find a way to meet the basic needs of its members for food, clothing and shelter, as well as provide for some of their many wants which bring comfort and pleasure into life. Each society must also choose how to use its limited natural, human and capital resources. Economics 12 is the study of how society attempts to deal with social and economic problems and issues. This course covers such topics as decision making, business organization, supply and demand, scarcity, and the stock market. These concepts will encourage students to develop analytical skills, creative thinking, project management, decision-making and communications skills. If you plan on going into the field of business, an understanding of economics is a must in your timetable! Note: This course satisfies some post-secondary requirements.

The course includes the following:

- Introduction to Microeconomics and Macroeconomics
- Economic principles for individual decision making
- Introduction to demand and supply curves
- Economic indicators and measures of gross domestic product
- Government policies
- Money market
- Canadian banking system

Note: This course satisfies some post-secondary requirements.

BE Entrepreneurship 12

MECT-12- -S



[COURSES](#)

Business Education

Recommended: NONE

All businesses begin with an idea. Entrepreneurs identify and explore opportunities, research the ideas, locate and organize resources, and begin to turn the idea into a reality. Entrepreneurship 12 helps students gain an understanding of the entrepreneurial spirit in the context of starting a small business. Topics include characteristics of an entrepreneur, types of businesses and ownerships, basics of marketing, trademarks and logos, laws and regulations, retail details, staffing and scheduling, franchises, and development of a business plan. Small businesses are the driving force behind Canada's economy. Entrepreneurship 12 provides students with the opportunity to learn valuable business skills and the essentials of a business plan while they are still in high school.

IT Media Arts 9

MADMA09- -S



[COURSES](#)

Information Technology

This “hands-on” program provides an opportunity for students to develop media production skills using various digital media applications for media production. Animation 9 (Media Arts 9) reflects the changing role of technology in today’s society and the increasing importance of digital media in communicating, storytelling and exchanging ideas. Animation 9 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through video production (both clay and drawing), graphic editing, 2D animation, web development, and much more. Come explore different manners of expressing your learning, come to the future.

IT Animation 10 (Media Arts)

MVAM-10- -S



[COURSES](#)

Information Technology

This course is designed as an intermediate course in animation. Students will study the personal, social, cultural and historical significance of graphic communications and create work that reflects an understanding of these contexts. They will learn the elements and principles of design and demonstrate their knowledge through both practical and written work. Students will use a variety of software to create their animations, demonstrating their knowledge of storyboarding, computer graphics and modeling, scriptwriting, character development, set design and the principles of cinematography. Students will reflect

on their own work and learn to critique the work of others. The course will culminate in a project that demonstrates their understanding of the principles of animation.

IT Animation 11 (Media Design)

MMEDD11- -S



Information Technology

Does “taking notes” in class mean constantly doodling and daydreaming about far-away fantasy worlds and colourful characters? Imagine creating characters and worlds as fantastic as your own imagination, and then bringing them to life. This hands-on course will introduce students to the art and mechanics of animation. Students will learn about stop-motion animation, hand-drawn animation, animation theory and history, 2D animation using Adobe Animate CC and 3D animation and modelling.

IT Animation 12 (Media Design)

MMEDD12- -S



Information Technology

Recommended: Animation 11

The hub of Canada’s dynamic CGI (computer generated imagery) industry is right here in Vancouver where highly profiled studios like Pixar and Sony Pictures recently joined an already robust network of independent studios. If you’re ready for one of the coolest career fields out there, this course is for you. Animation 12 is a self-directed course that allows you to further develop your skills in the exciting and creative world of animation and visual effects. This course suits students who enjoy animation, sketching/painting and storytelling, visual FX, and game design. Most of the course will consist of independent or self-proposed projects creating your own animated content and short films.

IT Information & Communication Technologies 8 – ADST (Rotation)



Information Technology

An introduction to using school computers and software to help students with school-based projects and using computers effectively.

Students will be able to explore a sample course for I.T.9 and Media Arts 9. This course covers keyboarding skills, simple web based and game coding, graphics drawing and design, and image editing.

IT Information & Communication Technologies 9

MADIT09- -S



Information Technology

Taking this course will assist you in developing your technology skills, which will be an advantage in today’s fast paced world. You will learn how to use Web tools, collaborate in a cloud environment, and programming and web development using HTML and CSS. You will gain an understanding of how computers work, from the inside out. You will also gain experience working with: Microsoft Office and the following Adobe Products (Photoshop, Illustrator and Animate). If you’re interested in keeping up with today’s technology and what it can do for you, then this is the class for you!

IT Computer Studies 10
Information Technology

MCSTU10- -S



Students will enhance their computer skills working with computer hardware, software and IOS apps. Working safely within Social Media platforms is explored. Students will learn copyright regulations, document sharing tools, and online presentation tools will assist them in their studies. Improvements will be noticed with advanced Internet searching skills, Prezi, Slide Speech, and advanced Spreadsheet knowledge. Introduction to programming will occur as well as learning of web design principles. Students will experience clay animation by using video editing software (Adobe Premiere, Adobe Animate, Adobe After Effects).

IT Computer Programming 11
Information Technology

MCMPR11- -S



This course is an introduction to programming allowing students to explore and see if programming is something they can pursue in post-secondary. Students will learn the fundamental concepts and terminology of software application development and develop skills in designing and writing simple computer programs. The course covers:

- Programming concepts and terminology.
- Read, trace and understand simple code.
- Write, test, and debug code to solve a simple problem.
- Building blocks of programming using Python.
- Create simple Python applications.
- Design Graphical User Interface.

IT Computer Programming 12
Information Technology

MCMPR12- -S



Recommended: Computer Programming 11

Computer programming 12 is a continuation of computer programming 11, covering topics such as data types, conditionals, arrays, loops, functions, algorithms and recursion etc. Many of the topics will be covered in the first two months of university, giving the student an advantage when first entering Computer Science. This course covers primarily Python, giving students some insight into the skills and common language sets for computer programming and game development. The course introduces programming using a graphics-based library. All the lessons are available online which allows students to work at their own pace and is a project-based course with an emphasis on problem solving and creativity. This is a good preparation course for post-secondary education in computer programming or computer science.

IT Digital Media Development 12
Information Technology – Video Production

MDMD-12- -S



Recommended: In grade 12 or grade 11

This course will provide students with an introduction to the world of digital media technology. This will be a hands-on project-based program that will deal with the theoretical and practical elements involved with the production of 2D, 3D graphics, and digital audio and video. Students will be experimenting, creating,

designing and producing projects within the vast field of media technology. This course will address the principles, concepts and use of technology as a form of communication all based within the context of media development and design. Students will develop skills and be confident users of software applications, visual and audio editing, and video production. There will be group projects as well as individual projects to encourage students to be independent thinkers as well as cooperative team learners.

CAREER EDUCATION



[COURSES](#)

Career Education

Career Education

Career development occurs from kindergarten through to Grade 12. Our focus at the secondary level is intended to provide students with classroom and “real-life” work experiences from which the students can identify their strengths, interests, and abilities. Skills such as conflict resolution, problem solving, relationship skills, and other facets associated with successful “team” work are entrenched within every career course. These “soft skills” paired with the work done on resumes, cover letters, interviews, etc., assist in preparing students for the transition from school to the world of work, or further training and education. In addition to providing a variety of programs the Career Development Department welcomes all students into the Career Resource Centre in room 123.

Career Programs provide students with the opportunity to participate in career-specific studies and related community-based work experience. They are geared to meet a wide range of learner needs from exploration of different careers, to preparation for further education and training in a career area, to providing specific career pathways.

Grandview Heights Secondary offers the following Career Program models:

- Co-op Programs
- Career Preparation Programs
- Head start Programs
- Academic Dual Credit Courses
- Youth Work in Trades (Apprenticeship students already working in a trade)
- Youth Train in Trades (District Partnership Programs with local post-secondary)

Career Centre

Career Education

In addition to providing a variety of programs, Careers welcomes all students into the Career Centre in room 123.

Some examples of the things found in the Career Centre are:

- Volunteer Opportunities · Post-Secondary Information
- District Initiatives · Career Counselling
- Work Experience Placements · Scholarships

Career Education 8 and 9

Career Education



[COURSES](#)

Grade 8 and 9 students will reflect on personal preferences and skills to help identify, and research various options and goals for their future. They will learn the value of work, as well as the effort and perseverance required to achieve one’s learning goals. Students will obtain credit for Careers 8 and 9 by participating in

school workshops, District and Ministry initiatives such as Take Our Kids to Work Day, assemblies, guest speaker presentations and classroom activities.

Careers Education 8 and 9 are non-enrolling courses. This means the curriculum is embedded in other courses.

Career Life Education 10 (CLE 10) (4 credits)

MCLE-10- -S



[COURSES](#)

Career Education

The aim of Career Life Education is to enable students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions, and take responsibility for pursuing their goals through life. It is important that students find a balance between work and personal life and its' essential to good physical and mental health. This course will explore how a network of family, friends and community members can support and broaden our career awareness and options. Learning how to learn prepares students to be lifelong learners who can adapt to changing career opportunities. Successful career and education paths require planning, evaluating, and adapting with the understanding that internal and external factors, as well as the global economy affects personal, social, and economic prospects.

Career Life Connections 12 (CLC 12) + Capstone Project (4 Credits)

MCLC-12- -S



[COURSES](#)

Career Education

Career Life Connections is a course designed specifically to give Grade 11 and 12 students time to critically think about and plan for their future after high school. This course supports students in the process of becoming successful, educated citizens by providing them with the opportunities to explore a variety of career pathways and options for their future. They will discover the bridge between classroom learning and workplace and post-secondary realities. This course celebrates each student through numerous learning experiences contributing to a significant demonstration of learning in their Capstone Project.

The Capstone Project is a culminating project that is completed in CLC 12 that allows students to demonstrate their learning through an area of their interests or passions. Students will design, assemble, and present to an audience. The exhibition will reflect their further education and or career by demonstrating personal learning and achievements (in and out-of-school), growth in the core competencies and a reflection on the post-graduation plan.

WORK EXPERIENCE 12A & 12B (WEX12A & WEX12B)

MWEX-2A—S



[COURSES](#)

(8 Credits - 4 credits per course)

Career Education

Work experience is intended to help prepare students for the transition from secondary school to the world of work or to explore a potential future career choice. It is an opportunity for students to apply classroom learning in a context outside of school and bring a new perspective to their learning. It also gives students a chance to gain new skills that can be used in future work opportunities. The 90-hour work experience placement(s) is part of every Co-op and Career Prep Program.

Co-operative Education students will have the same teacher, classmates, and classroom for all their courses for a semester. There will be some acceleration of class material while students are attending classes to accommodate for the time spent in the work experience components. Through Co-op education programs students can explore various careers and gain job readiness through their work experience. Programs offer a mixture of course work, career exploration, pre-employment training, skills enhancement, and work experience placements for credit towards graduation.

Co-op Options
Career Education



Please note that Biochemistry Co-op and Community Adventure Co-op are one (1) semester long with the same teacher (s).

CLC/WEX/Study Course is one (1) semester long but only during blocks C and D. The students will have a study during block D when the student is not out on work experience.

OPTION 1	OPTION 2	OPTION 3
Bio-Chemistry Co-op (20 credits)	Community Adventure Co-op (24 credits)	CLC/WEX Co-op (8 credits)
Teacher: Campbell	Teacher: Johnson/ Ewacha	Teacher: Roberts
Chemistry 11	Physical Geography 12	CLC 12/study
Anatomy and Physiology 12	Active Living 12	WEX 12A (1 st Work Experience)
Career Life Connections 12	Psychology 12	
WEX 12A (1 st Work Experience)	Career Life Connections 12	
WEX 12B (2 nd Work Experience)	WEX 12A (1 st Work Experience)	
	WEX 12B (2 nd Work Experience)	

Career Life Connections Career Prep Program
(CLC 12 + Work Experience 12A) (8 credits)
Career Education



This program helps students understand their personality and values and how it relates to their career choices. Time is given for researching post-secondary programs. The CLC 12 course develops short and as well as long term goals for their personal, educational and career aspirations. Professional communication is an integral part of the Work Experience 12A course. Resumes, cover letters and job interview skills as well as exploring the world of workers’ rights and responsibilities are covered by their WEX12A course. Students will complete an 80-hour work placement in an area of interest. Upon returning to their regular class, students will explore the affordability of post-secondary programs and understand sources of funding such as student loans and scholarships. Students will then complete their Capstone Project at the end of their Career Prep Program.

Biochemistry Co-op (20 credits)

PKG—12-SC COOP



[COURSES](#)

Career Education

[APPLICATION FORM](#) REQUIRED.

Students must be strong in both Math 10 and Science 10 and demonstrate maturity, independence, an excellent work ethic and problem-solving abilities. Students will need to complete the application form above and submit for review.

Students will be taking the following courses:

Anatomy and Physiology 12
Chemistry 11

Work Experience 12A
Work Experience 12B
Career Life Connections 12.

This program provides students the opportunity to explore a variety of science related careers through two, three-week work experiences. Recommendations from both Science and Math 10 teachers are mandatory. ADST graduation requirements will be met upon completion of the program. Application forms must be completed and returned to the Career Centre.

Humanities Adventure 12 Co-op (24 credits)

PKG—12-HUM COOP



[COURSES](#)

Career Education

[APPLICATION FORM](#) REQUIRED

Grade 11 and 12 students with a passion for exploring the world around them and engaging in healthy active living are encouraged to take part in this dynamic and adventurous co-op team taught by Ms. Johnson and Mr Ewacha.

Students will be taking:

Physical Geography 12
Active Living 11/12
Psychology 11/12

Career Life Connections 12
Work Experience 12A
Work Experience 12B

Students will participate in many field trips that will allow them to exercise and explore the world around them. Field trips may include hiking and kayaking in Whistler to golf, yoga and spin classes . They will also explore various career options by completing 2 - 3 week work experiences. ADST and CLC graduation requirements will be met upon completion of the program.

District Partnership Programs

Surrey Schools offers District Partnership Programs & Courses in collaboration with local post-secondary & training providers. Applications open in January of each school year. Visit the Career Centre to learn more!

Automotive Service Technician

Baking & Pastry Arts

Carpentry

**Collision and Refinishing
Common Core**

Construction Craft Worker

Culinary Arts

Drafting/CADD

Early Childhood Education

Electrical

Explorations in Aviation Careers

Partnership Programs



Dual Credit Courses Earn High School & Post-Secondary Credits

Hairstylist

Heavy Mechanical Trades Foundation

Horticulture

Inclusive Education Support Worker

Metal Fabrication

Millwright

Painter

Piping

Tah-tul-ut Indigenous Education Pathway

Welding

Youth Work in Trades

Criminal Justice Studies 1, Graphic Design, Headstart in Art, Intro to Health Science, Intro to Legal Office Procedures, Intro to Practice for Child and Youth Care Counsellors

ENGLISH

EN English 9 **Career Education** **English**

MEN- -09- -S



[COURSES](#)

Building on skills learned in Humanities 8, English 9 is a course designed to give students opportunities to explore poetry, short stories, novels, plays, and other texts, while developing their reading, writing, thinking, and speaking skills. Students will be able to express their learning in a variety of ways including formal and informal writing, speaking, problem solving, and co-operative projects.

ENGLISH 10 OVERVIEW **English**



[COURSES](#)

In grade ten students will take English 10 Composition and choose one of the following options:

- English 10 Creative Writing
- English 10 Literary Studies
- English 10 New Media
- English 10 Spoken Language

In every course, students will read, write, and speak. They will learn literary devices, writing and thinking strategies, and text features in order to develop skills in comprehension and communication and work to meet the English Language Arts curricular competencies outlined by the ministry of education.

EN English 10 Composition **English**

MCMP510- -S



[COURSES](#)

English 10 Composition is a course designed for students interested in developing their writing skills. Areas of exploration include the writing process, writing styles (descriptive, narrative, expository, persuasive), and the process of revision. The course provides opportunities for diverse learners to develop and refine their writing skills.

EN English 10 Creative Writing **English**

MCTWR10- -S



[COURSES](#)

English 10 Creative Writing is a course designed for students who have an interest in creative writing and language. The course provides students with opportunities to explore their imaginations and artistry through the creation of original texts. Students will explore their identities through the study of memoir, short stories, poetry, novels, and plays.

EN English 10 Literary Studies
English

MLTST10- -S



English 10 Literary Studies is a course designed for students who have a love of reading, a desire to think deeply about text, and willingness to share their thinking. The course provides students with opportunities explore and analyze a wide variety of texts and create links between the texts and themselves, find connections to other texts, and parallels to the world in which they live.

EN English 10 New Media
English

MNMD-10- -S



English 10 New Media is a course designed for students who are interested in exploring the intersection of text and media, and how the changing role of technology in today's society is impacting how we communicate and exchange ideas. Students will explore how media can shape identity and influence how we tell stories.

EN English 10 Spoken Language
English

MSPLG10- -S



English 10 Spoken Language is a course designed for students who want to explore how language can be used effectively to share stories and ideas. Students will explore ways to become more confident and successful communicators, discover how language can be used to shape identity, and how language can be used to influence others.

EN English 11 OVERVIEW
English



In English First Peoples 11, students have three course options. Every grade eleven student at Grandview Heights will be required to choose one of the following options:

- English First Peoples 11 Literary Studies + New Media
- English First Peoples 11 Literary Studies + Spoken Language
- English First Peoples 11 Literary Studies + Writing

In every class, students will be expected to read, write, and speak. Students will learn literary devices, writing and thinking strategies, and text features in order to develop skills in comprehension and communication and will work to meet the English Language Arts Curricular Competencies outlined by the ministry of education.

EN English First Peoples 11 Literary Studies + Writing MELFS11- -S
English



English First Peoples 11 Literary Studies provides students with opportunities to delve deeply into literature with an Indigenous focus. Students will learn how to think critically about texts and make connections to

broaden their world views and perspectives to become engaged citizens. Some areas of exploration may include, but are not limited to, the investigation of specific themes, periods, authors, and genre.

English First Peoples 11 Writing provides students with opportunities to develop academic and creative writing skills. Students will learn the various styles of writing, engage in the writing process, and learn techniques for revision. Some areas of exploration may include, but are not limited to, formal writing (expository and persuasive), informal writing (descriptive and narrative), and research papers.

Students will be expected to engage in class discussions of the course materials.

EN English First Peoples 11 Literary Studies + New Media

MELNM11- -S  [COURSES](#)

English

English First Peoples 11 Literary Studies provides students with opportunities to delve deeply into literature with an Indigenous focus. Students will learn how to think critically about texts and make connections to broaden their world views and perspectives to become engaged citizens. Some areas of exploration may include, but are not limited to, the investigation of specific themes, periods, authors, and genre.

English First Peoples New Media 11 provides students with opportunities to explore the power of media and its role in influencing our everyday lives. Students will learn to identify bias, assess the relevance and accuracy of various medias, and develop critical thinking skills. Some areas of exploration may include, but are not limited to, the history of media, the role of the digital citizen, the differences between social and mass media, and different types of media.

Students will still be expected to produce formal and informal writing and engage in discussions of the course material.

EN English First Peoples 11 Literary Studies + Spoken Language

MELSL11- -S  [COURSES](#)

English

English First Peoples 11 Literary Studies provides students with opportunities to delve deeply into literature with an Indigenous focus. Students will learn how to think critically about texts and make connections to broaden their world views and perspectives to become engaged citizens. Some areas of exploration may include, but are not limited to, the investigation of specific themes, periods, authors, and genre.

English First Peoples 11 Spoken Language provides students with opportunities to engage with language and focus on oral communication skills, which will build confidence in public speaking. Students will learn to create and share original pieces of work and how to develop communication and leadership skills. Some areas of exploration may include, but are not limited to, First Nations oral traditions, storytelling, debates, speeches, dramatic performances, and presentations.

Students will be expected to produce formal and informal writing.

EN English Studies 12
English

MENST12- -S



English 12 is a course designed to practice and refine the reading, writing, speaking, and thinking skills that students have been developing throughout their time in high school. Students will engage with story and text, and work to deepen their understanding of themselves and the world in which they live. English 12 is a graduation requirement.

EN English 12 Literary Studies (elective)
English Elective

MLTST12- -S



English 12 Literary Studies is designed for those students who are passionate about reading and exploring text. Students will have opportunities to delve deeply into texts that range from ancient epic poetry and myths to modern stories, all the while working to form an understanding of how literature is able to reflect the turmoil and triumphs of the human experience. English 12 Literary Studies is an elective course and **cannot** be used as a replacement for English 12 but can be used as an additional grade twelve credit.

EN English First Peoples 12
English

MENFP12- -S



English First Peoples 12 provides students with opportunities to delve deeply into literature with an Indigenous focus and is “grounded in the First Peoples Principles of Learning” (Ministry of Education). This lens will allow us to broaden our world views and perspectives, deepen our understanding and knowledge about First Peoples in Canada, work towards reconciliation, and become engaged citizens. The course will focus on “the experiences, values, beliefs, and lived realities of First Peoples”, while we will work to develop and strengthen our reading, writing, speaking, and critical thinking skills.

EN AP English Literature & Composition
English (Year Long course)

AELC-12- -S



Required: Two recommendations from two prior English teachers

This course is designed to reflect an introductory college/university level literature and composition course. This course will be an intensive academic course, and students will be expected to do a considerable amount of reading and writing. Students taking this course should love reading and must be willing to read numerous classic and contemporary texts from diverse time periods and cultures. Many of these texts are complex and sophisticated literary works. Building on previous English courses, students will learn to delve even more deeply into literature, and learn skills to better analyze and interpret short and long fiction, poetry, and drama. Students will also hone their writing skills in developing a thesis, supporting literary argumentation, and refining other essential academic writing skills. Students taking this course should demonstrate maturity, independence, and a strong work ethic, and must commit to a considerable amount of reading and writing. There is a course fee attached to this course to cover the cost of the exam in May. Students have the opportunity to receive post-secondary credit depending on their

level of success in the examination. It is recommended that students read a couple key literary texts during the summer before they take this course in September.

HOME ECONOMICS

HE Foods 8 (ADST Rotation)

Home Economics



[COURSES](#)

This course is designed to give you an introduction and some basic practical experience in tasty and nutritious food preparation. You will learn the theory behind successful food preparation techniques and meal planning, as well as some handy nutrition and consumer tips. In addition, you will gain valuable skills in time management, group cooperation, individual responsibility and be provided opportunities for creative applications and critical examination from global perspectives.

- There may be an enhancement fee for this course.

HE Food Studies 9

Home Economics

Recommended: None

MADFS09- -S



[COURSES](#)

In this course students will explore recipes from A to Z: from appetizing snacks to meals with zest, you will learn to understand and enjoy the foods of today through planning, purchasing, preparing, and presenting. Students will realize personal food needs and ethical issues, establish good eating habits, and become more competent and creative in food preparation. Skills learned may be applied to careers in food services, health care and hospitality, as well as everyday living.

- There will be an enhancement fee for this course.

HE Foods and Fashion 9

Home Economics

Prerequisites: None.

Semester 8 elective credits

PKG--09-FDS FASH



[COURSES](#)

Welcome to Foods and Fashion, an innovative Grade 9 course that seamlessly blends the culinary delights of Foods 9 with the creative artistry of Textiles 9. In this unique exploration, students will embark on a culinary and textiles journey that combines the joy of cooking with the satisfaction of sewing functional pieces.

Culinary Arts Component - Inspired by Foods 9:

In the culinary arts section, inspired by Foods 9, students will embark on a culinary journey exploring recipes from A to Z. From tantalizing snacks to zestful meals, students will not only master the art of cooking but will also gain an understanding and appreciation for the foods of today. Emphasizing planning, purchasing, preparation, and presentation, this component equips students with practical skills applicable to careers in food services, health care, hospitality, and everyday living. Ethical considerations and the cultivation of good eating habits will be woven into the curriculum, encouraging students to become both competent and creative in their food preparation endeavors.

Fashion Component - Inspired by Textiles 9:

The “fashion” component draws inspiration from Textiles 9, aiming to provide students with practical, hands-on learning experiences to produce usable products. Whether you're a beginner or an experienced sewer/crafter, this segment of the course offers a dynamic opportunity to refine

skills in fabric selection, design principles and construction of an apron, lunch bag and reusable tote bag.

Throughout this journey, you'll delve into the basics of using a sewing machine, gain expertise in fabric selection and preparation, and explore the nuances of product design and simple quilting. An exciting dimension to this creative process involves integrating technology to personalize your creations with techniques like heat transfer vinyl or embroidery.

As we unravel the fabric of this subject, we'll also delve into critical discussions surrounding social and environmental concerns linked to the textiles industry.

Prerequisites:

No prior experience is required; however, a passion for creativity, an openness to explore new concepts, and enthusiasm for hands-on learning are essential for success in Foods and Fabric. There is an enhancement fee for each course that covers specialty ingredients, the use of basic tools, notions and some fabrics. Students are responsible for purchasing patterns, fabric, and supplies for projects.

HE Food Studies 10

MFOOD10- -S



Home Economics

Recommended: None

From appetizers to desserts, take a culinary journey through a menu! We will explore food systems, reduction of food waste, environmental impacts of food production, and establishing positive relationships with food through various appetizers, entrees, and desserts. We'll look at both local/Canadian food trends as well as global influences. Try your hand at the Great Grizzly Cake-Off, will your group prepare the winning layer cake? This course meets the Fine Arts/Applied Skills graduation requirement.

- There may be an enhancement fee for this course.

HE Food Studies 11

MFOOD11- -S



Home Economics

Recommended: Food Studies 9 or 10

The theme of this course is From Farm to Table. We will discover foods that are locally grown, eat our way through the seasons and build skills in planning, preparing, and presenting food products. Be prepared to execute a multi course meal, create your own recipes and inspire your peers with your own culinary demonstrations. This course meets the Fine Arts/Applied Skills graduation requirement.

- There will be an enhancement fee for this course.

HE Food Studies 12

MFOOD12- -S



Home Economics

Recommended: Food Studies 10 or 11

The goal of this course is to provide you with the opportunity to develop skills that have immediate relevance and lifelong application to you personally, within your family, in your community and on a global

scale. In this course you will have both theoretical and practical opportunities to: explore food's journey from farm to table, learn advanced principles and food preparation techniques, develop skills to reduce food waste and environmental impact, investigate factors that influence food choices, evaluate nutrition knowledge to enhance one's health and well-being, and gain appreciation for flavours, aromas, cooking techniques, and cultural traditions of world cuisines including food choices and traditions from Canadian culture. This course meets the Fine Arts/Applied Skills graduation requirement.

- There will be an enhancement fee for this course.

HE The Geography of Foods 11

PKG—11-GEO FOODS  [COURSES](#)

Home Economics

Recommended: Social Studies 9

Food! We all talk about it; we all need it, and we all eat but where does our food come from? What issues influence food production and how we get our food? How do our eating habits play a role in global issues? If you want to explore the answers to these questions and get your hands dirty growing and cooking your own food, then The Geography of Foods is the course for you! Join Mr. Ewacha and Ms. Jenkins as they team teach this linear course that will include field studies to local farms, restaurants, and an overnight trip. Gain hands on learning in both the school garden and the foods labs while creating delicious farm-to-table dishes. Students in this course will receive credit for both Physical Geography 12 and Food Studies 11, meeting their Social Studies and Fine Arts/Applied Skills graduation requirements.

There will be an enhancement fee for this course as well as field study costs. Fees to be determined.

HE Baking and Entrepreneurship 12

YHEC-2A- -S-BAKING  [COURSES](#)

Home Economics

Recommended: Food Studies 10 or 11

From cookies to croissants to confections, come explore the sweet (and savoury!) world of baking and pastry! Students will cover advanced techniques with both theoretical and practical applications in baking and pastry, in the context of a BakeShop. Students will gain insight into owning a bakery, including product development, market research, costing, and marketing via social media. You will have the opportunity to design products and recipes that would sell in your potential bakery. This course meets the Fine Arts/Applied Skills graduation requirement.

- There will be an enhancement fee for this course.

HE Textiles 8 (ADST Rotation)

 [COURSES](#)

Home Economics

The goal of this course is to introduce students to sewing basics, the use of a sewing machine and related sewing equipment and supplies. Time permitting, we will also explore other textile mediums such as, crochet, cross-stitch, embroidery, macrame, fabric painting etc. Students will use creative thinking and planning as well as learn the skills involved in producing simple and useful textiles projects.

- There is an enhancement fee for this course which includes fabric and supplies for one project.

HE Junior Textiles 9/10

Home Economics

MADT-09- -S
MTXT-10- -S



[COURSES](#)

Design your own tote bag, sew a hoodie, and create a personalized logo/image for it! Or try your hand at macrame, crochet or embroidery! The goal of this course is to provide you with practical, hands-on learning experiences to produce usable products and develop your home craft and sewing skills. Whether you are a beginner or an experienced sewer/crafter, you will learn and refine skills that will have immediate relevance and lifelong application.

- There is an enhancement fee for this course that covers the use of basic tools, notions and some fabrics. Students are responsible for purchasing patterns, fabric, and supplies for projects.

HE Textiles And Textile Crafts 10-12

MTXT-10—S, MTXT-10CRS, MTXT-11—S, MTXT -12- -S, YHEC-1D—S, YHEC-2D- -S

Home Economics

Recommended: None



[COURSES](#)

Unlock Your Creativity in Senior Textiles: From Fashion to Home Decor and More!

Are you ready to embark on a textile arts journey that extends beyond the realm of clothing? Whether you are passionate about crafting your own wardrobe, creating unique outfits for your furry friends, or transforming your living space with captivating home decor, Senior Textiles is the perfect course for you.

In Senior Textiles, we dive into the fundamentals of sewing, gaining confidence in construction methods using both a sewing machine and a serger. Beyond the basics, we explore the dynamic intersection of textiles and society, delving into global issues within the textile and apparel industry. The world of fibers unfolds before us, revealing a rich tapestry of techniques such as quilting, knitting, crocheting, felting, textile dying, rug making, embroidery, macramé, and much more.

Whether you're a novice or a seasoned sewer, this course invites you to proudly declare, "I made this!"

Embrace the opportunity to embark on two substantial projects tailored to your skill level, engage in a repurpose/upcycle endeavor, and construct smaller projects throughout the semester.

Please note that students are responsible for acquiring patterns, fabric, and supplies. Additionally, a small enhancement fee ensures a vibrant and enriching learning experience in this diverse and hands-on course.

HUMANITIES

HU Humanities 8

Required Course



[COURSES](#)

The goal of Humanities is to develop thoughtful, responsible active citizens who can acquire information to consider multiple perspectives and make reasoned judgment. Humanities 8 blends Language Arts (English) and Social Studies into one *hybrid* course using the skills and strategies of reading and writing. Students will study the literature, history, religion politics, economics, art and geography of human societies from 500 to 1500 and the present. Students will also learn how different societies have preserved identity, the importance of world religions and the impact of technological innovation and science on cultures.

LEADERSHIP

Leadership 9 (4 credits)

Career Education

XLEAD09- -S



[COURSES](#)

Participation in this course will be based on teacher recommendation.

This course offers students the chance to learn and practice leadership skills. Topics to be covered include organizational skills, communication skills, leadership styles, event planning, motivation, and group dynamics. The curriculum will vary according to the need and the abilities of the group. There are opportunities to be involved in many community and school events.

PE Physical Education Recreational and Health Leadership 10 Yearlong

Physical Education/Leadership

Recommended: Teacher Approval

PKG--10-PE LEAD



[COURSES](#)

The purpose of this course is to enable students to develop leadership skills and abilities through a variety of school based and community-based experiences while they complete PE 10. Part of this course will include officiating (volleyball and basketball), first aid, and taping. In addition, students will be involved in the organization and running of lunch time intramurals. There will be both a theoretical and practical component. Students should understand that there is an expectation that there will be involvement in activities that may take place outside regular school hours.

Leadership 11/12 (X-Block - 4 credits)

Career Education

YIPS-1B- -X

YIPS-2B- -X



[COURSES](#)

Leadership 11/12 will offer GHS students the opportunity to further develop leadership skill through a variety of in-school and out-of-school experiences. Collaborating with the existing leadership groups in the school, students will continue to learn the skills of effective leaders. This course is intended to be student

driven. The direction of the course and the productivity of the group will be dependent on each member's participation and input. The success of the course and our year as leaders at Grandview Heights Secondary will be dependent on what students as individuals and as a group are willing to invest. The course will run as an "X" block" where students will meet once a week in lieu of their commitment to extra-curricular activities. They will oversee and help run our athletic and intramural programs. We want students that are passionate about making a difference at GHS and willing to create a positive culture.

LIBRARY SCIENCE

Library Information and Literary Studies 11

YCAIS1A--S



[COURSES](#)

Library

This course provides students with an in-depth study of the role of the Learning Commons as the learning center of the school as it supports all members of the school community. Through supported inquiry, students will develop and practiced their trans literacy skills and promote them to the school community in various ways. Students will develop their ability to promote and support access to the Learning Commons resources, services and programs not only to their peers but to all members of the school community.

Note: Students must receive written permission from the GHS Teacher Librarian to take this class

Library Learning Commons 12

YCAIS2A--S



[COURSES](#)

Library

This course provides students with the opportunity to refine their understanding of the role of the Learning Commons in a school setting through free inquiry. Students will develop the skills and maturity to learn independently as they work towards a meaningful and unique inquiry goal. This course will give students learning opportunities to further develop the trans literacy skills necessary in a rapidly changing society and work on inquiry research that will support students' lifelong learning.

Note: Students must receive written permission from the GHS Teacher Librarian to take this class

ENGLISH LANGUAGE LEARNER (ELL)

ELL Beginner and Developing ELL for Grades 8-12



[COURSES](#)

LST

Recommended: Determined by district testing process and/or instructor

These courses are designed to develop the language skills students need to navigate daily life in a new country through themes relevant to new Canadian youth and International students; for example, entertainment, sports, home life, work life etc. Students will also build the foundations of academic speaking, listening, reading, writing and vocabulary skills through the study of beginner and developing levels of English literature, Social Studies, and Science.

Note: Students may be enrolled in multiple blocks of this class.

ELL Academic Language for ELL Grades 10-12 (BAA)



[COURSES](#)

LST

Recommended: Determined by district testing process and/or instructor

These courses are designed for English Language Learners (ELL) who have made some progress in developing their Basic Interpersonal Communication Skills and are ready to more intently and explicitly begin developing academic English.

Note: This is a four credit course for gr.10-12 students.

MATH

MATHEMATICS OVERVIEW

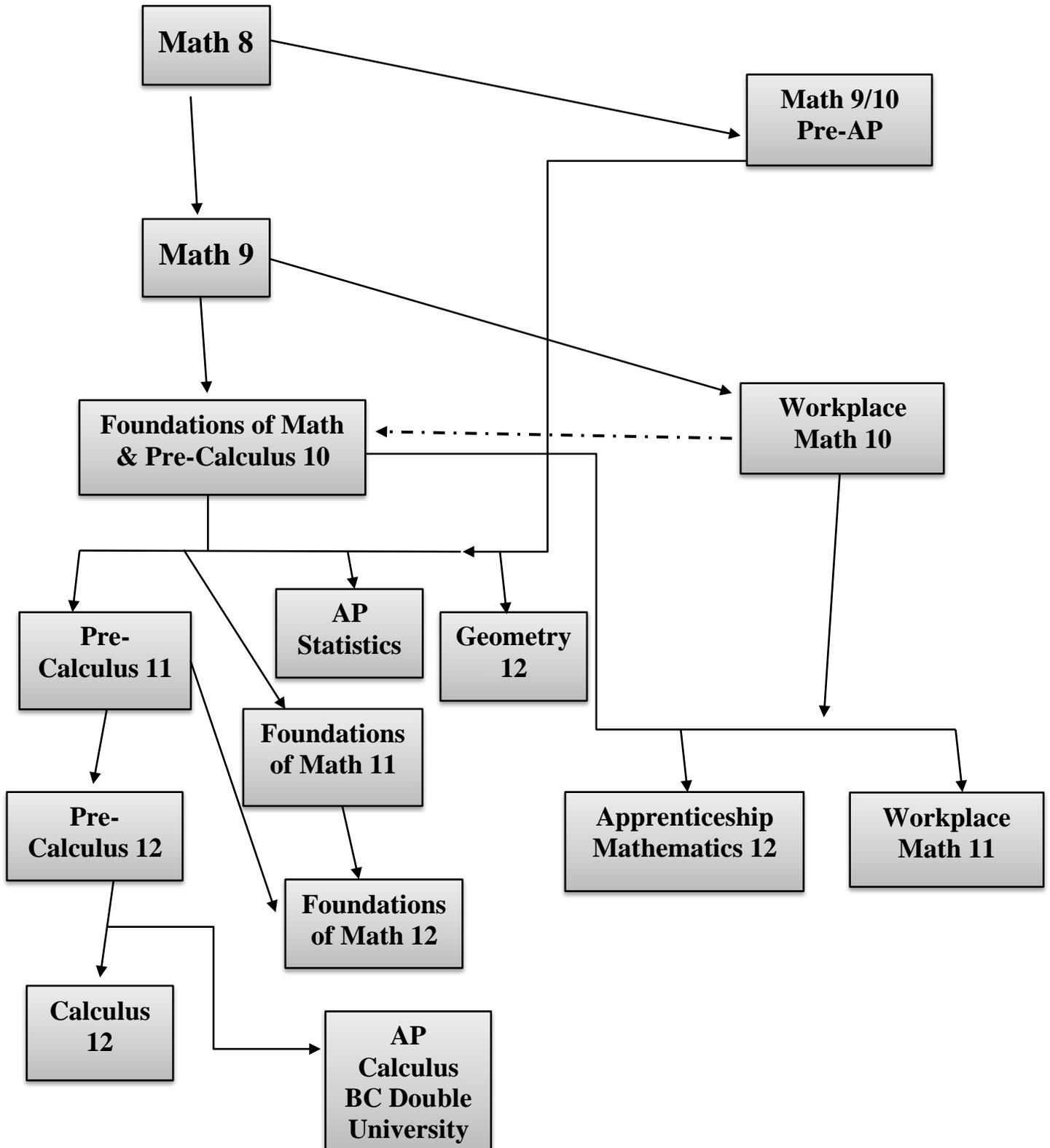


Mathematics in high school will continue to foster student’s growth in developing the skills/competencies of being a mathematician.

<p><i>Reasoning and analyzing</i></p> <ul style="list-style-type: none">• Use logic and patterns to solve puzzles and play games• Use reasoning and logic to explore, analyze, and apply mathematical ideas• Estimate reasonably• Demonstrate and apply mental math strategies• Use tools or technology to explore and create patterns and relationships, and test conjectures• Model mathematics in contextualized experiences	<p><i>Understanding and solving</i></p> <ul style="list-style-type: none">• Apply multiple strategies to solve problems in both abstract and contextualized situations• Develop, demonstrate, and apply mathematical understanding through play, inquiry, and problem solving• Visualize to explore mathematical concepts• Engage in problem-solving experiences that are connected to place, story, cultural practices, and perspectives relevant to local First Peoples communities, the local community, and other cultures
<p><i>Communicating and representing</i></p> <ul style="list-style-type: none">• Use mathematical vocabulary and language to contribute to mathematical discussions• Explain and justify mathematical ideas and decisions• Communicate mathematical thinking in many ways• Represent mathematical ideas in concrete, pictorial, and symbolic forms	<p><i>Connecting and reflecting</i></p> <ul style="list-style-type: none">• Reflect on mathematical thinking• Connect mathematical concepts to each other and to other areas and personal interests• Use mathematical arguments to support personal choices• Incorporate First Peoples worldviews and perspectives to make connections to mathematical concepts

It is expected that all students complete each grade level of mathematics to grade 11 and receive

ministry credit. (it is possible for a student to graduate with a grade 11 or 12 math credit however most colleges and universities require a grade 11 course grade as well as grade 12 in some instances) If students coming from elementary have credit from their school, through Challenge or MACC or in arrangement with their teacher, they may accelerate to grade 9, if not there will be an opportunity to do so in grade 9 in a combined class covering both math 9 and 10.



MA Mathematics 8

Math



The seven years of elementary school provide students with a solid foundation in the basic concepts of arithmetic, providing a basis for success in high school mathematics programs. Math 8 will continue the building of the 4 curricular competencies of mathematicians from elementary school: Understanding and Solving, Communicating and Representing, Reasoning and Analyzing, and Making Connections and Reflecting. Students will work on the 5 Big Ideas:

- Numbers can describe quantity in interrelated ways
- Computational fluency allows flexibility in working on problems
- Linear relationships can be represented in many connected ways to show relationships
- Surface Area and Volume can measure and describe 3D shapes
- Analyzing data using averages can help us make sense of that data

MA Mathematics 9

Math

MMA- -09- -S



Recommended: Successful completion of Math 8 ((minimum Proficiency of Developing is recommended)

This is an academic course designed to expand on the work on the curricular competencies of mathematicians from grade 8 through working with the following 5 Big Ideas:

- Principles underlying operations with numbers can be extended to algebra
- Computational Fluency is extended to rational numbers
- Continuous linear relationships allow generalizations in many applications
- Similar shapes have proportional relationships
- Analyzing the validity, representation and reliability of data helps us to compare and interpret

MA Foundations of Mathematics and Pre-Calculus 10

Math

MFMP-10- -S



Recommended: Successful completion of Math 9 minimum Proficiency of Developing is recommended)

This is an academic course designed to expand on the five major strands of mathematics. This course will prepare students for further study in Mathematics and Science. Students will continue to work on the curricular competencies while learning about the following big ideas:

- Algebra allows us to generalize relationships through abstract thinking
- The meanings of, and [connections](#) between, each operation extend to powers and polynomials.
- Constant rate of change is an essential attribute of linear [relations](#) and has meaning in different representations and contexts.
- Trigonometry involves using [proportional reasoning](#) to solve [indirect measurement](#) problems.
- Representing and analyzing [situations](#) allows us to notice and wonder about relationships.

MA Workplace Mathematics 10

MWPM-10- -S



[COURSES](#)

Math

Recommended: Successful completion of Math 9

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability.

MA Workplace Mathematics 11

MWMP-11- -S



[COURSES](#)

Math

Recommended: Successful completion of Workplace Math 10

This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post-secondary and for direct entry into the work force. Topics include surface area, volume & capacity measurement, trigonometry, 3D objects, numerical puzzles, finance, algebra (formulas, slope and unit analysis), and graphs of data.

MA Foundations of Mathematics 11

MFOM-11- -S



[COURSES](#)

Math

Recommended: Successful completion of Foundations Math & Pre-Calc 10 (minimum 67% is recommended)

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus, such as Economics, Geography, Psychology, Criminology, Arts or Humanities. Topics include measurement (rates & scales), geometric reasoning (angles and triangles), non-right triangle trigonometry, logical reasoning, spatial puzzles, statistics (normal distribution, interpretation of statistical data), 2-variable linear inequalities, quadratic functions, and history of mathematics.

MA Pre-Calculus 11

MPREC11- -S



[COURSES](#)

Math

Recommended: Successful completion of Foundations of Math & Pre-Calc 10 (minimum 75% is recommended).

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus, such as Sciences or Engineering. Topics include expressions and equations (radical, rational), trigonometry (angles in standard position, non-right triangles), quadratic functions and equations, systems of equations and inequalities (including quadratic).

MA Advanced Placement Statistics 12

ASTA-12- -S



Math

Recommended: Successful completion of grade 10 Foundations and Pre Calculus plus the recommendation of a math teacher.

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

This course has a fee attached to pay for the AP examination which takes place in May. Students have the opportunity to receive post secondary credit depending on their level of success in the examination. Students taking AP courses must be prepared to work at an accelerated pace in class and spend time at home reflecting on and practicing the concepts learned.

MA Foundations of Mathematics 12

MFOM-12- -S



Math

Recommended: Successful completion of Foundations of Math 11 (minimum 67% is recommended)

This is a continuation of Foundations 11. This course is designed for studies in Economics, Geography, Psychology, Criminology, Arts or Humanities. This is a more applied math course with topics relating to situations and data in the world around us. Students will learn to use technology to model the data and make predictions about future results based on those models.

MA Apprenticeship Mathematics 12

MAPPR12- -S



Math

Recommended: Successful completion of a Grade 10 Math Course

This course is eligible for graduation credit, in place of Workplace Math 11. This course is designed for those students wishing to work in trades.

MA Geometry 12

MGMT-12- -S



Math

Recommended: Successful completion of a Grade 10 Math Course

From Euclid's Element to Dynamics and Chaos, from points and lines, congruent and similar triangles, to cyclic quadrilaterals, from deductive reasoning to rigorous proof, and from Pythagorean to Menelaus theorem, "There is geometry in the humming of the strings, there is music in the spacing of the spheres".

MA Pre-Calculus 12

MPREC12- -S



[COURSES](#)

Math

Recommended: Successful completion of Pre-Calculus 11 (minimum 70% is recommended)

This is an advanced academic course elective designed for motivated students who plan on attending college or university with further studies in Science, Mathematics and Engineering. Students may not take this course without having completed Pre-Calculus 11. Students will continue as in all courses to work on the curricular competencies of becoming a stronger mathematician. Pre-Calculus 12 has a large focus on algebra and graphing functions. There is a considerable increase in the volume of material in the grade 12 class and students must be prepared to work on the content at home for practice as well as in class.

MA Calculus 12

MCALC-12- -S



[COURSES](#)

Math

Recommended: Must have completed Pre-Calculus 12 (minimum 73% is recommended)

This is an academic elective course for motivated students who enjoy math and are planning on attending college or university to pursue studies in Science, Mathematics or Engineering. Students will engage in activities involving differentiation and integration and will follow the Ministry guidelines.

MA AP Calculus BC Year Long

ACAL-2A- -F / MCALC12- -S



[COURSES](#)

Math

Required: Completion of Pre-Calculus 12 (minimum 75% or better)

The AP BC Curriculum covers both differential and integral calculus and students will write the AP exam in May. This course will be intensive and students will be expected to be highly motivated to complete all assigned work. There is a course fee attached to this course to cover the cost of the exam in May. Students will receive a school mark based on both the differential and the integral calculus courses.

MODERN LANGUAGES

International Languages

The principal goal of our program is to develop communication skills so that students have the desire and ability to communicate in French or Spanish in real-life situations. Specifically, this communication competency encompasses the set of second language abilities that students use to:

- impart and exchange information, experiences and ideas
- explore the world around them
- understand and effectively engage in dialogue with others

The specific curricular competencies change at each grade level and can be found at: <https://curriculum.gov.bc.ca/curriculum> Students should be aware that some post-secondary programs may require a grade 11 and/or 12 language course. Please check with your counselors and/or the post-secondary website.

LA French 8 **Modern Languages**



French 8 is required to fulfill the requirements for the Ministry Language Education Policy. This course builds upon acquired knowledge and skills from elementary school, to offer students an opportunity to increase their level of competence in listening, speaking, reading and writing. This course focuses on important foundational skills that are required for future years of French. Students will learn French through Comprehensible Input methodologies, like storytelling, story-asking, Movie Talk, Picture Talk, among others. Students will be immersed right from the beginning in a communicative environment and encouraged to take risks with the language. Cultural elements are explored to develop a better understanding of the French-speaking world. Due to the cooperative nature of this course, regular attendance is very important.

LA French 9 **Modern Languages**

Recommended: French 8

MFR- -09- -S



French 9 allows students to communicate at a basic level in French, through topics that are personally meaningful. As students gain proficiency in French, they will learn to communicate clearly and effectively in the target language. Students will be able to narrate stories orally and in writing, they will engage in short conversations, and will be able to express themselves with growing fluency. They will participate in many activities, such as games, presentations, and discussions, that will enhance their reading, writing, speaking, and listening skills. Students will increase their awareness of French culture and the francophone world and be able to identify similarities and differences between French cultures and their own. Due to the cooperative nature of this course, regular attendance is very important.

LA French 10

Modern Languages

Recommended: French 9

MFR- -10- -S



[COURSES](#)

Students will continue developing their abilities to communicate effectively in French through listening, speaking, reading and writing in an interactive atmosphere. There will also be opportunities to learn about and grow an appreciation for various francophone cultures through different music, films, and stories. Student knowledge of supporting grammatical concepts continues to be developed as well as the capacity to tell stories, express ideas, opinions, and preferences in spontaneous conversation and in presentation. Due to the cooperative nature of this course, regular attendance and participation is very important.

LA French 11

Modern Languages

Recommended: French 10

MFR- -11- -S



[COURSES](#)

French 11 is accepted as a second language university requirement. This is a highly interactive and communicative course. Students will continue to enhance their abilities to communicate effectively in French through listening, speaking, reading, and writing with growing confidence. They will also learn about and grow an appreciation for various francophone cultures through different music, films, and stories. Student will be working towards attaining a working fluency in French and will be able speak and write with increasingly complex nuances of the French language. Due to the cooperative nature of this course, regular attendance and participation is very important.

LA French 12

Modern Languages

Recommended: French 11

MFR- -12- -S



[COURSES](#)

This course is the culmination of the study of French language and culture at the secondary level. Students refine their understanding of the language and cultural aspects, and continue to develop their abilities to communicate effectively in listening, speaking, reading and writing. Students will work to refine the content and form of their work to an increasingly sophisticated level of French. A greater amount of class time is spent on discussions and the sharing of ideas. Students completing French 12 may be eligible to write the DELF exam, at the recommendation of their teacher, dependent on district exam offerings. Due to the interactive and cooperative nature of this course, regular attendance is very important. There are District Authority scholarships that are awarded to exceptional language students.

LA Spanish 9

Modern Languages

MSP- -09- -S



[COURSES](#)

This course is an introductory Spanish course for those students that have little or no background in Spanish. Students will learn Spanish through Comprehensible Input methodologies, like storytelling, story-asking, Movie Talk, Picture Talk, among others. Students will be immersed in the language right from the beginning, in a communicative environment, that resembles the way we learn our first language: a relaxed, fun and caring environment that focuses on acquiring the language not on learning about it. Due to the cooperative nature of this course, regular attendance is very important.

LA Spanish 10
Modern Languages
Required: Spanish 9

MSP--10--S



As students gain proficiency in Spanish they will learn to communicate clearly and effectively in the target language. Students will be able to narrate stories orally and in writing, they will engage in short conversations and will be able to express themselves with growing fluency: ask and respond to a variety of questions, describe situations, express opinions on familiar topics, among other things. Due to the cooperative nature of this course, regular attendance is very important.

LA Spanish 11
Modern Languages
Required: Spanish 10

MSP--11--S



Students will continue developing basic communication in Spanish through listening, speaking, reading & writing tasks. Successful completion of Spanish 11 provides the minimum language requirement needed for some universities. Due to the cooperative nature of this course, regular attendance is very important.

LA Spanish 12
Modern Languages
Required: Spanish 11

MSP--12--S



This course is the culmination of the study of Spanish language and culture at the secondary level. Emphasis is on building fluency in Spanish, learning more complex language structures and continuing to explore the Spanish culture. Students will work to refine the content and form of their work to an increasingly sophisticated level of Spanish. Due to the cooperative nature of this course, regular attendance is very important.

Language Challenge Exams



Any student who is fluent in French or Spanish wishing to get a Language 11 credit must apply for the Language Challenge Exam instead of taking a language course offered at school. The language courses at Grandview Heights are designed for students who are learners of the language as opposed to students who are already speakers of the language.

A student wishing to take a Language Challenge Exam must notify a counsellor in September. Registration for these exams close in the middle of October. A student who speaks a language at home and/or has had formal schooling in a language may apply to take the Language Challenge Exam. The exams offered are listed on the Delta School District website. A student may use a challenge exam for credits but may not use the exam in calculating his/her average for university admission.

PEER TUTORING

LST Peer Tutoring 11 (BAA)

YIPS-1A- -S



[COURSES](#)

Peer Tutoring

Recommended: By application

Peer Tutoring 11 is a course which allows students to foster meaningful connections with peers and staff as they learn about teaching and learning. Students will receive training in various topics designed to help them model successful learning behaviours and support students with diverse learning needs, including executive function skills, and social-emotional learning topics. Students will be expected to adhere to a Code of Conduct based on initiative and responsibility. Regular communication with both placement teacher and course teacher (via Teams or in person) is essential for success in this course.

NOTES:

Training will occur both through Teams and during face-to-face meetings during the first month of the course on Wednesdays (during late start or early dismissal). Students are requested to make any needed arrangements to ensure their attendance on meetings.

Students will be placed in a sponsor teacher's classroom no later than the end of the second week of classes. Students are encouraged to seek out a suitable placement that allows them to showcase their skills and interests.

Course assignments will include: training check-ins, a Classroom Strategy assignment, journaling and a final Reflection and Celebration assignment. There is NO EXAM for this course. The bulk of the assessment for this course will come from the placement teacher's assessment of the student's work and effort in the placement classroom.

LST Peer Tutoring 12 (BAA)

YIPS-2A- -S



[COURSES](#)

Peer Tutoring

Recommended: By application

*Written teacher recommendation and application required

*Students are permitted to take both PT 11 and PT 12 once each ONLY

Peer Tutoring 11 is a course which allows students to foster meaningful connections with peers and staff as they learn about teaching and learning. Students will receive training in various topics designed to help them model successful learning behaviours and support students with diverse learning needs, including executive function skills, and social-emotional learning topics. Students will be expected to adhere to a Code of Conduct based on initiative and responsibility. Regular communication with both placement teacher and course teacher (via Teams or in person) is essential for success in this course.

NOTES:

Training will occur both through Teams and during face-to-face meetings during the first month of the course on Wednesdays (during late start or early dismissal). Students are requested to make any needed arrangements to ensure their attendance on meetings.

Students will be placed in a sponsor teacher's classroom no later than the end of the second week of classes. Students are encouraged to seek out a suitable placement that allows them to showcase their skills and interests.

Course assignments will include: training check-ins, a Classroom Strategy assignment, journalling and a final Reflection and Celebration assignment. There is NO EXAM for this course. The bulk of the assessment for this course will come from the placement teacher's assessment of the student's work and effort in the placement classroom.

PERFORMING ARTS

MUSIC

PA Concert Band 8 Performing Arts



This course is designed to introduce students to the challenge and excitement of the secondary school music program. This course is suitable for students with prior musical experience and those who are total beginners. Students will receive instruction on correct technique, music reading, listening skills, and how to play together as an ensemble. Students will listen to and perform music in a wide variety of styles (rock, classical, world music). Band 8 students will perform at numerous school concerts and the Surrey Grade 8 Band Revue, and they may have the opportunity to participate in an overnight performance trip in the spring. Commitment and responsibility to the band is very important in this course. Attendance at all performances is required.

PA Concert Band 9 Performing Arts

MMU- -09CBY



Recommended: Band 8

Band 9 continues the development of students' individual and ensemble playing skills that were developed in Band 8. Emphasis will be on correct technique, leadership and individual responsibility to the group. A wide range of musical repertoire will be explored. Students will perform at numerous school concerts, the Surrey Band Revue, and may have the opportunity to participate in an overnight trip in the spring. Completion of Band 8 is recommended though not mandatory. Attendance at all performances is required.

PA Concert Band 10 Performing Arts

MMUCB10- -Y



Recommended: Band 9 or the director's permission

Band 10 is designed for students who have reached a high degree of proficiency on their band instrument. A wide range of musical repertoire will be explored. A high degree of commitment and responsibility to the band is necessary. Students will perform at numerous school concerts, the Surrey Band Revue, and may have the opportunity to take part in an overnight music trip in the spring. Completion of Band 8 and 9 is recommended. Attendance at all performances is required.

PA Concert Band 11 Performing Arts

MIMCB11- -Y



Recommended: Band 10 or the director's permission

In Band 11, students will develop a high level of musical skill through the practice and performance of a wide range of advanced repertoire. A high degree of commitment and responsibility to the band is necessary. Students will perform at numerous school concerts, the Surrey Band Revue, and may have the

opportunity to participate in an overnight music trip in the spring. Completion of Band 8 - 10 is recommended. Attendance at all performances is required.

PA Concert Band 12

MIMCB12- -Y



Performing Arts

Recommended: Band 11

In Band 12, students will develop a high level of musical skill through the practice and performance of a wide range of advanced repertoire. A wide range of musical repertoire will be explored. A high degree of commitment and responsibility to the band is necessary. Students will perform at numerous school concerts, the Surrey Band Revue, and may have the opportunity to participate in an overnight music trip in the spring. Completion of Band 8 - 11 is recommended. Attendance at all performances is required.

PA Jazz Band 8



Performing Arts

This course will introduce students to the elements of playing jazz styles of music (swing, Latin, rock, and ballad) and improvisation. Enrolment in this course will serve to further students' playing skills and help them to progress more quickly on their instruments. A high degree of commitment and responsibility to the band is necessary. Students will perform in numerous school concerts, the Surrey Jazz Festival, and possibly on extracurricular music trips. Students must be enrolled in Band 8 to take this course. This course takes place twice a week before school (likely Tuesday/Thursday mornings from 7:10 – 8:20) and students will take it as a 9th course. Attendance at all performances is required.

Note: This course runs before school, and students who sign up must take it as a 9th course. All students in Jazz Band must be in Concert Band.

PA Jazz Band 9

MMU- -09JBY



Performing Arts

Jazz Band 9 will continue to develop students' jazz playing skills. A variety of music styles will be explored, including swing, Latin, rock and ballads. Soloing and improvisation skills will be further developed. A high degree of commitment and responsibility to the band is necessary. Students will participate in numerous school concerts, the Surrey Jazz Festival, and possibly on extracurricular music trips. Students must be enrolled in Band 9 to take this course. This course takes place during the regular school day. It will alternate with another course and run all year long. Attendance at all performances is mandatory.

Note: All students in Jazz Band must be in Concert Band.

PA Jazz Band 10

MMUJB10- -Y



Performing Arts

Jazz Band 10 will continue to develop students' jazz playing skills. A variety of music styles will be explored, including swing, Latin, rock and ballads. Soloing and improvisation skills will be further

developed. Membership in this group will require strong musical skills and a high degree of commitment in music preparation, rehearsals, and performance. Students will perform at school concerts, the Surrey Jazz Festival, and possibly on an extracurricular music trip. Students must be enrolled in Band 10 to take this course. This course takes place during the regular school day and will be year long. Students taking Jazz Band 10 will also complete the curriculum for CLE 10 and receive credit for both courses. It will alternate with another course and run all year long. Attendance at all performances is mandatory.

Note: All students in Jazz Band must be in Concert Band.

PA Jazz Band 11 **Performing Arts**

MIMJB11- -X



[COURSES](#)

Jazz Band 11 will continue to develop students' jazz playing skills. A variety of music styles will be explored, including swing, Latin, rock and ballads. Soloing and improvisation skills will be further developed. Membership in this group will require strong musical skills and a high degree of commitment in music preparation, rehearsals, and performance. Students will perform at school concerts, the Surrey Jazz Festival, and on extracurricular trips. Students must be enrolled in Band 11 to take this course. This is a year long course. Attendance at all performances is mandatory.

Note: All students in Jazz Band must be in Concert Band.

PA Jazz Band 12 **Performing Arts**

MIMJB12- -X



[COURSES](#)

Jazz Band 12 will continue to develop students' jazz playing skills. A variety of music styles will be explored, including swing, Latin, rock and ballads. Soloing and improvisation skills will be further developed. Membership in this group will require strong musical skills and a high degree of commitment in music preparation, rehearsals, and performance. Students will perform at school concerts, the Surrey Jazz Festival, and on extracurricular trips. Students must be enrolled in Band 12 to take this course. This is a year long course. Attendance at all performances is mandatory.

Note: All students in Jazz Band must be in Concert Band.

PA Choir 9 **Performing Arts** [SIGN UP FORM](#)

MMU- -09CHX



[COURSES](#)

This course is designed to introduce students to singing in a group. Students will sing a wide variety of music and will receive instruction in correct technique, music reading and listening skills. Previous singing experience is beneficial though not mandatory. Students will perform at numerous school concerts, a choral revue and may have the opportunity to participate in an overnight extra-curricular trip in the spring. Attendance at all performances is required.

PA Choir 10
Performing Arts
[SIGN UP FORM](#)

MMUCC10- -X



This course is designed to introduce students to singing in a group. Students will sing a wide variety of music and will receive instruction in correct technique, music reading and listening skills. Previous singing experience is beneficial though not mandatory. Students will perform at numerous school concerts, a choral revue and may have the opportunity to participate in an overnight extra-curricular trip in the spring. Attendance at all performances is required.

PA Choir 11
Performing Arts
[SIGN UP FORM](#)

MCMCC11- -X



This course is designed to introduce students to singing in a group. Students will sing a wide variety of music and will receive instruction in correct technique, music reading and listening skills. Previous singing experience is beneficial though not mandatory. Students will perform at numerous school concerts, a choral revue and may have the opportunity to participate in an overnight extra-curricular trip in the spring. Attendance at all performances is required.

PA Choir 12
Performing Arts
[SIGN UP FORM](#)

MCMCC12- -X



This course is designed to introduce students to singing in a group. Students will sing a wide variety of music and will receive instruction in correct technique, music reading and listening skills. Previous singing experience is beneficial though not mandatory. Students will perform at numerous school concerts, a choral revue and may have the opportunity to participate in an overnight extra-curricular trip in the spring. Attendance at all performances is required.

DANCE

PA Dance 8 (Fine Arts Rotation)



In this course students will learn basic techniques from many styles of dance. The students will learn the importance of doing a proper warm-up and will be expected to dance every class, so they must come prepared each day with proper strip.

PA Dance 9 Beginner
Performing Arts

MDNC-09- -S-BEG



This is a beginner level course which will provide students with knowledge, technique, and skills in 3 or more styles of dance (jazz, hip hop, contemporary, tap, etc.). It includes the understanding and acquisition of technique, dance terminology, choreography, self-expression, and improvisation. No prior experience is necessary.

PA Dance 9 Intermediate

MDNC-09- -S-INT



Performing Arts

Recommended Prerequisite: Fine Arts 8 Rotation (Dance) or permission of the instructor based on past dance experience.

Students will have the opportunity to extend their knowledge and build on their technique in 3 or more dance styles (jazz, hip hop, contemporary, musical theatre, tap, etc.) Students will also learn how to use the elements of choreography for the purpose of developing their own routines. In this performance based-course, students will have the opportunity to perform in several community performances as well as the semester-end dance showcase.

PA Dance 10/11/12 Technique and Performance: Beginner

MDCF-10- -S-BEG, MDCF-11- -S-BEG, MDCF-12- -S-BEG



Performing Arts

Students will learn the skills necessary to execute dance routines of a given style. A minimum of 3 genres (jazz, hip hop, contemporary, musical theatre, etc.) will be studied along with dance exercises and warm-up. Students will also learn how to use the elements of choreography for the purpose of developing their own routines. No prior experience necessary.

PA Dance 10/11/12 Technique and Performance : Intermediate

MDCF-10- -S-INT, MDCF-11- -S-INT, MDCF-12- -S-INT



Performing Arts

Recommended Prerequisite: Fine Arts 8 Rotation (Dance) and/or Dance 9

Students will learn the skills necessary to execute dance routines of a given style. A minimum of 3 genres (jazz, hip hop, contemporary, musical theatre, tap, etc.) will be studied along with dance exercises and warm-ups. Students will also learn how to use the elements of choreography for the purpose of developing their own routines. In this performance based-course, students will have the opportunity to perform in several community performances and competitions as well as the semester-end dance showcase.

PA Dance 10/11/12 Technique and Performance: Advanced

MDCF-10- -S-ADV, MDCF-11- -S-ADV, MDCF-12- -S-ADV



Performing Arts

Recommended Prerequisite: Permission of the instructor. Dancers who are permitted to enroll in the Advanced level must have previous dance training.

Students will learn the skills and attitudes necessary to work within a performance group. A minimum of 3 genres (jazz, hip hop, contemporary, musical theatre, etc.) will be studied along with dance exercises and warm-up. Using the elements of choreography and elements of movement, students will have the opportunity to explore, create, refine, and produce dance routines that they will then perform for an

audience. In this performance based-course, students will have the opportunity to perform in several community performances and competitions as well as the semester-end dance recital.

PA Dance Choreography 11/12



[COURSES](#)

MDNC-10- -S, MDNC-11- -S, MDNC-12- -S

Performing Arts

Students permitted to enroll in Dance Choreography 11/12 are advanced dance students who have the capabilities to be strong, positive leaders within the Grandview Dance community. You will be playing 3 roles- student, teacher and choreographer. You will learn teaching strategies, class management techniques, and elements of large group choreography. You will be responsible for leading warm-up once a week and creating large group choreography and combos for the class. Over the course of the semester you will learn devices used in choreography and will experiment in ways to find inspiration for creating dances. The Dance Choreography students will be placed in Dance 8 and 9 blocks as student leaders/teacher assistants.

PA Dance Company 10/11/12 (X-Block)



[COURSES](#)

MDNCM10- -X, MDNCM11- -X, MDNCM12- -X

Performing Arts

This is an audition-based course. Auditions will take place in Spring 2024 for the 2024-2025 school year.

Recommended Prerequisite- Preference will be given to students also enrolled in a Dance Course during regular school hours.

This course runs in conjunction with our afterschool Dance Team program. The focus of Dance Company is to challenge advanced level dancers to exercise their performance skills and to go through the many stages of the creative process. Dance Company students are expected to contribute to the overall creative capacity of the team and work as a unified competitive performance group.

Students may audition for Dance Company in the Spring of the previous year. Enrollment will be conditional upon a successful audition into their chosen team (Senior Hip Hop or Senior Contemporary/Jazz).

Note: This runs as a 9th course outside the regular timetable.

DRAMA

PA Drama 8 (Fine Arts Rotation)



[COURSES](#)

Students will be introduced to fundamental concepts of Drama including movement, voice, characterization, and improvisation. Emphasis will be on building confidence and developing cooperation skills.

PA Drama 9 - 10

MDR- -09- -S



[COURSES](#)

Performing Arts

MDRM-10- -S

Drama 9 and 10 are fun and exciting courses in which we review the fundamentals that we touched on the Arts 8 Rotation, and then move into building scenes and creating characters through imaginative

improvisation, drama games, and rehearsal. The main focus of the course is to develop basic acting skills in the areas of characterization, movement, voice, improvisation, scene building, and introductory script development. Exercises and activities are aimed at improving students' confidence in a positive, supportive atmosphere.

PA Acting 10 - 12



[COURSES](#)

MDRM-10- -S-ACT, MDRM-11- -S, MDRM-12- -S

Performing Arts

Students will continue to develop many drama skills, forms, and styles. Units of study are expanded at the senior level and may include topics such as scene building, character development, theater vocabulary, play analysis, movement, mask work, vocal projection, monologues and audition prep, scripted scene study, and improvisation. Students will also be required to take on one or more backstage roles in a theatre production such as lighting, sound, make up, costume or props organization, or stage management. The course aims towards finishing with a summative one act play for a live audience.

PA Theatre Directing and Script Development 11 and 12



[COURSES](#)

MDRDS11- -S, MDRDS12- -S

Performing Arts

This course is intended for theatre students who have studied acting performance and wish to develop the essentials of directing and creating performance material for the theatre. Directing and Script Development is limited to students who have demonstrated qualities of independence, leadership, and responsibility in the theatre program. The course also gives students the opportunity to leave a lasting legacy in the Grandview Heights theatre program, as students will be working with younger students and passing their knowledge and talents on to the next generation of performers.

PA Theatre Company 10 to 12



[COURSES](#)

MDRTC10- -X, MDRTC11- -X, MDRTC12- -X

Performing Arts

This course will run as an after school linear course throughout the full school year and is intended to give students the opportunity to take part in a large-scale theatrical production. Classes will run 2 or 3 times per week after school. Students will choose to specialize as on-stage performers or back-stage technical theatre production staff. The productions will be held in the Spring. We will do either a musical or non-musical theatre production, depending on company talents and interests. Note: Because this class runs after school, students must take it as a 9th course.

Theatre Production 10 – 12



[COURSES](#)

MDRD-10- -S, MDRTTP11- -S, MDRTTP12- -S

Performing Arts

This course provides an overview of the various technical and backstage roles needed in the staging of a theatre production. Students in this course will form production teams and will focus their study mainly towards specific hand-on projects in any of the following roles: lighting, sound, digital media/projection, scenery/sets and painting, costumes, hair and make-up, and props. In addition, students will learn about script analysis, stage management, and technical direction. The work done in this class will be direct support of the realization of a Grandview Theater production.

PHYSICAL AND HEALTH EDUCATION

PE Physical and Health Education 8 and 9

MPHE-08- -S



[COURSES](#)

Physical Education

MPHE-09- -S

The aim of physical education is to enable all students to enhance their quality of life through active living. Students will develop the knowledge, skills and attitudes necessary to incorporate physical activity into regular routines and leisure pursuits to live an active, healthy lifestyle, along with making healthy choices in regard to relationships, personal well-being and the community.

There are **four Curricular Competencies** in Physical and Health Education 8 and 9. Expectations for each area are listed below:

Physical Literacy: Apply movement skills in a variety of activities, explain fitness components and principles of training; understand the effects of exercise on body systems, explain the benefits of and demonstrate warm-up and cool-down activities; describe how changes in body growth affects movement skills and concepts; select and apply rules and safety procedures; demonstrate appropriate social behavior, etiquette, fair play; and apply leadership skills related to physical activity.

Healthy and Active Living: Daily participation in different types of physical activity; design personal nutrition plans and fitness goal-setting that is specific for each individual and allows the student to identify, reflect and pursue their goals.

Social and Community Health: Allow students to propose strategies for: bullying, discrimination, abusive relationships, and stereotyping; Create strategies for promoting the health and well-being of individual relationships, the school and the community.

Mental Well-being: Describe and assess strategies for promoting mental well-being for self and others; describe and assess strategies for managing problems related to substance abuse; describe changes through puberty (physical, mental, social and emotional change).

PE Physical and Health Education 10

MPHED10- -S



[COURSES](#)

Physical Education

In PHE 10 students continue to delve into all aspects of “Wellness” with a focus on establishing and communicating individual fitness and activity plans with the intention of demonstrating the importance of maintaining a healthy active lifestyle.

Note: PE 10 is a graduation requirement.

PE Active Living 11

MACLV11- -S



[COURSES](#)

Physical Education

Physical and Health Education Active Living 11 is a physical education course which focuses on the development of movement skills, participation, and interpersonal skills. Included in the course are strategies to help students take control of their recreational fitness activities which include:

- being able to monitor exertion levels.

- understanding the effectiveness of physical activity with regards to mental and physical wellbeing.
- developing and demonstrate skills necessary to plan, organize and safely participate in recreational activities.
- aiding students in effectively increasing their chances of success in a variety of physical activities.
- developing competency in recreational physical activities.
- understanding the importance in maintaining physical health.

The course focuses on having students participate in a wide variety of daily fitness activities and recreational games.

PE Active Living 12 **Physical Education**

MACLV12- -S



Physical and Health Education Active Living 12 is a physical education course which focuses on the development of movement skills, participation, and interpersonal skills. Included in the course are strategies to help students take control of their recreational fitness activities which include:

- being able to monitor exertion levels.
- understanding the effectiveness of physical activity with regards to mental and physical wellbeing.
- developing and demonstrate skills necessary to plan, organize and safely participate in recreational activities.
- aiding students in effectively increasing their chances of success in a variety of physical activities.
- developing competency in recreational physical activities.
- understanding the importance in maintaining physical health.
- healthy eating guidelines and importance of nutrition as it pertains to physical activity.
- how to develop and maintain healthy relationships.

The course focuses on having students participate in a wide variety of daily fitness activities and recreational games, as well as develop plans for future use centered on physical activity, positive nutrition choices, and strategies for dealing with the stresses of everyday life.

PE Fitness and Conditioning 11 **Physical Education**

MFTCD11- -S



Physical and Health Education Fitness and Conditioning 11 focuses on the importance of healthy and active living, the understanding of Human Anatomy and Physiology, the Principles of Training, and the importance of Social Responsibility as it pertains to leadership, positive behaviors and safety practices in different types of fitness activities and environments. Students will be expected to create a personal exercise program using multiple fitness activities with the focus being on cardiovascular and movement exercise regimens.

This course will focus on activities such as:

- Circuit Training
- Aerobic and Anaerobic conditioning (jogging/running)
- Introduction to bodyweight cross-fit activities
- Tabatas (high intensity, short duration circuits)
- Yoga
- Zumba and other aerobic dance activities

The class will be structured so that students will experience activities which mirror those that they will find when they sign up for classes at public or private fitness/recreation centers.

PE Fitness and Conditioning 12

MFTCD12- -S



Physical Education

Physical and Health Education Fitness and Conditioning 12 focuses on the importance of Healthy and Active living, the understanding of Human Anatomy and Physiology, the Principles of Training, and the importance of Social Responsibility as it pertains to leadership, positive behaviors and safety practices in different types of fitness activities and environments. Students will be expected to create a personal exercise program using multiple fitness activities with the focus being on cardiovascular and movement exercise regimens.

This course will focus on activities such as:

- Circuit Training
- Aerobic and Anaerobic conditioning (jogging/running)
- Introduction to bodyweight Cross-fit activities
- Tabatas (high intensity, short duration circuits)
- Yoga
- Zumba and other aerobic dance activities
- Specificity of training principles

The class will be structured so that students will experience activities which mirror those that they will find when they sign up for classes at public or private fitness/recreation centers. Additionally, students will develop personal nutrition plans, and develop ways to monitor their physical activity. Students will create a personal workbook of activities and resources for future use. This course cannot be taken if you have Exercise Science 12.

PE Fitness and Conditioning 11/12- Raise the Bar (Girls)



MFTCD11GLS, MFTCD12GLS

Physical Education

Raise the bar is designed for females who want to positively impact their physical fitness with an emphasis on personal fitness goals and weight room lifting technique that will promote health and active living. This course will help to educate students on being confident in a weight room setting with an emphasis on muscular strength, muscular endurance and cardiovascular endurance. Raise the Bar is intended to encourage and build confidence in students to engage in an active, healthy lifestyle as a way of life beyond their high school years.

PE Weight Training 11

YLRA-1A- -S



Physical Education

Weight Training consists of the development of positive physical and mental living habits. Physical activities (cardio, weights, quickness training, aerobic workouts, etc.) are all introduced to the students. They will learn to organize their own fitness programs to fit their lifestyles and the type of fitness goals they wish to achieve. Learning to organize their time to make their fitness programs a part of their life will be emphasized. A major part of fitness is nutritional and there will be a unit on the importance of nutrition.

The class will be introduced to concepts of emotional and mental health and learning to deal with the stresses of everyday life. Activities include: fitness testing; workouts; nutrition; time management; emotional and mental health; workout diary.

PE Weight Training 12
Physical Education

YLRA-2A--S



Weight Training 12 consists of the development of positive physical and mental living habits. Physical activities (cardio, weights, quickness training, aerobic workouts, etc.) are all introduced to the students. They will learn to organize their own fitness programs to fit their lifestyles and the type of fitness goals they wish to achieve. Learning to organize their time to make their fitness programs a part of their life will be emphasized. A major part of fitness is nutritional and there will be a unit on the importance of nutrition. The class will be introduced to concepts of emotional and mental health and learning to deal with the stresses of everyday life. Activities include: fitness testing; workouts; nutrition; time management; emotional and mental health; workout diary.

PE Hockey Academy

Physical Education

Selection Process

Please fill out [Application](#) and [Teacher Reference Form](#) as soon as possible as space is limited.



[COURSES](#)



- **Grade 8 -9 Hockey Academy** - MPHE-08- -S-HOCKEY / MPHE-09- -S-HOCKEY
- **Grade 10-12 Hockey Academy** - MPHE10- -S-HOCKEY / MACLV11- -S-HOCKEY / MACLV12- -S-HOCKEY

Grandview Heights Hockey Academy is a specialized sport-specific class geared towards competitive and aspiring hockey players in grades 8 to 12. Our Academy focuses on the five major pillars of hockey development: on-ice skill development, off-ice performance training, athlete mindset, nutrition, and recovery. The program includes two on-ice development sessions per week, two off-ice training sessions per week and one high performance hockey education or off-ice skill development class per week.

On-Ice Skill Development (Two Sessions Per Week)

- Stride and edge development
- Explosive skating and speed development
- Multi-directional skating and change of speed
- Offensive creativity, puck protection and evasive moves
- Hockey IQ, vision, and game awareness
- Position specific skating patterns and skills
- Advanced individual skills, tactics, and small space games

Off-Ice High Performance Training Sessions (Two Sessions Per Week)

- Hockey specific strength and power development
- Speed, quickness, agility, and acceleration
- Movement mechanics and efficiency
- Stability and mobility
- Core strength and rotational power
- Anaerobic Conditioning
- Recovery and regeneration

High Performance Hockey Education and Crossover Skill Training (One Class Per Week)

- Sports nutrition
- Mindset and sports psychology

- Visualization training
- High performance habits
- Goal setting
- Off-ice cross over sports (floorball, floor hockey, small space games)



GRANDVIEW HEIGHTS HOCKEY ACADEMY



FEBRUARY 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Semester 2 Begins Orientation /Testing	2 On-Ice @ SSLC 8:00am-9:00am	3 Testing @Grandview Block D	4
5	6 On-Ice @ SSLC 2:15pm-3:15pm	7 Off-Ice Training @Grandview 11:57am-1:19pm	8 Off-Ice Training @Grandview Block D (2 nd Block)	9 On-Ice @ SSLC 8:00am-9:00am	10 Off-Ice Training @Grandview Block D	11
12	13 On-Ice @ SSLC 2:15pm-3:15pm	14 Off-Ice Training @Grandview 11:57am-1:19pm	15 Off-Ice Training @Grandview Block D (2 nd Block)	16 On-Ice @ SSLC 8:00am-9:00am	17 Off-Ice Training @Grandview Block D	18
19	20 FAMILY DAY	21 Off-Ice Training @Grandview 11:57am-1:19pm	22 Off-Ice Training @Grandview Block D (2 nd Block)	23 On-Ice @ SSLC 8:00am-9:00am	24 PRO-D DAY	25
26	27 On-Ice @ SSLC 2:15pm-3:15pm	28 Off-Ice Training @Grandview 11:57am-1:19pm				





GRANDVIEW HEIGHTS HOCKEY ACADEMY



MARCH 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Off-Ice Training @Grandview Block D (2 nd Block)	2 On-Ice @ SSLC 8:00am- 9:00am	3 Off-Ice Training @Grandview Block D	4
5	6 On-Ice @ SSLC 2:15pm-3:15pm	7 Off-Ice Training @Grandview 11:57am-1:19pm	8 Off-Ice Training @Grandview Block D (2 nd Block)	9 On-Ice @ SSLC 8:00am- 9:00am	10 Off-Ice Training @Grandview Block D	11
12	13 Spring Break	14 Spring Break	15 Spring Break	16 Spring Break	17 Spring Break	18
19	20 Spring Break	21 Spring Break	22 Spring Break	23 Spring Break	24 Spring Break	25
26	27 On-Ice @ SSLC 2:15pm-3:15pm	28 Off-Ice Training @Grandview 11:57am-1:19pm	29 Off-Ice Training @Grandview Block D (2 nd Block)	30 On-Ice @ SSLC 8:00am- 9:00am	31 Off-Ice Training @Grandview Block D	



GRANDVIEW HEIGHTS HOCKEY ACADEMY



APRIL 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 On-Ice @ SSLC 2:15pm-3:15pm	4 Off-Ice Training @Grandview 11:57am-1:19pm	5 Off-Ice Training @Grandview Block D (2nd Block)	6 On-Ice @ SSLC 8:00am-9:00am	7 GOOD FRIDAY	8
9 EASTER SUNDAY	10 EASTER MONDAY	11 Off-Ice Training @Grandview 11:57am-1:19pm	12 Off-Ice Training @Grandview Block D (2nd Block)	13 On-Ice @ SSLC 8:00am-9:00am	14 Off-Ice Training @Grandview Block D	15
16	17 On-Ice @ SSLC 2:15pm-3:15pm	18 Off-Ice Training @Grandview 11:57am-1:19pm	19 Off-Ice Training @Grandview Block D (2nd Block)	20 On-Ice @ SSLC 8:00am-9:00am	21 Off-Ice Training @Grandview Block D	22
23	24 On-Ice @ SSLC 2:15pm-3:15pm	25 Off-Ice Training @Grandview 11:57am-1:19pm	26 Off-Ice Training @Grandview Block D (2nd Block)	27 On-Ice @ SSLC 8:00am-9:00am	28 Off-Ice Training @Grandview Block D	29
30						



GRANDVIEW HEIGHTS HOCKEY ACADEMY



MAY 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 On-Ice @ SSLC 2:15pm-3:15pm	2 Off-Ice Training @Grandview 11:57am-1:19pm	3 Off-Ice Training @Grandview Block D (2 nd Block)	4 On-Ice @ SSLC 8:00am-9:00am	5 PRO-D DAY	6
7	8 On-Ice @ SSLC 2:15pm-3:15pm	9 Off-Ice Training @Grandview 11:57am-1:19pm	10 Off-Ice Training @Grandview Block D (2 nd Block)	11 On-Ice @ SSLC 8:00am-9:00am	12 Off-Ice Training @Grandview Block D	13
14	15 On-Ice @ SSLC 2:15pm-3:15pm	16 Off-Ice Training @Grandview 11:57am-1:19pm	17 Off-Ice Training @Grandview Block D (2 nd Block)	18 On-Ice @ SSLC 8:00am-9:00am	19 Off-Ice Training @Grandview Block D	20
21	22 VICTORIA DAY	23 Off-Ice Training @Grandview 11:57am-1:19pm	24 Off-Ice Training @Grandview Block D (2 nd Block)	25 On-Ice @ SSLC 8:00am-9:00am	26 Off-Ice Training @Grandview Block D	27
28	29 PRO-D DAY	30 Off-Ice Training @Grandview 11:57am-1:19pm	31 Off-Ice Training @Grandview Block D (2 nd Block)			



GRANDVIEW HEIGHTS HOCKEY ACADEMY



JUNE 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 On-Ice @ SSLC 8:00am-9:00am	2 Off-Ice Training @Grandview Block D	3
4	5 On-Ice @ SSLC 2:15pm-3:15pm	6 Off-Ice Training @Grandview 11:57am-1:19pm	7 Off-Ice Training @Grandview Block D (2nd Block)	8 On-Ice @ SSLC 8:00am-9:00am	9 Off-Ice Training @Grandview Block D	10
11	12 On-Ice @ SSLC 2:15pm-3:15pm	13 Off-Ice Training @Grandview 11:57am-1:19pm	14 Off-Ice Training @Grandview Block D (2nd Block)	15 On-Ice @ SSLC 8:00am-9:00am	16 Off-Ice Training @Grandview Block D	17
18	19 On-Ice @ SSLC 2:15pm-3:15pm	20 Off-Ice Training @Grandview 11:57am-1:19pm	21 Off-Ice Training @Grandview Block D (2nd Block)	22 On-Ice @ SSLC 8:00am-9:00am	23 Off-Ice Training @Grandview Block D	24
25	26	27	28	29	30	

SCIENCE

SC Science 8 Science



[COURSES](#)

Science 8 includes an introduction to lab safety, equipment, measurement, scientific method, graphing, and communicating results. Core units include: Life Science (Biology – Cells and Immunity), Physical Science (Physics – Optics), Physical Science (Chemistry – Atomic Theory & Kinetic Molecular Theory), and Earth Science (Plate Tectonics).

SC Science 9 Science

MSC- -09- -S



[COURSES](#)

Science 9 continues to build on the skills learned in Science 8 involving lab safety, equipment, measurement, scientific method, graphing and communicating results. Core units include: Life Science (Biology – Asexual & Sexual Reproduction), Physical Science (Chemistry – Atomic Structure and Chemical Compounds), Physical Science (Physics – Electricity), and Earth Science (Earth's Spheres are Interconnected).

SC Science 10 Science

MSC- -10- -S



[COURSES](#)

Science 10 continues to build on the skills learned in Science 8 & 9 involving lab safety, equipment, measurement, scientific method, graphing and communicating results. Core units include: Life Science (Biology – Genes & Genetic Diversity), Physical Science (Chemistry – Chemical Reactions and Radioactivity), Physical Science (Physics – Energy Transfer and Transformation), and Earth Science (Astronomy – Formation of the Universe).

SC Science for Citizens 11 Science

MSCCT11- -S



[COURSES](#)

This course is intended primarily for students who do not intend to continue their studies in science past grade 11. Completion of Science for Citizens 11 allows students to complete their graduation plan but cannot be used for university entrance. Please see other science 11 courses for post-secondary goals.

Science for Citizens is a general Science course, designed to enhance scientific literacy by making science both interesting and relevant. It links scientific knowledge to the technologies designed from it. The scope and sequence of the course reflects current trends at both the local and global levels in both science and innovations. This course provides the foundation for understanding scientific topics with an emphasis on critical thinking, allowing students to be conversant on relevant issues for today's world.

SC Life Sciences 11
Science

MLFSC11- -S



Life Sciences 11 is an introductory course focussing on the diversity of life when examined under the lens of evolution. Major topics include; Ecology, Evolution & Classification, Microbiology, Fungi, Plants and Animals. Students will need to be able to process large quantities of information in a short period of time to be successful in this course. Life Science 11 and is a strongly recommended pre-requisite for Anatomy & Physiology 12.

SC Anatomy and Physiology 12
Science

MATPH12- -S



Anatomy & Physiology is a focussed course that examines the structures and functions within the human body. This course spends a great deal of time looking at the cellular level of human physiology and the biochemical reactions that regulate homeostasis. Major topics include: Biological Molecules, Cell Structure and Function, DNA & Protein Synthesis, Metabolism and Histology. The major body systems are also included (Cardiovascular, Digestive, Respiratory, Excretory, Nervous and Reproductive). It is strongly recommended that students have Life Sciences 11 and Chemistry 11 with a B average to be successful in this course.

SC Chemistry 11
Science

MCH- -11- -S



Chemistry 11 is an introductory course that focuses on the development of key concepts and skills required in Chemistry. This course requires strong math and problem solving skills and includes a laboratory component. Topics include Properties of Matter, Inorganic Nomenclature, The Mole Concept, Chemical Reactions, Stoichiometry, Atomic Theory, Solution Chemistry and Organic Chemistry. It is strongly recommended that students have a B or higher in both Foundations of Math & Precalculus 10 and Science 10. Chemistry 11 serves as a foundation for students continuing on to Chemistry 12 and/or post-secondary sciences.

SC Chemistry 12
Science

MCH- -12- -S



Recommended: Chemistry 11

Chemistry 12 is an advanced course that builds on the foundational concepts and skills learned in Chemistry 11. This course focuses on more complex topics in Chemistry and requires strong math and problem solving skills and includes a laboratory component. Topics include Reactions Kinetics, Chemical Equilibrium, Solubility Equilibrium, Acid-Base Chemistry and Electrochemistry. It is strongly recommended that students have a B or higher in both Chemistry 11 and Pre-Calculus 11. Chemistry 12 serves as a foundation for students continuing on to post-secondary sciences.

SC Geology 12
Science

MCH- -12- -S



Geology 12 is a course that explores the following topics: Origins and Significance of Earth's Resources; Identifying and Classifying Rocks and Minerals; Formation of Geological Structures; and Significance of Plate Tectonics and Seismology. Geology 12 serves as a foundation for students continuing on to post-secondary studies in Earth Science and for careers in Mining and Resource Industries.

SC Earth Science 11
Science

MESC-11- -S



Earth Science 11 is a course that explores the following topics: Origins and Components of the Universe and Solar System; Rocks, Minerals and Plate Tectonics; Earth's Atmosphere and Weather Systems; and Earth's Ocean Environment. Earth Science 11 serves as a foundation for students continuing on to Physical Geography 12.

SC Physics 11
Science

MPH- -11- -S



Physics 11 is an introductory course that focuses on the principles of physics and develops analytical, experimental and problem-solving skills. Topics include Velocity, Acceleration, Vectors, Projectiles, Forces, Energy, Power, Mechanical Advantage, Mechanical Waves and Circuits. It is strongly recommended that students have a B or higher in both Foundations of Math & Precalculus 10 and Science 10. Students will be expected to apply their mathematical skills in solving quantitative problems. Physics 11 serves as a foundation for students continuing onto Physics 12 and/or post-secondary sciences.

SC Physics 12
Science

MPH- -12- -S



Physics 12 is an advanced course that focuses on the principles of physics and develops analytical, experimental and problem-solving skills. Topics include Relative Motion, Static Equilibrium, Circular Motion, Gravity, Momentum, Impulse, Electrostatics, and Electromagnetism. It is strongly recommended that students have a B or higher in Physics 11 and Pre-Calculus 11. Physics 12 builds upon the conceptual framework created in Physics 11. Physics 12 serves as a foundation for students continuing on to post-secondary sciences.

SOCIAL STUDIES

Social Studies GRADUATION REQUIREMENTS

- a) Students are required to take Social Studies 10 plus at least **one** Social Studies course in grade 11 or 12 to fulfill their graduation requirement.
- b) Students may take **multiple** Social Studies 12 courses as electives. These grade 12 courses do not have a prerequisite.

Grade 10	Grade 11 OR 12
Social Studies 10	20th Century World History
	Human Geography
	Physical Geography
	Geography of Foods
	Social Justice
	Law
	Psychology
	Genocide Studies
	Philosophy
	BC First Peoples

SS Social Studies 9 Social Studies

MSS- -09- -S



In Social Studies 9, students will explore the history of Western Europe and Canada from 1750 to the early 20th century. Students will be provided with the opportunity to examine political, social, economic, and technological revolutions, both in Canada and abroad. They will also learn about the continuing effect of imperialism and colonialism on indigenous peoples in Canada and around the world. They will be exposed to the global demographic shifts, including patterns of migration and population growth. They will examine nationalism and the development of modern nation-states, including Canada's path to nationhood. Classes will look at local, regional, and global conflicts. Central themes include discriminatory policies, attitudes, and historical wrongs. The introduction of historical thinking concepts as the basis for competencies places more emphasis on "thinking like a historian" and critical thinking in general.

SS Social Studies 10 Social Studies

MSS- -10- -S



Building on the foundation of knowledge, skills and attitudes students have gained from their Social Studies education from Kindergarten on, Social Studies 10 offers students an integrated approach to Canadian and global issues. Social Studies 10 focuses on the development of modern Canada and encompasses the history, political climate and cultural shifts of Canada during the Twentieth and early Twenty-first century. Students will learn about how Canada's multicultural history has never been a smooth tale of progress, but

a rocky and contentious struggle of peoples. Social Studies 10 is also a foundation course for further study in the humanities and social sciences.

Social Studies OPTIONS to be taken in Grade 11 or 12

SS Explorations in Social Studies 11

MEPSS11- -S



Social Studies

Explorations in Social Studies 11 is a broad-ranging survey course that brings together various elements of the world of Social Science. SS11 provides students with opportunities to develop research, communication, and presentation skills as well as skill in critical thinking and media literacy. The course will consist of three main areas of focus within the Social Studies disciplines (to be determined between the teacher and students)

SS11 is open to students in both Grade 11 and 12. Students may choose to use this course as their senior Social Studies graduation requirement, as it is less academically rigorous than most Gr. 12-level courses; however, SS 11 also provides a solid foundation for students who plan to take Gr. 12 Social Studies courses.

SS Twentieth Century World History 12

MWH- -12- -S



Social Studies

Twentieth Century World History is a rich and relevant course covering the period from 1918 well into the 1990s. Beginning with the Paris Peace Conference and the treaties that brought WW1 to a close, the events of the 20th century unfold. The history of the Twentieth Century will include: the failure of the peace conference, the economic collapse leading to Depression; the creation of new forms of totalitarian governments in Russia, Germany, Italy; militaristic aggressions in the 1930s; World War II; many aspects of the Cold War (Korea, Cuba, Vietnam); China, India, the Middle East and South Africa – the topics are varied and fascinating. In addition to learning about the major events of the Twentieth Century, students will also gain the skills necessary to interpret historical events: how to ensure historical information is accurate and relevant, how to develop historical empathy, and how to present clear and logical arguments based on a knowledge of the events that they are assessing. To engage students and make the course relevant, students will have the opportunity to listen to guest speakers, watch documentary footage and contemporary films and participate in the annual Holocaust Symposium at UBC (virtually or in person, if available). If this sounds good, come join us!

SS Human Geography 12

MHGEO12- -S



Social Studies

Have you ever wondered why we live where we live? The purpose of Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. It is based on how humans interact on the Earth's surface: How humans modify, adapt and depend on it. Students will employ spatial concepts, mapping and landscape analysis to examine human social organization. It addresses both the physical and human created systems of the world through the study of people, places and resources. As an ever-increasing world population puts more and more demands on the planet's resources, there is a need for a society that is geographically literate and therefore able to make informed decisions about the sustainability of the Earth's resources and the future of the human species on our planet.

SS Physical Geography 12

Social Studies

MPGEO12- -S



Physical Geography 12 is the study of the physical environment and how we interact with it. It is the *exciting* and hands-on study of the natural environment, and how we interact with it. Geography also acts as a survey course, preparing you for a variety of 1st year Geography courses at the university level. In this class, we focus on explaining the processes that shape our world, such as climate and weather, plate tectonics and volcanism, rivers, and glaciers. Students will also explore the economic benefits associated with resources development and the impact they have on the environment. Other topics include human adaptations in earthquake-prone areas or ways to mitigate climate change. There may also be an emphasis on field studies including a “Sea-to-Sky” Whistler fieldtrip, coastal processes at White Rock Beach, and other possible locations. Geography is a unique subject in that it is accepted as both a science and arts credit at the university level. Once you take Geography, you will never look at the natural world the same again!

SS The Geography of Food 11

Home Economics

Recommended: Social Studies 9

PKG--11-GEO FOODS



Food! We all talk about it; we all need it, and we all eat but where does our food come from? What issues influence food production and how we get our food? How do our eating habits play a role in global issues? If you want to explore the answers to these questions and get your hands dirty growing and cooking your own food, then The Geography of Foods is the course for you! Join Mr. Ewacha and Ms. Jenkins as they team teach this linear course that will include field studies to local farms, restaurants, and an overnight trip. Gain hands on learning in both the school garden and the foods labs while creating delicious farm-to-table dishes. Students in this course will receive credit for both Physical Geography 12 and Food Studies 11, meeting their Social Studies and Fine Arts/Applied Skills graduation requirements.

There will be an enhancement fee for this course as well as field study costs. Fees to be determined.

SS Law Studies 12

Social Studies

MLST-12- -S



If you've ever wanted to know more about our legal system, the Law program will serve as your introduction. It asks questions including:

- What rights do we have as citizens?
- What happens when our legal and human rights are violated?
- What types of criminal laws are there?
- What does it mean to sue someone?
- What rights and obligations do I have as a parent or as child?

We study many aspects of Canadian law and incorporate current legal issues into the course to make this course as up-to-date and informative as possible. The main legal subjects covered include examining the ethical and philosophical foundations of law, the Charter of Rights and Freedoms, Criminal Law (including the Youth Criminal Justice Act), civil law (tort and negligence), family law (marriage, divorce, and parenting), and First Peoples laws in Canada. Students will also participate in criminal and civil mock trials. In addition to learning the content, students will be expected to think critically, analyze current events as

they relate to the Criminal Code, and discuss a number of sensitive and controversial issues in small and large groups.

SS Social Justice 12



MSJ- -12- -S



[COURSES](#)

Social Studies

“Returning hate for hate multiplies hate, adding deeper darkness to a night already devoid of stars. Darkness cannot drive out darkness; only light can do that. Hate cannot drive out hate, only love can do that” (Martin Luther King Jr., *Strength to Love*, 1963).

With respect to Martin Luther King's quotation, Social Justice 12 explores various issues of equality, equity and justice in society (and hence their counterparts of inequality, inequity, and injustice). Sample inquiry topics include the following: anti-racism, anti-poverty, LGBTQ, status of women, First Peoples' rights, disabilities, peace, environmental and ecological justice, and globalization. In examining the differences between social service, social responsibility, and social justice, the course encourages students to develop a commitment to advocate and work toward a more socially just society. Social Justice 12 is a participatory course that requires respectful and open dialogue of controversial issues, self-reflection, social analysis, respect for diversity and inclusion, and a willingness to take responsible action for change. It is a place where norms are challenged, thoughts and opinions are expressed, and hopefully new understandings are created about injustices both past and present in the world. This course will contain group work, discussions, skill development, inquiry and individualized learning, including community outreach.

SS Philosophy 12

MPHIL12- -S



[COURSES](#)

Social Studies

What is reality? Does justice exist? Is there a God? What is the human mind? Philosophy is a course that examines the nature of knowledge, reality, and existence. Throughout the course we will investigate thinkers, theories, and questions that help us better understand ourselves and the world we live in. We will learn and practice skills on how to question our assumptions and better understand our own beliefs.

SS Genocide Studies 12

MGENO12- -S



[COURSES](#)

Social Studies

Genocide studies explores various genocides from the past and ones in the present and across multiple continents. The course explores what causes a society to reach the point where genocide is considered socially acceptable. You will hear directly from survivors of genocide and get to visit sites like the Holocaust Centre. We will also learn from various full feature films that depict the realities of genocide from multiple perspectives.

Genocide Studies also has a focus on how we can remember and find reconciliation after the fact, with a particular focus on ways that genocides can be prevented. During this unit you will get to visit a local business that supports and equips current survivors of human trafficking as we find ways to respond and take action both locally and abroad.

SS BC First Peoples 12
Social Studies

MBCFP12- -S



BC First Peoples 12 looks at how the identities, worldviews, and language of BC First Peoples are renewed, sustained, and transformed through their connection to the land. Students will investigate how the impact of contact and colonialism continues to affect the political, social, and economic lives of BC First Peoples. Students will study how cultural expressions convey the richness, diversity, and resiliency of BC First Peoples. They will gain an understanding of how, through self-governance, leadership, and self-determination, BC First Peoples challenge and resist Canada's ongoing colonialism.

This course satisfies the Indigenous-Focused Coursework Graduation Requirement

Psychology 12
Social Studies Elective

YPSYC2A- -S



Psychology 12 is an academic course for students who have an interest in the subject and wish to pursue it further at a post-secondary level. Psychology includes the diversity of human behavior, the study of the human brain, emotions, stress, the influence of drugs on behavior, early childhood and adolescent development, and the underlying basis of social interactions and anti-social behavior. Students will explore the four goals of psychology, including describing, explaining, and predicting human behaviors. This course serves as an introduction to the field of psychology and would provide a good foundation for a student who is planning to pursue psychology at the post-secondary level. The course will provide students with an understanding of how psychological research is conducted and introduce them to the major psychological theories and thinkers in the field. Psychology is relevant in many diverse fields including law enforcement, nursing, advertising, sports and human resources. Students will have the chance to carry out their own research experiments in areas of personal interest. Areas of focus include Relationships, Stress and Health, Psychological Disorders, Psychological Testing, and Attitudes and Social Influence.

This course is an elective and does not meet Ministry of Education Social Studies 11/12 graduate requirement.

TECHNOLOGY

TE Applied Design/Skills Technology 8 ADST/Technology



Students will be introduced to a combination of Woodworking, Metal Design and Robotics through project work. This includes introductory woodcarving techniques, the use of robotics in industry and local context with user and autonomous control systems and metalwork techniques and processes using hand tools and power tools.

TE Drafting 9 ADST/Technology

MADD-09- -S



This course is designed to introduce students to the basic principles of Drafting and Design. In this course, students will explore Elements of Design, traditional techniques associated with manual drafting, Computer Drafting with an introduction to AutoCAD, and Inventor 3D Modelling. Students will engage in the Design Process to complete Design & Build challenges that will incorporate real world connections to further develop their manual and computer drafting skills. Projects may include artefacts using the vinyl plotter, 3D printer, and the Wood CNC Router. Students planning on pursuing Engineering, Architecture, Interior Design, Drafting, Construction, or Project Management would benefit from this course.

TE Drafting 10, 11 and 12 ADST/Technology



MTDRF10- -S, MTDRF11- -S, MTDRF12- -S

Topics covered in the TE Drafting 10-12 will be expanded and the elements of creating technical drawings will be reinforced. This course is designed to introduce students and explore the basic principles of Drafting and Design through the study of Elements of Design, traditional techniques associated with manual drafting, Computer Drafting with an introduction to AutoCAD, and Inventor 3D Modelling. Students will engage in the Design Process to complete Design & Build challenges that will incorporate real world connections to further develop their manual and computer drafting skills. Projects may include artefacts using the vinyl plotter, 3D printer, and the Wood CNC Router. Students planning on pursuing Engineering, Architecture, Interior Design, Drafting, Construction, or Project Management would benefit from this course.

TE Engineering and Design 9/10 ADST/Technology

MTPOW10- -S



Prerequisite: None

Engineering Level 1 will help students develop technological literacy through the use of tools, materials, and digital technology. Students will be challenged with a variety of projects designed to foster an engineering approach to problem solving. AutoCAD, 3D printers, CNC Engraving, laser cutters, and Arduino are but a few of the technologies that will be used. Engineering Level 1 will be of interest to

students that enjoy working on creative solutions to problem solving. Grade 9 and 10 students will be registered in Level 1. Students will be eligible to register for Engineering Level 2 in subsequent years.

TE Engineering and Design 11/12

MENR-11- -S



ADST/Technology

MENR-12- -S

Prerequisite: Engineering Level 1, or in Grade 11

This course is a continuation of Engineering Level 1. The Engineering Level 2 course will expand on concepts related to design, using different materials, tools, processes and technologies in product manufacturing. Major focuses of the course are an introduction to 2D Design leading into several projects such as a laser cut catapult, several design and build problems which are always a student favourite. The course is computer based and will involve the use of various software programs, such as AutoCAD, however, the course will continue to have a core focus of a hands-on building approach. Engineering Level 2 will be of interest to any students that want to develop and refine a design and engineering approach to finding solutions to real world issues and problems.

TE Industrial Coding and Design 12

MTICD12- -S



ADST/Technology

This is an exciting course that allows students to utilize all the available resources in the Technology Education department to design and create complex, multi-disciplinary projects on a larger scale. With access to AutoCAD for design, students will have full access to the Woodwork and Metalwork tools and machinery to explore, develop, and challenge their skills and creativity. Students should incorporate the coding and use of the Laser Engraver, CNC Router, and the CNC Plasma cutter along with other machinery to create projects using wood, metal, and other materials.

TE Robotics 9

MADER09- -S



ADST/Technology

Prerequisite: None

This is a fast-paced, hands-on course where students will design, build, and program VEX IQ robots. Students will have the opportunity to showcase their new skills in challenging design projects in class. Focus will first be on the design process and students will learn the basics of construction as well as how to keep a standardized engineering notebook. Next, students will have numerous opportunities to build various versions of robots to meet the requirements of each challenge. Then, students will learn various coding skills, starting with block-based coding in VexCode. Students will also program various sensors to allow the robot to move autonomously. Teamwork skills and interpersonal skills are strengthened in this fast-paced group environment.

TE Robotics 10

MTEAR10- -S



ADST/Technology

Prerequisite: None

This is a fast-paced, hands-on course where students will design, build, and program VEX IQ robots. Students will have the opportunity to showcase their new skills in challenging design projects in class.

Focus will first be on the design process and students will learn the basics of construction as well as how to keep a standardized engineering notebook. Next, students will have numerous opportunities to build various versions of robots to meet the requirements of each challenge. Then, students will learn various coding skills, starting with block-based coding in VexCode. Students will also program various sensors to allow the robot to move autonomously. Teamwork skills and interpersonal skills are strengthened in this fast-paced group environment.

TE Robotics 11

ADST/Technology

Prerequisite: Robotics 9/10 Recommended

MTROB11- -S



[COURSES](#)

This is a fast-paced, hands-on course where students will design, build, and program VEX V5 robots. Students will have the opportunity to showcase their new skills in challenging design projects in class. Focus will first be on the design process and students will learn the basics of construction as well as how to keep a standardized engineering notebook. Next, students will have numerous opportunities to build various versions of robots to meet the requirements of each challenge. Then, students will learn various coding skills, starting with block-based and text-based coding in VexCode. Students will also program various sensors to allow the robot to move autonomously. Teamwork skills and interpersonal skills are strengthened in this fast-paced group environment.

TE Robotics 12

ADST/Technology

Prerequisite: Robotics 9/10 Recommended

MTROB12- -S



[COURSES](#)

This is a fast-paced, hands-on course where students will design, build, and program VEX V5 robots. Students will have the opportunity to showcase their new skills in challenging design projects in class. Focus will first be on the design process and students will learn the basics of construction as well as how to keep a standardized engineering notebook. Next, students will have numerous opportunities to build various versions of robots to meet the requirements of each challenge. Then, students will learn various coding skills, starting with block-based and text-based coding in VexCode. Students will also program various sensors to allow the robot to move autonomously. Teamwork skills and interpersonal skills are strengthened in this fast-paced group environment.

TE Metalwork 9

ADST/Technology

This is an introductory course in metal shaping and fabrication. Students will have an opportunity to design and construct projects through the use of metalworking tools, machining, MIG welding, Flame-cutting, sheet metal, Aluminum casting, forging and other machine practices. Both creativity and individualized projects are encouraged.

MADM-09- -S



[COURSES](#)

TE Metalwork 10
ADST/Technology

MTMET10- -S



This course is designed to allow students to extend their experiences in Metal machinery and Fabrication. Students will have an opportunity to design and construct projects through the use of Metalworking Tools, Machining, Welding, Jewellery making, Sheet Metal, Aluminum casting, forging and other machine practices. Both creativity and individualized projects are encouraged. Additional content covered in the course is the use of CNC (computer) controlled machinery and Metal Art.

TE Metalwork 11
ADST/Technology

MTMET11- -S



Recommended: Metalwork 10

This course is designed to allow students to further their experiences in metal machinery and fabrication. Students will have an opportunity to design and construct projects through the use of metalworking tools, machining, MIG, TIG and ARC welding, Flame-cutting, sheet metal, Aluminum casting, forging and other machine practices. Both creativity and individualized projects are encouraged. Additional components controlled machinery and components of metal art may be included. This course applies to several areas of Secondary School Apprenticeship Programs.

TE Metalwork 12
ADST/Technology

MTMET12- -S



Recommended: Metalwork 11

This course is designed to allow students to further their experiences in metal machinery and fabrication. Students will have an opportunity to design and construct projects through the use of metalworking tools, machining, MIG, TIG and ARC welding, Flame-cutting, sheet metal, Aluminum casting, forging and other machine practices. Both creativity and individualized projects are encouraged. Project design and construction are emphasized. Additional components controlled machinery and components of metal art may be included. This course applies to several areas of Secondary School Apprenticeship Programs.

TE Art Metal and Jewelry 12
ADST/Technology

MTAMJ12- -S



This course is designed to introduce students to some of the very basic principles of metal fabrication and jewelry design. In this course you will explore techniques including soldering and metal manipulation as it relates to construction of various projects agreed upon by both students and teachers. Some projects may include: Rings, Bracelets, Pendants, Stained Glass, Metal Sculptures, Chainmail, and others.

TE Machining and Welding 12
ADST/Technology

MTMAW12- -S



Recommended: Metalwork 11 is strongly recommended

This course is designed to allow students to further their experiences in metal machining and welding. Students will have an opportunity to design and construct projects focused around the use of MIG, TIG, and ARC Welding, Plasma Cutting, Metal Lathe and Milling Machinery. Both creativity and individualized projects are encouraged. Project design, customization and construction are emphasized. This course applies to several areas of Secondary Schools Apprenticeship Programs, such as Welding, pipe fitting, and Steel Fabrication.

TE Woodwork 9
ADST/Technology

MADW-09- -S



This is an introductory course in wood shaping, machining, and fabrication. Students will learn safe and proper use of a variety of tools and equipment including the Laser Engraver and the CNC Router. This is a hands-on course, integrating the Design Process into teacher directed projects. Individual design and creativity are actively encouraged.

TE Woodwork 10
ADST/Technology

MWWK-10- -S



This course encourages students to apply the Design Process to develop and/or expand their skills, knowledge in the creation of a choice project within instructor guidelines. Creativity and individualization are encouraged by integrating the Laser Engraver and CNC Router during the building process.

TE Woodcraft 10
ADST/Technology

MWWK-10- -S-WC



Prerequisite: None

Fabrication of individually designed or teacher directed craft-type projects allow students to develop previously learned skills. Some areas which may be covered include: free form, relief, and Native carving, wood sculpting, wood burning, inlay and intarsia. With an emphasis on the safe use of tool and machines, advanced procedures will be used to construct several projects. Computer controlled machining may also be included.

TE Woodwork 11
ADST/Technology

MWWK-11- -S



This course is designed to allow students to explore woodworking using a variety of tools and machinery including the Laser Engraver and the CNC Router. Through the application of the Design Process students will have the opportunity to showcase their creative ideas in student designed projects. Students will be expected create the whole design package for the project including the ideation, working drawings, material cost, and building of the project.

TE Woodcraft 11

ADST/Technology

Prerequisite: None

MWWK-11- -S-WC



[COURSES](#)

This course is a practical study of various forms of wood art. The course emphasizes the practical application of woodworking skills and the exploration and development of the principles of design as they relate to various wood art forms. Free form carving, wood sculpturing, relief carving, intarsia and wood burning are a few of the areas which may be covered in this course. CNC engraving may also be incorporated into student projects.

TE Woodwork 12

ADST/Technology

Recommended: Woodwork 11 is strongly recommended

MWWK-12- -S



[COURSES](#)

In Woodwork 12 students are encouraged to expand on the Woodwork 11 concepts with the application of the whole Design Process in the creation of individual projects. Projects can vary in quantity, size, and complexity. Creativity will be showcased while using all available tools and machinery, including the Laser Engraver and the CNC Router.

TE Woodcraft 12

ADST/Technology

Prerequisite: None

MWWK-12- -S-WC



[COURSES](#)

This is an advanced artistic course that uses basic woodworking skills in specific hand and machine tools to explore differing avenues of woodcraft. Some areas which may be covered include: free form, relief, and Native carving, wood sculpting, wood burning, inlay, and Intarsia. Specific hand and machine tool processes which may include CNC, will be employed to fabricate a variety of projects.

TE Furniture & Cabinetry 12

ADST/Technology

Recommended: Woodwork 12 is strongly recommended

MTFAC12- -S



[COURSES](#)

This is a course which builds on the skills and experiences acquired in previous woodworking courses with project design focusing on cabinetry and/or furniture. Creativity will be showcased while using all available tools and machinery, including the Laser Engraver and the CNC Router. Students will be expected create the whole design package for the project including the ideation, working drawings, material cost, and building of the project. This program involves learning and applying advanced woodworking techniques to design and build major projects.

TE Skills Exploration 11
ADST/Technology

MSTX-1A- -S



This course is open to grade 10, 11 and 12 students who are interested in the trades. This course will be a sampler of 4 of the 5 following trades sectors, depending on interest and availability:

1. Carpentry
2. Electrical
3. Plumbing
4. Welding
5. Drafting & Design

Skills Exploration is a Ministry Authorized course jointly supported by the Ministry of Education and Skilled Trades BC. Through participation in this course, students learn trades and technology skills and earn credit towards secondary school graduation. Later, students may decide to pursue an industry training program to become a certified tradesperson (journeyperson) or a certified technician/technologist.

VISUAL ARTS

VA Fine Arts 8 (Rotation) – 4 rotations (Visual Art/Dance/Drama/IT)



[COURSES](#)

Visual Arts

Grade 8 students will complete a course that rotates through the year from Visual Arts, Dance, IT to Drama, this course introduces students to the basic concepts and skills in the Arts & Technology. Students will develop their creative thinking, communication and personal and social awareness competencies and have fun! These introductory courses will allow Grade 8 students to try different courses, learn new skills and help them make informed decisions about their course selections in future years. Students will be introduced to all four areas of study in one semester.

VA Art 8 (Rotation)



[COURSES](#)

Visual Arts

Art 8 is an introductory course that focuses on discovering the magic found in mixing the paints of the colour wheel, creating fun hand-built clay projects, general design and drawing skills. Participation in Art 8 gives the student “a taste” of some of the basic skills of art and design, which will help students enjoy making and/or appreciating art in the future.

VA Visual Art Foundations 9



MVA- -09- -S



[COURSES](#)

Visual Arts

Visual Art 9 is a foundational course designed for students of all levels. Students will do a deeper dive into the Elements of Art experimenting with a variety of techniques and materials both abstraction and realism. By using different media, students will develop their skills as an artist while exploring contemporary and historical art, indigenous art, ceramics, digital media (Procreate), and many more. Learn to draw, paint, sculpt and express your ideas like a pro!

VA Visual Art Foundations 10



MVAST10- -S



[COURSES](#)

Visual Arts

Visual Art 10 is a foundational course designed for students of all levels. This course builds upon your previous experiences with techniques to develop a portfolio for your ideas and personal style. Students will do a deeper dive into the Elements of Art and Principles of Design experimenting with a variety of techniques and materials both abstraction and realism. By using different media, students will develop their skills as an artist while exploring contemporary and historical art, indigenous art, ceramics, digital media (Procreate), and many more. Learn to draw, paint, sculpt and express your ideas like a pro and be ready for senior level art!

VA 2D Studio Art 10



MVAD-10- -S



[COURSES](#)

Visual Arts

2D Studio Art 10 (Drawing & Painting) is a course designed for students of all levels in Visual Art. Learn to draw, paint and express your ideas like a pro! Students will experiment with a variety of techniques & materials using both abstraction and realism. Projects consist of a variety of subject matter (still life, landscape, activism and self-portraiture); knowledge, comprehension, and application of elements & principles of design; working in a variety of art mediums: graphite, coloured pencils, charcoal, conte, oil pastel, pen & ink, watercolour, acrylic paint, digital (ProCreate)and mixed media. Students are given more independence in choosing themes and imagery for projects. Evaluation is based on personal growth, from start to end of term.

VA 2D Studio Art 11



MVAD-11- -S



[COURSES](#)

Visual Arts

2D Studio Art 11 (Drawing & Painting) is a course designed for students of all levels in Visual Art. Learn to draw, paint and express your ideas like a pro! Students will experiment with a variety of techniques & materials using both abstraction and realism. Projects consist of a variety of subject matter (still life, landscape, activism and self-portraiture); knowledge, comprehension, and application of elements & principles of design; working in a variety of art mediums: graphite, coloured pencils, charcoal, conte, oil pastel, pen & ink, watercolour, acrylic paint, digital (ProCreate)and mixed media. In addition, students will expand their understanding of the creative process through engagement in class discussions about historical and contemporary art issues. Students are given more independence in choosing themes and imagery for projects. Evaluation is based on personal growth, from start to end of term.

VA 2D Studio Art 12



MVAD-12- -S



[COURSES](#)

Visual Arts

2D Studio Art 12 (Drawing & Painting) is a course designed for students of all levels in Visual Art, even those that have never taken an art class! Learn to draw, paint, and express your ideas like a pro! Students will experiment with a variety of techniques & materials using both abstraction and realism. Projects involve a variety of subject matter (still life, landscape, the figure, and self-portraiture); knowledge, comprehension and application of elements & principles of design; working in a variety of art mediums: graphite, coloured pencils, charcoal, conte, oil pastel, pen & ink, watercolour, acrylic paint, mixed media, and digital media (ProCreate & photography). Students are given more independence in choosing themes and imagery for projects. Evaluation is based on personal growth, from start to end of term.

VA Ceramics 9



MAE- -09- -S



[COURSES](#)

Visual Arts

Ceramics 9 is a hands-on course where you will work with clay (hand-building and wheel-throwing) to create beautiful handmade pottery. We will create functional pieces (vases, bowls, and dinnerware) as well as sculptural pieces and installations around our school. We will explore various forms & vessels, texture, and sculpture techniques. Explorations of contemporary and historical ceramics around the world will inspire our work. All experience levels are welcome.

VA Ceramics 10



MVAC-10- -S



[COURSES](#)

Visual Arts

Ceramics 10 is a hands-on course where you will work with clay (hand-building and wheel-throwing) to create beautiful handmade pottery. We will create functional pieces (vases, bowls, and dinnerware) as well as sculptural pieces and installations around our school. We will explore various forms & vessels, texture, and sculpture techniques. Explorations of contemporary and historical ceramics around the world will inspire our work. All experience levels are welcome. New ceramics students will be given “Level 1” projects, “Level 2” for second time students with some experience, and “Level 3” for independent ceramics students.

VA Ceramics 11



MVAC-11- -S



[COURSES](#)

Visual Arts

Ceramics 11 is a hands-on course where you will work with clay (hand-building and wheel-throwing) to create beautiful handmade pottery. We will create functional pieces (vases, bowls, and dinnerware) as well as sculptural pieces and installations around our school. We will explore various forms & vessels, texture, and sculpture techniques. Explorations of contemporary and historical ceramics around the world will inspire our work. All experience levels are welcome. New ceramics students will be given “Level 1” projects, “Level 2” for second time students with some experience, and “Level 3” for independent ceramics students.

VA Ceramics 12



MVAC-12- -S



[COURSES](#)

Visual Arts

Ceramics 12 is a hands-on course where you will work with clay (hand-building and wheel-throwing) to create beautiful handmade pottery. We will create functional pieces (vases, bowls, and dinnerware) as well as sculptural pieces and installations around our school. We will explore various forms & vessels, texture, and sculpture techniques. Explorations of contemporary and historical ceramics around the world will inspire our work. All experience levels are welcome. New ceramics students will be given “Level 1” projects, “Level 2” for second time students with some experience, and “Level 3” for independent ceramics students.

VA Independent Directed Study in Visual Art or Ceramics



[COURSES](#)

Visual Arts

Students can apply directly to Ms. Mears for an IDS in Visual Art. Under Ms. Mears supervision, students can earn additional Independent Directed Study (IDS) credits by pursuing the visual arts curriculum in more detail. To participate in this method of learning, students must demonstrate the ability to work independently. Along with their teacher, they should also develop an Independent Directed Study plan that includes:

- A process for ongoing facilitation and assessment
- Criteria for determining successful completion

•A credit value (one, two, three or four credits) for the proposed IDS Students must be able to work independently to solve problems creatively and use a mix materials and techniques confidently to illustrate their ideas. Emphasis will be on portfolio development and conceptual work. Opportunities for a legacy project for Grandview Heights: (mural, painting, permanent installation).

VA Photography 10

MVAPH10- -S



Visual Arts

This course will include the fundamentals of digital photography and image editing using Adobe Photoshop/ Lightroom. Emphasis will be on proper use of camera settings to create high image quality. Levels 1, 2 and 3 will be applied to each student as the course may be repeated. Students in higher levels will be given more challenging assignments and will act as ambassadors to others. Assignments will include extra-curricular events and capturing activities within the school. Students will respond to and evaluate historical and contemporary photography in advertisements, portraiture and fine art.

VA Photography 11

MVAPH11- -S



Visual Arts

This course will include the fundamentals of digital photography and image editing using Adobe Photoshop/ Lightroom. Emphasis will be on proper use of camera settings to create image quality in the context of the digital revolution. Levels 1, 2 and 3 will be applied to each student as the course may be repeated. Students in higher levels will be given more challenging assignments and will act as ambassadors to others. Assignments will include extra-curricular events and capturing activities within the school. Students will respond to and evaluate historical and contemporary photography in advertisements, portraiture and fine art.

VA Photography 12

MVAPH12- -S



Visual Arts

This course will include the fundamentals of digital photography and image editing using Adobe Photoshop/ Lightroom. Emphasis will be on proper use of camera settings to create image quality in the context of the digital revolution. Levels 1, 2 and 3 will be applied to each student as the course may be repeated. Students in higher levels will be given more challenging assignments and will act as ambassadors to others. Assignments will include extra-curricular events and capturing activities within the school. Students will respond to and evaluate historical and contemporary photography in advertisements, portraiture and fine art.

VA Yearbook 10

MMEDD10- -Y



Visual Arts

This course is designed to enable students to publish the school's yearbook and other publishing documents. Students will learn the fundamentals of graphic art and design. Students will start to develop skills around time management, communication, creative problem solving, and responsibility to a group and contribution to school society. Students will learn to extensively use Adobe InDesign, Photoshop and Lightroom. Students must be self-motivated and able to meet deadlines. A willingness to participate in and out of class

is a must. All students will be required to attend a school sport team game after school to take pictures for the yearbook.

VA Yearbook 11

MGRPR11- -Y



Visual Arts

This course is designed to enable students to publish the school's yearbook and other publishing documents. Students will learn the fundamentals of graphic art and design. Students will start to develop skills around time management, communication, creative problem solving, and responsibility to a group and contribution to school society. Students will learn to extensively use Adobe InDesign, Photoshop and Lightroom. Students must be self-motivated and able to meet deadlines. A willingness to participate in and out of class is a must. All students will be required to attend a school sport team game after school to take pictures for the yearbook.

VA Yearbook 12

MGRPR12- -Y



Visual Arts

This course is designed to enable students to publish the school's yearbook and other publishing documents. Students will learn the fundamentals of graphic art and design. Students will start to develop skills around time management, communication, creative problem solving, and responsibility to a group and contribution to school society. Students will learn to extensively use Adobe InDesign, Photoshop and Lightroom. Students must be self-motivated and able to meet deadlines. A willingness to participate in and out of class is a must. All students will be required to attend a school sport team game after school to take pictures for the yearbook.