

PANORAMA RIDGE SECONDARY

Course Selection Handbook

2025 - 2026

Grades 8 – 12



PANORAMA RIDGE SECONDARY

This handbook has been prepared to give students and their parents or guardians an introduction to the courses available at Panorama Ridge Secondary. The course descriptions are general in nature 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 certain that their plans have been thoroughly discussed with their counsellor and with parents or guardians.

It is extremely important that students make good decisions regarding course selection. Both staffing and the school's timetable will be based on course selection requests. Choices should be considered a "ten month" commitment, as opportunities for change in September will be extremely limited.

Principal:	Mr. M. Sweeney	
Vice Principals:	Mr. S. Evans	A - Gil
	Ms. J. Bifulchi	Gim - N
	Mr. S. Cowan	O - Z
Counsellors:	Mr. S. Holland	A – Dhil, A.
	Ms. K. Wisniewski	Dhil, B. – Khal
	Mr. K. Price	Kham – Sai
	Ms. S. Kurrein	Saj – Z

COURSE OFFERINGS

DEPT	COURSE OFFERING	CODE	DEPT	COURSE OFFERING	CODE
BUSINESS EDUCATION	GRADE 8		PEER TUTORING	Peer Tutoring 11	YIPS-1A--S
	Design Learning 8 (Rotation)	MADGE08--S		Peer Tutoring 12	YIPS-2A--S
	GRADE 9		MUSIC	PERFORMING ARTS	
	Computer Programming 9	MADMA09--S		Concert Band 8	MMU--08CBY
	Entrepreneurship & Marketing 9	MADEM09--S		Concert Band 9	MMU--09CBY
	GRADE 10			Concert Band 10	MMUCB10--Y
	Computer Programming 10	MCSTU10--S		Concert Band 11	MIMCB11--Y
	Entrepreneurship & Marketing 10	MADEM10--S		Concert Band 12	MIMCB12--Y
	GRADE 11			Jazz Band 8	MMU--08JBX
	Accounting 11	MAC--11--S		Jazz Band 9	MMU--09JBY
	Computer Programming 11	MCMPR11--S		Jazz Band 10	MMUJB10--X
	Marketing & Promotion 11	MMAP-11--S		Jazz Band 11	MIMJB11--Y
	GRADE 12			Jazz Band 12	MIMJB12--Y
	Accounting 12	MACC-12--S		Choir 8	MMU--08CHX
	Computer Programming 12	MCMPR12--S		Choir 9	MMU--09CHX
	Economics 12	MEC--12--S		Choir 10	MMUCC10--X
Entrepreneurship 12	MENT-12--S	Choir 11		MCMCC11--X	
		Choir 12		MCMCC12--X	
CAREERS EDUCATION	CAREERS		DANCE	Dance 9	MDNC-09--S
	Career Education Overview			Dance 10	MDNC-10--S
	CO-OP Options 11/12 Overview			Dance Company 10-12 (X block)	MDNCM10--X
	GRADE 8 & 9			Dance 10-12 Foundations (General)	MDCF-10--S
	Career Education 8 & 9	MCE--08--Y & MCE--09--Y		Dance 10-12 Technique & Perform (Advanced)	MDNTP10--S
	GRADE 10		Dance Choreography 11-12	MDNC-11--S	
	Career Life Education (CLE 10)	MCLE-10--S	DRAMA	Drama 9	MDRM-09--S
	GRADE 11/12			Drama 10	MDRM-10--S
	Career Life Connections 12 + Capstone	MCLC-12--S		Drama 11	MDRM-11--S
	Work Experience 12A & 12B	MWEX-2A--S & MWEX-2B--S		Drama 12	MDRM-12--S
Science Co-Op		Theatre Company 10-12 (X block)		MDRTC10--X	
Physical Education Co-Op		Theatre Production 10-12 (X block)	MDRD-10--X		
		Directing & Script Development 11/12	MDRDS11--S		
ENGLISH	GRADE 8		PHYSICAL EDUCATION	GRADE 8 & 9	
	Humanities 8 (English 8/Socials 8)	MEN--08--Y & MSS--08--Y		Physical & Health Education 8	MPHE-08--S
	English Language Arts 8 (for FRIM students)	MEN--08--S		Physical & Health Education 9	MPHE-09--S
	GRADE 9			GRADE 10	
	English Language Arts 9	MEN--09--S		Physical Health Education 10	MPHED10--S
	GRADE 10			PHE Basketball Training 10	MPHED10B-S
	English 10 Composition	MCMP510--S		GRADE 11 - 12	
	English 10 Creative Writing	MCTWR10--S		Active Living 11	MACLV11--S
	English 10 Focused Literary Studies	MLTST10--S		Active Living 12	MACLV12--S
	English 10 New Media	MNMD-10--S		Lifestyle PHE 11	MACLV11--S-L
	GRADE 11		Lifestyle PHE 12	MACLV12--S-L	
	English 11 Creative Writing	MCTWR11--S	PHE Basketball Training 11	MACLV11B-S-L	
	English First Peoples 11	MELSL11--S	PHE Basketball Training 12	MACLV12B-S-L	
	English 11 Focused Literary Studies	MLTST11--S	GRADE 8-10		
	English 11 New Media	MNMD-11--S	Science 8	MSC--08--S	
	GRADE 12		Science 9	MSC--09--S	
English First Peoples 12	MENFP12--S	Science 10	MSC--10--S		
English Studies 12	MENST12--S	GRADE 11 - 12			
FRENCH IMMERSION	GRADE 8		SCIENCE	Biology 11 Life Sciences	MLFSC11--S
	FRIM: Éducation Physique 8	FEPSF08--S		Biology 12 Anatomy & Physiology	MATPH12--S
	FRIM: Humanities 8	XLDCA08--F		Chemistry 11	MCH--11--S
	FRIM: Sciences 8	FSCF-08--S		Chemistry 12	MCH--12--S
	GRADE 9			Environmental Science 11	MEVSC11--S
	FRIM: Education Physique 9	FEPSF09--S		Environmental Science 12	MEVSC12--S
	FRIM: Humanities 9	XLDCA09--F		Physics 11	MPH--11--S
	FRIM: Sciences 9	FSCF-09--S		Physics 12	MPH--12--S
	GRADE 10-12			Science Lab Tech 12 (BAA SD36)	YED--2A--S
	FRIM: Education Physique 10	FPHED10--S		AP Biology 12 (Linear)	ABIO-12--F
	FRIM: Sciences 10	FSCF-10--S			
	FRIM: Français Langue 10	FFRAL 10--S			
	FRIM: Sciences Humaines 10	FSCH-10--S			
	FRIM: Communication Orale 11	FSPLG11--S			
	FRIM: Français Langue 12	FFRAL12--S			
	FRIM: Histoire du Monde Au Xxe Siècle 12	FWH--12--S			

COURSE OFFERINGS

PANORAMA RIDGE SECONDARY 2025-2026

DEPT	COURSE OFFERING	CODE	DEPT	COURSE OFFERING	CODE	
ECONOMICS HOME	GRADE 8		LEADERSHIP	GRADE 9-12		
	Design Learning 8 (Rotation)	MADGE08--S		Leadership 9	XLEAD09--S	
	GRADE 9/10			Leadership 10	YIPS-0B--S	
	Food Studies 9	MADFS09--S		Leadership 11 (Linear)	YIPS-1B--Y	
	Textile Studies 9	MADT-09--S		Leadership 12 (Linear)	YIPS-2B--Y	
	GRADE 10 - 12			Athletic Leadership 11 (Linear)		
	Food Studies 10	MFOOD10--S		Athletic Leadership 12 (Linear)		
	Food Studies 11	MFOOD11--S		GRADE 9/10		
	Food Studies 12	MFOOD12--S		Social Studies 9	MSS--09--S	
	Textile Studies 10-12	MTXT-10--S		Social Studies 10	MSS--10--S	
	Family Studies 10-12	MFAMS10--S		GRADE 11		
	Housing & Living Environments 12	MHALE12--S		Explorations in Social Studies 11	MEPSS11--S	
	Foods Lab Tech 12 (BAA SD36)	YHEC-2E--S		Psychology 11	YPSYC1A--S	
	LIBRARY SCIENCE	Grade 11-12			GRADE 12	
Library Science 11	YCAIS1A--S		20th Century World History 12	MWH- -12--S		
Library Science 12	YCAIS2A--S		Black Studies 12	YAES-2A--S		
MATH	GRADE 8		SOCIAL STUDIES	GRADE 11		
	Mathematics 8 (Linear with Band 8)	MMA--08--S		Explorations in Social Studies 11	MEPSS11--S	
				Psychology 11	YPSYC1A--S	
	Mathematics 9	MMA--09--S		GRADE 12		
	GRADE 10			20th Century World History 12	MWH- -12--S	
	Foundations of Math & Pre-Calculus 10	MFMP-10--S		Black Studies 12	YAES-2A--S	
	Workplace Math 10	MWPM-10--S		Contemporary Indigenous Studies 12	MINST12--S	
	Workplace Math 10/11 (Linear)	MWMP-10--Y		Law Studies 12	MLST-12--S	
	GRADE 11			Philosophy 12	MPHIL12--S	
	Foundations of Math 11	MFOM-11--S		Psychology 12	YPSYC2A--S	
	Pre-Calculus 11	MPREC11--S		Social Justice 12	MSJ- -12--S	
	Workplace Math 11	MWMP-11--S		STUDENT SUPPORT	Grade 8 - 12	
	GRADE 12			ELL Beginner & Developing (8-12)		
	Calculus 12	MCALC-12--S		ELL Academic Language for ELL (10-12)		
	Foundations of Math 12	MFOM-12--S		TECHNOLOGY EDUCATION	GRADE 8	
	Pre-Calculus 12	MPREC12--S		Design Learning 8 (Rotation)	MADGE08--S	
	MODERN LANGUAGES	FRENCH			GRADE 9-12	
		French 8		MFR--08--S	Drafting 11	MTDRF11--S
French 9		MFR--09--S	Drafting 12	MTDRF12--S		
French 10		MFR--10--S	Metalwork 9	MADM-09--S		
French 11		MFR--11--S	Metalwork 10	MTMET10--S		
French 12		MFR--12--S	Metalwork 11	MTMET11--S		
SPANISH			Metalwork 12	MTMET12--S		
Spanish 9		MSP--09--S	Woodwork 9	MADW-09--S		
Spanish 10		MSP--10--S	Woodwork 10	MWWK-10--S		
Spanish 11		MSP--11--S	Woodwork 11	MWWK-11--S		
Introductory Spanish 11		MBSP-11--S	Woodwork 12	MWWK-12--S		
Spanish 12		MSP--12--S	VISUAL ARTS	GRADE 9		
PUNJABI			Visual Arts 9	MVA--09--S		
Punjabi 9		MPUN-09--S	GRADE 10-12			
Punjabi 10		MPUN-10--S	Art Studio 10	MVAST10--S		
Punjabi 11		MPUN-11--S	Art Studio 11	MVAST11--S		
Punjabi 12		MPUN-12--S	Art Studio 12	MVAST12--S		
			Studio Arts 2D/3D 10	MVAD-10--S		
		Studio Arts 2D/3D 11	MVAD-11--S			
		Studio Arts 2D/3D 12	MVAD-12--S			
		Photography 11	MVAPH11--S			
		Photography 12	MVAPH12--S			
		Yearbook 11 (X block)	MVAMT11--X			
		Yearbook 12 (X block)	MVAMT12--X			

GRADUATION REQUIREMENTS

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. 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		

***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.**

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

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- 28 credits from elective courses

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
Language Arts 10	4
Language Arts 11	4
Language Arts 12	4
Mathematics 10	4
Mathematics 11	4
A course from Arts Education OR Applied Design/Skills & Technology 10, 11 or 12	4
Social Studies 10	4
Social Studies 11 or 12	4
Science 10	4
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	

GRADE 8 COURSE PLANNING

English	French Immersion
1. French 8	1. English 8
2. Humanities 8 ** (English 8 & Social Studies 8)	2. Humanities 8 (Fral 8 et Sciences Humaines)
3. Math 8	3. Math 8
4. Physical and Health Education 8	4. Éducation Physique et Santé 8
5. Science 8	5. Sciences 8
6. Elective	6. Elective
7. Elective	7. Elective

*Careers 8 will be delivered throughout the school year online through TEAMS with the use of the website www.myblueprint.ca

** Humanities 8 counts as two courses.

Elective Course Selection

Grade 8 students will select two (2) electives. However, the options depend on whether they choose Concert Band 8

Option 1: Students Not Taking Concert Band

- Students who do not select Concert Band 8 will automatically be enrolled in the Design Learning 8 Rotation and may choose one (1) additional elective from the following:
 - Visual Art 8
 - Drama 8
 - Dance 8

Option 2: Students Taking Concert Band

- Students selecting Concert Band 8 may choose one (1) elective from the list below:
 - Visual Art 8
 - Drama 8
 - Dance 8
 - Design Learning 8 Rotation (includes Home Economics, Technology Education, and Business Education)

Optional Extra Courses

Students can also opt for extra courses offered before or after school:

- Music 8: Jazz Band (must also enroll in Concert Band)
- Music 8: Choir

DESIGN LEARNING 8 – ROTATION

Students rotate through three of the following subjects through the course of the semester.

Business Education: students will be introduced to a wide range of software applications. Students will learn to use the following software through experimentation and developing self-directed projects. Students will have the opportunity to use: The Adobe Creative Suite (Animate, Photoshop, Animate) 3D design software, spreadsheet software, multimedia presentation tools, and much more. Students will have access to their own workstation for this hands-on course.

Food Studies: An introduction to exploring foods and nutrition. You will learn and practice kitchen safety, food safety, food preparation techniques, increasing nutritional value or food quality, recipe modifications, utilizing local in season food products, and applying creativity with special occasion food products. In addition, you will be able to practice your co-operation, independence, communication, problem solving, time management, and organization skills.

Textile Studies: An introduction to learning the skills to use basic sewing notions, draft basic pattern, operate a sewing machine and apply basic hand-sewing techniques. You will need to demonstrate safe sewing machine practices prior to operating a sewing machine. In addition, you will be able to practice your independence, problem solving, time management, and organization skills. You will be applying the ADST Design Model in designing and constructing their own Apron or Drawstring Bag.

Technology Education: An introductory course that encompasses a broad range of content and skills. This course will introduce students to the various elective areas available in the shops at École Panorama Ridge while providing a safe and supportive environment to learn some valuable hands-on skills. Due to time constraints, one or two projects will include as many elements of technology as possible.

ARTS LEARNING ELECTIVE OPTIONS:

Drama 8: Students explore acting and confidence speaking in front of others: story development, performing and scene building. Students develop their creative thinking, community building, cooperative learning, imagination, self-confidence, and self-reflection. Participants also develop an appreciation for diversity and practice respecting others' beliefs.

Dance 8: Gives students an opportunity to explore some of the basic concepts of movement, musicality, choreography, technique, and performing. Students will be exposed to a wide variety of dance styles including hip hop, jazz, lyrical, bboying/bgirling, bhangra and tap. Students will develop their skills in the areas of creative movement/thinking, teamwork and self-reflection while learning about the history and culture of various dance styles that are popular today.

Visual Art 8: A course that focuses on discovering the magic found in mixing the paints of the colour wheel, creating fun creative hand-built clay projects, general design and drawing skills. Participation in this course gives the student “a taste” of some of the basic skills of art and design, so that they can continue to learn about and enjoy art in the future. Evaluation includes process, progress, participation, work habits as well as product made in each media area.

GRADE 9 COURSE PLANNING

Considerations when choosing courses:

- Selecting appropriate courses should be done in consultation with parents and counsellors.
- Graduating from grade 12 on time should be the first goal; therefore, choosing appropriate academics is crucial (ie. Workplace Math vs Foundations of Math vs Pre-Calculus)

English	French Immersion
1. English 9	1. English 9
2. Math 9 or Linear Math 9	2. Math 9 or Linear Math 9
3. Physical and Health Education 9	3. Éducation Physique et Santé 9
4. Science 9	4. Sciences 9
5. Social Studies 9	5. Humanities 9 (Fral 9 et Sciences Humaines)
6. Elective	6. Humanities 9 (Fral 9 et Sciences Humaines)
7. Elective	7. Elective
8. Elective	8. Elective

Note: Careers 9 will be delivered throughout the school year online through TEAMS with the use of the website www.myblueprint.ca

BUSINESS EDUCATION

COMPUTER PROGRAMMING 9

This course explores the two key languages that bring the web to life: HTML and CSS. You'll begin by learning how HTML is used to organize and structure web content, creating the fundamental framework for any webpage. This includes learning how to use tags to define headings, paragraphs, lists, images, and links, essentially building the skeleton of a website. Then, you'll discover how CSS is used to control the presentation of that content, adding style, color, fonts, and layout to make it visually appealing and easy to navigate. Importantly, you'll also learn how CSS can be used to make websites responsive, meaning they adapt seamlessly to different screen sizes, from desktops to tablets and smartphones. This process of building structure with HTML and then styling with CSS, including responsive design, is the foundation of modern web development. By learning both, you'll gain skills valuable for careers in web design, content creation, and user experience (UX) design. This course is available to all students. You do not need any experience in web design or coding.

DIGITAL MEDIA ARTS 9

This course allows students to engage in learning the technical and design-oriented skills of digital media. The modules include digital video and audio production, 2D animation, 2D imaging and design, digital photography and desktop publishing. Software titles used in this course include The Adobe Creative Suite (Photoshop, Flash, Fireworks, Premiere, InDesign), Audacity, GIMP and Handbrake. Some course projects include high quality photography based on sound composition principles, magazine layouts that adhere to accepted design principles, custom sound creations, high-quality digital video and interactive 2D animations.

ENTREPRENEURSHIP AND MARKETING 9

This course is your introduction to the world of business. It covers five critical areas of learning as identified by the Ministry of Education: business skills, communication in a business environment, digital literacy, financial literacy and ethical, moral and legal considerations.

ENTREPRENEURSHIP AND MARKETING 10

This course is a continuation of Entrepreneurship and Marketing 9. Critical areas of learning as identified by the Ministry of Education include: business skills, communication in a business environment, digital literacy, financial literacy and entrepreneurship are explored. Stock market and current business events are introduced and discussed in group settings.

WEB DEVELOPMENT 10

Want to code interactive websites that do more than just display information? This course focuses on JavaScript, the language that powers modern web experiences. You'll review HTML and CSS to build the structure and style of web pages, then jump into JavaScript to learn how to use information to create dynamic features and user interactions. You'll learn to code using both text editors and visual tools, and explore best practices for web accessibility and compatibility. This course provides a solid foundation for careers in web development and related digital fields. This course is available to all students. You do not

need any experience in web design or coding.

ACCOUNTING 11

This is an entry level accounting course that will cover the fundamentals of accounting concepts. This is an excellent course for students who might consider a career in accounting, bookkeeping, or in managing a small business. Students will combine written applications with computer spreadsheet software, word processing and collaborative cloud computing.

ACCOUNTING 12

Recommended: Accounting 11

Students continue developing accounting theory learned in Accounting 11. Students develop further accounting concepts for a merchandising business, and small business accounting. A closer look is taken at Simply Accounting software and assessing businesses financial strength and investing.

COMPUTER PROGRAMMING 11

Ready to learn a skill that's in high demand? This course introduces you to Python, a powerful and versatile programming language used in everything from web development to data science. You'll learn the fundamentals of coding and how to use Python to create practical programs. You'll learn how to work with different types of information, from simple numbers and text to more organized collections of data like lists. You'll learn how to make decisions in your code, repeat actions automatically, and efficiently manage and use the information your programs work with. You'll also learn how to find and fix errors in your code. By the end of the course, you'll have the skills to build your own projects and a solid foundation for further exploration in computer science. This course is available to all students. You do not need any experience in coding.

COMPUTER PROGRAMMING 12

Interested in a career in software development? This course is your first step! You'll learn Java, a language used to build everything from mobile apps to enterprise software. You'll learn the core concepts of programming and how to use Java to create functional programs. You'll learn how to store and manipulate information within your programs, using different data types to represent everything from simple numbers to complex lists of data. You'll also learn how to control the flow of your programs, create reusable code, and get hands-on experience debugging and refining your work. By the end of the course, you'll have a solid foundation in Java and the skills to start building your own software projects. This course is available to all students. You do not need any experience in coding.

ECONOMICS 12

Economics is the study and social science of how society uses its limited resources and develops an analytical approach to understanding issues including what determines the price of different products, to the causes and consequences of unemployment and also to the benefits of different forms of competition. As our world becomes increasingly integrated by trade, finance, and commerce, this course will give students the competitive edge required to survive financially outside the classroom. This course is designed to help students gain knowledge and expand their understanding of the economic landscape outside our classroom walls in which society lives and works. Students will also continually work on personal growth development and cover topics such as: Financial planning, negotiation skills and personal branding. Economics 12 is an approved Grade 12 course for students looking to pursue SFU's Beedie School of Business and UBC's Sauder School of Business.

ENTREPRENEURSHIP 12

In a rapidly changing economy, entrepreneurial skills are essential. This course will significantly improve and help students acquire many entrepreneurial skills, while also providing students with knowledge around entrepreneurship. Students will develop a “growth mindset” around items such as: personal and social development, networking, negotiation, small business ventures, investing and financial planning. Shifting your mindset to the “entrepreneurial way” is vital to profitable ideas and successful businesses.

MARKETING AND PROMOTION 11

A practical, activity-based course providing students with opportunities to examine the nature and role of marketing in both a local and global context. Learn how marketing helps businesses determine and meet customer needs (marketing research); how businesses offer, promote and deliver products (promotions and pricing); develop effective ways to meet customer needs (products); and explore the nature of the world economy (place). In some instances, students will have the opportunity to apply these skills in team-based challenges.

MEDIA DESIGN 11/12

Do you want to make beautiful, functional designs using cool tools like Adobe Photoshop and Adobe Animate? Creating successful designs involves not only understanding the tools, but also the processes. In this course students will focus on both. You will learn design principles using various tools including both 2d and 3d (Photoshop, Illustrator, Blender, Animate) as well as "Office-type" cloud-based collaborative tools. This course introduces students to the processes involved in design, including an emphasis on pre-design tasks (choosing design opportunities), defining designs, ideating and prototyping, and finally, testing and feedback.

CAREER EDUCATION

CAREER CENTRE

The Career Centre in B113 welcomes all students providing information and guidance on:

- Volunteer Opportunities
- Post Secondary Information
- District Initiatives
- Career Counselling
- Self Assessments: myBlueprint
- Résumé and Cover Letter Assistance
- Career Exploration Events
- Work Experience Placement
- Scholarships

CAREER EDUCATION

In Career courses students refine personal career-life development goals through experiential learning, cultivating community connections, gathering evidence of learning, and reflecting on skill development. They explore post-graduation possibilities in diverse educational, work, and personal life contexts and build the personal career-life management skills needed to effectively pursue who they want to be in the world. Career-Life Education (CLE) and Career-Life Connections (CLC) are part of the graduation requirements, and Career-Life Connections includes a career-life exploration component and a capstone. For many students, contemplating career-life possibilities becomes prominent for the first-time during

grades 8-12. The Career Education curriculum in grades 8-12 encourages students to move from exploring various career-life possibilities and practicing employability skills to applying their self-knowledge and career-life strategies in various contexts.

CAREER EDUCATION 8 & 9

Careers 8 and 9 focuses on identifying personal preferences and skills, researching career-life options and creating goals. Students will obtain credit for Careers 8 and 9 by participating in school, 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 course content is online. Careers 8 and 9 activities are completed on TEAMS and www.myblueprint.ca.

CAREER LIFE EDUCATION (CLE)

Career-Life Education focuses on gaining a clear understanding of career-life development knowledge, skills, and strategies for life's journey into adulthood, and includes:

- Exploring career possibilities for adult life, such as roles, opportunities, and community resources;
- Examining ways to publicly represent ourselves both face-to-face and in digital environments;
- Practicing inclusive and respectful interactions for various community and work-related contexts;
- Connecting and engaging with supportive community members; and
- Researching post-graduation options and planning resources, such as labour market trends, budgeting tools, and workplace safety guidelines.

CAREER LIFE CONNECTIONS (CLC)

This course helps students apply career-life management skills to their personal life journey. It focuses on deepening self-knowledge to inform future plans, developing self-advocacy and employment strategies, and building social capital through leadership and collaboration. Students will engage in at least 30 hours of experiential learning, such as volunteer work, entrepreneurship, or passion projects, and design a capstone project to showcase their growth and next steps.

- **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)

Work Experience is intended to assist in preparing students for the transition from secondary school to the world of work or further education and training. The community becomes the classroom where students gain knowledge and experience about the workplace and are provided with a frame of reference to review their career development goals. By extending education beyond the school, students will be able to access a wide and varied scope of work experience opportunities in the community.

PANORAMA RIDGE CAREER PROGRAMS

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, exploration of different careers, preparation for further education and training in a career area and providing very specific

career pathways.

District Partnership Programs: <https://www.surreyschools.ca/careereducation/page/131053/partnership-programs>

Dual Partnership Programs: <https://www.surreyschools.ca/careereducation/page/131052/dual-credit-courses>

CO-OPERATIVE EDUCATION PROGRAMS

Co-operative Education is a one-semester, educational program that normally includes two or three academic courses, and Work Experience 12A and 12B. Students receive the required number of hours of instruction for each course and all curricular material is covered. The co-op program is designed to enhance a student's education through incorporating work experience into their program. At Panorama Ridge we offer Community Leadership Co-op 11 in semester 1 and Science Co-op 11 in semester 2.

Community Leadership Co-op 11 (24 credits)

English First Peoples 11 Physical and Health Outdoor Education 11 Work Experience 12A Work Experience 12B Career Life Connections 12 PHE 11
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Science Co-op 11 (24 credits)

Physics 11 Chemistry 11 Work Experience 12A Work Experience 12B Career Life Connections 12 Lab Tech 11

ENGLISH

HUMANITIES 8

Grade 8 students are assigned the same teacher for both English and Social Studies in a combined year-long course (one block in each semester). The history content lends itself to the development of English skills, while literature and writing enhance Social Studies learning. Some lessons and units will be integrated, while others may be developed separately.

Humanities develops competency in reading, writing, speaking, listening, viewing, representing, researching, as well as specific historical ways of thinking (causal factors, significance, turning points, progress and decline, short and long-term consequences, perspectives, ethical judgements, evidence analysis). The course stresses an independent and active approach through cooperative learning, critical thinking, and creative problem solving.

English Component: Reading, writing, oral communication, viewing, representing, grammar, English literature, short stories, novel study, and poetry.

Social Studies Component: Geography, including maps, graphs, and charts. History, from 600 to 1750 CE, including contacts and conflicts, human and environmental factors, exploration, expansion, and colonization, changing ideas over time, and how these influences caused cultural, social, and political changes around the world.

ENGLISH 9

This course is designed to be a rich, engaging, and thought-provoking experience in order to help students further develop their skills as a writer, listener, speaker, critical thinker, and global citizen. Students will deepen their understanding of themselves, others, and the world through the study of various texts, stories, and forms of media. Successful completion of the course means that students have shown their learning in different formats, such as essays, speeches/presentations, creative projects, journals, and discussions.

CREATIVE WRITING 10 & 11

These courses provide students with opportunities to become better writers by developing and honing their own voice and style, and they will improve their communication skills by using their creativity as a foundation for all genres of writing. Through the examination of various texts – including but not limited to memoirs, scripts, poetry, and podcasts – students will “read like a writer” and discuss how its content is written rather than simply what is written.

FOCUSED LITERARY STUDIES 10 & 11

These courses provide students with opportunities to explore various genres of literature from around the world and to think about how these texts influence readers on a personal level as well how they reflect and impact society. Students will work on reading, writing, speaking, and critical thinking to develop and demonstrate a multifaceted understanding of these texts.

NEW MEDIA 10 & 11

These courses provide students with opportunities to explore the role of media in their lives and the world. In particular, students will explore the ways in which media impacts and influences their life. New Media 10 focuses on their own relationship with media; New Media 11 focuses on the world's relationship with the media. In both courses, students will use the lens of mass and social media to read, write, discuss, and evaluate a variety of texts including poetry, short stories, and novels.

ENGLISH FIRST PEOPLES 11 & 12

EFP 11 and EFP 12 explore First Peoples literature through a lens that not only recognizes the history of First Peoples, but also the present and future. Students will strengthen and enhance their literacy and critical thinking skills through a variety of oral, visual, and written text that focus on First Peoples voices and stories. Through this literary exploration, students will gain insight into the themes of identity, Canada as a settler-colonial country, and the complexities around the process of Reconciliation.

Students can take one or both EFP courses. Successful completion of either course fulfills the Indigenous-focused graduation requirement, and successful completion of EFP 12 fulfills the English Language Arts credit required for graduation.

ENGLISH 12

This is a course designed to strengthen and enhance students' literacy skills (reading, writing, listening, speaking) and critical thinking through the exploration of diverse texts and the ideas presented therein. This course will combine learning from Composition, Creative Writing, Literary Studies, New Media, and Spoken Language so students will graduate with all the skills needed to communicate purposefully in the world beyond high school.

Students who choose this course must take EFP 11 and/or Contemporary Indigenous Studies 12 (offered by the Social Studies Department) to fulfill the Indigenous-focused graduation requirement.

HOME ECONOMICS

FOOD STUDIES 9

Do you have an interest in foods and their preparation? Basics from A to Z: appetizing snacks to meals with zest are all part of this course. Understand and enjoy the foods of today through planning, purchasing, preparing and presenting. 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.

TEXTILE STUDIES 9 / 10

If you want to replicate the latest fashions or if you want to create your own projects with special designs, colours, and fabrics, then this course is for you. You will master basic sewing techniques, learn to interpret commercial patterns, use a serger and other time-saving tips to give a professional finish to a variety of individual sewing projects. Students will also learn about fibres, garment care, design applications, social

influences on textiles and the role of textiles in First Peoples cultures.

FAMILY STUDIES 10 – 12

This comprehensive course explores the dynamics of family and society, human development, relationships, and independent living. Students will examine family roles, child development, and the challenges families face, including housing, emotional, and global issues. Key topics include nurturing techniques, parental rights and responsibilities, positive relationship-building skills, and recognizing unhealthy dynamics. The course also covers practical skills for independent living, such as housing choices, financial planning, and legal responsibilities. Through a mix of theoretical and hands-on learning, students will gain the tools to navigate personal and family life successfully.

FOOD STUDIES 10

How does food bring us together? Explore authentic foods to understand and enjoy the foods of today to become a true gourmet. Develop competency and creativity in food preparation and presentation. Look at First Peoples food protocols. Apply food safety, food trends, factors that affect food choices to design, create and market your food product too!

FOOD STUDIES 11

What is Canadian Cuisine? Explore the economical, physical, cultural, societal, psychological, ecological and global aspects of food. Understand more than the basics and begin to plan for living on your own. Use creative expression in food preparation and presentation. This course will include experimental cookery and will help students learn the terms, techniques, equipment, methods and ingredients used in preparing quality dishes. Students will begin to cater small scale events when permitting and explore career options in the food industry and practice non-transferrable skills.

FOOD STUDIES 12

What does it take to become PR's next top chef? This course has been designed for the eager cooking enthusiast to become skilled in gourmet cuisine and those looking to pursue a career in the industry. Students will apply advanced cooking and baking skills to present dishes with flare using professional ideas and secrets. Students will engage in a friendly culinary competition at the end of the semester. Students will continue to explore career options and practice non-transferrable skills in the food industry by catering small to medium-sized events and participating in local competitions when permitting.

TEXTILE STUDIES 11

This class will emphasize on applying advanced sewing techniques on various projects. Topics will include elements and principles of design, fashion illustration, wardrobe planning, pattern alteration, sustainability in the textile industry, fashion marketing, and designs in First Peoples textile items. You will continue to use the serger and be introduced to using the computerized sewing machine.

TEXTILE STUDIES 12

This course is an advanced course for you, if you wish to further your knowledge in the textile industry. Textile Studies 12 will include contemporary tailoring techniques and the techniques required for working with difficult fabrics. You will increase their knowledge in fitting and clothing construction. You will also begin to explore pattern design, textile manipulation, forecasting in the textiles industry, legislation and historical uses and modern influences of textiles that includes First Peoples.

INDUSTRIAL TRADES EDUCATION

The courses offered in the Industrial Trades Technology department are a great opportunity for students to develop a wide variety of skills from design and construction to material use and finishing. With today's job market eagerly looking for trades qualified workers, students in these courses have the added advantage of transitioning from high school directly to trades training and trades careers. Whether its personal interests or career interests that grab your attention, these courses are open to everyone.

DRAFTING 9/10

This course will provide students with a basic understanding of drafting and design and its value in many careers. Students will see how drafting relates to everyday life while learning proper drafting conventions such as lettering, dimensioning, and view projections while completing several teacher directed projects. Students will be introduced to 3 main areas: sketching, board drawing, and CAD (Computer Assisted Design) while completing both architectural and mechanical drawings. This course can be a great asset to any other Industrial Trades Technology course.

METALWORK 9/10

Metalwork 9 and 10 are introductory courses that teach students how to use metalworking machinery, tools, and processes. With a strong emphasis on safety, students will have the opportunity to experience machining, lathe work, welding, sheet metal, and jewellery making while completing several teacher directed projects which are intended to build student skills and confidence in preparation for senior metalworking courses.

WOODWORK 9/10

The primary focus of Woodwork 9 is to develop safe and efficient operating techniques with woodworking machinery. All major and portable power tools are used by the students in the production of their project. Upon completion of Woodwork 9, students will have an understanding of good cabinet design and structure. Further, they will be introduced to the use of a table saw, planer, jointer, mitre saw, and hand tools. Woodwork 10 continues to build on the skills established in Woodwork 9. Individualized project design is the norm, with projects ranging from coffee tables and benches to bookcases and desks. All aspects of construction from lumber ordering to finishing techniques will be covered during the course. Skill level will determine project selection.

ART METAL & JEWELLERY 12

Art Metal & Jewelry 12 is a specialty course which will primarily focus on the design and creation of advanced art metal projects. Using new and re-claimed metal, students will be expected to challenge themselves in creating several artistic projects that could include jewellery making, metal sculpting, plaques and signs and more. The student's artistic creation could be a stand-alone project or an enhancement of a value-added project. Safety will be top priority and skill level will determine project selection.

DRAFTING 11/12

This course will look at mechanical and architectural drawing and design using a combination of manual

and computer drafting. While CAD will be primarily used, sketching and hand drawing will allow the students to develop their skills around drafting conventions such as lettering, dimensioning, and view projection. Through a series of teacher/student designed projects, students will gain an appreciation for drafting and the asset that it can be in life, school, and career options.

FURNITURE & CABINETRY 12

While using machines and tools such as the table saw, planer, jointer, and portable power tools, students construct a teacher/student designed project that will cover all construction aspects from design and lumber ordering to finishing techniques. This is an excellent hands-on course in which to build a great piece of furniture. Furniture & Cabinetry 12 is an advanced woodworking course. Students will be expected to further their skills and challenge themselves in the creation of a student designed project. Students could use different materials, techniques and designs in the construction of their project while safely using all available tools and machines. Skill level will determine project selection for both courses.

MACHINING & WELDING 12

Machining & Welding 12 is an advanced metalworking courses. Students will be expected to further the skills learned in Metalwork 9 and 10 to challenge themselves in order to create a project of their own design. Using all the metalworking machines and tools, students will have the opportunity to build a variety of projects that will cover everything from design and metal ordering to finishing techniques for metal. Many metalworking processes will be used in this course, including welding (stick, MIG, oxy-acetylene), cutting (gas, plasma, machine), mill and lathe machining and art metal. Skill level will determine project selection.

METALWORK 11/12

Metalwork 11/12 is a course that expands on the fundamentals taught in Metalwork 10 through a focus on structural design and fabrication using steel. Students are provided with an opportunity to improve their knowledge and skills in this area through project-based learning. Activities: Labs based on a variety of weld joints, and student designed projects such as shelves, storage boxes and racks, furniture, etc. leading towards a major project.

WOODWORK 11/12

This specialty course will specifically focus on the design and construction of wood products. Students can make use of engineered wood products, composite materials and solid wood when designing and building projects like bookcases, kitchen cabinets, desks, wall units and more. Students will use specific construction techniques including drawer construction and rail and stile doors in the manufacturing process. Students will also be expected to identify and use an appropriate selection of hardware, fasteners, and adhesives in the assembly of the project. Skill level will determine project selection.

ANIMATION 11/12

Explore the world of computer animation and design using Maya software to create 3D models, textures, lighting, and animations. This course combines computer-based techniques with hand sketching and covers storyboarding, special effects, and video production. The course introduces students to the world of Computer Animation and Computer (CG) Arts. Animation engages students in a problem solving design process, an artistic process and a technical process. Perfect for creative, independent learners interested in animation, video games, or film. No prerequisites required!

INTERNATIONAL LANGUAGES

FRENCH 8

In French 8, students will begin to develop skills in the four areas of language acquisition - listening, speaking, reading and writing. They will use French as a tool to communicate about: themselves (family, school, favourite activities), personality, and shopping. Students will have opportunities to demonstrate their learning in various ways. Students will be introduced to Francophone culture.

FRENCH 9

In French 9, students will continue to develop their second language learning skills. The focus will be to use French to communicate both orally and in writing about themselves, fashion, music, film, food, grocery shopping, and Francophone culture. Students will continue to demonstrate their learning through interactive projects and conversational opportunities.

FRENCH 10

In French 10, students continue to develop skills in the four areas of language acquisition—listening, speaking, reading and writing. They will use French to communicate both orally and in writing with an increased emphasis on using French in authentic, real-life contexts. Topics explored in are travel, directions, ordering food, and experiencing French culture. Students will demonstrate their learning through projects, conversations, and assessments.

FRENCH 11

In French 11, students will continue to improve and develop their language skills, particularly verbal interaction. There will be a focus on using French in authentic / real-life contexts, and a more in-depth exploration of Francophone culture. The topics covered in the course include routines, ethnic cuisine and memories. Students will demonstrate their learning through various projects, conversations, and assessments.

FRENCH 12

Students will continue to work with more complex structures to improve their oral and written communication. There is some emphasis on literature (short stories and novels) and conversational French that relates to everyday interactions and travel in a French-speaking environment. Students in this course will have the opportunity to write the DELF exam, an internationally recognized assessment that provides students with official certification of their language ability/proficiency.

PUNJABI 9

This is an introductory course for students who have no background with the Punjabi language. The course aims to teach students the fundamentals of the Punjabi language to develop communication skills. Students will learn and practice the alphabet, vowels, and basic vocabulary. The course will give students some insight into Punjabi history and culture. Students with prior knowledge of Punjabi are not eligible for this course but are encouraged to enroll in Punjabi 10.

PUNJABI 10

This course will introduce students to simple grammar and higher-level vocabulary. The students must have some prior knowledge of the alphabet and sounds. They will learn to read and write simple sentences. Students will further develop skills in listening, speaking, reading, and writing. Punjabi culture is explored with an emphasis on history, festivals, and music.

PUNJABI 11

In Punjabi 11, students will continue to improve and develop their language skills, including reading, writing, speaking and listening. They will build on their skills developed in Punjabi 10 and students will work to develop more complex vocabulary, grammar and paragraph writing in the target language. Punjabi poetry, literature, culture, and history is also taught through well developed lessons in this course.

PUNJABI 12

This course will strengthen and build on the skills developed in Punjabi 11. Students will use a wide range of vocabulary and expressions to communicate their opinions during discussions. They will also work with a variety of tenses as well as complex grammar to improve their oral and written skills. Students will read and write newspaper articles, advertisements, letters, essay, map directions and short stories.

SPANISH 9

This course is open to all students in grade 9 and is an introduction to both oral and written communication in Spanish. The focus of this course is purposeful use of Spanish to perform tasks, share ideas and acquire information. The following themes will be explored: greetings, school, everyday activities, family life and clothing.

SPANISH 10

In Spanish 10, students continue to increase their ability to communicate effectively in Spanish. Students will actively participate in language tasks (listening, speaking, reading and writing) both individually and in small groups. Themes include chores, party preparations, sports, health, vacations and leisure activities.

INTRO SPANISH 11 (This is an accelerated course)

This course is open to all grade 10,11, 12 students who have not completed Spanish 9 & 10. This is an introductory and accelerated course consisting of content from both Spanish 9 and 10 (it is like two semesters in one). This academic course can be challenging due to its condensed nature. Students will actively participate in language tasks (listening, speaking, reading and writing) both individually and in small groups. Students in Intro Spanish 11 will acquire the vocabulary and grammar required for Spanish 11.

SPANISH 11

This course will strengthen and build on skills (reading, writing, speaking, listening) developed in Spanish 10 and Intro Spanish 11. Students will learn to further express ideas and opinions in two types of past tense, as well as further develop the present tense. The following themes will be explored in the course: sports, daily routine, travel and the market. Students will also explore diverse forms of cultural expression.

SPANISH 12

Spanish 12 fulfills the requirement of most universities that require a Language 12 for graduation from Bachelor of Arts programs. Students continue to work in a variety of verb tenses and begin to become proficient in the use of the subjunctive moods and the future tense. Students will also work with complex

grammar to improve their oral and written skills. Please be aware that Spanish 12 may not be offered every year.

LEARNING SUPPORT

Panorama Ridge Learner Support Team (LST) is dedicated to the fostering diverse needs of students toward individualized goals. The inclusion model supports students in the regular classroom by using a variety of interventions. Assistance is provided through collaboration with classroom teachers, small group pull outs, in-class assistance and drop-in support. Students may be offered an LST Support Block where they may receive assistance with their class work.

MATH PREP 8-12

This is a preparatory Math program which is specifically designed to help students review/develop essential mathematical skills necessary for success in regular Math 8-12 courses in school. It typically supports students who have been identified by the school support teams as needing targeted instruction in this area. The course focuses on providing a supportive learning environment that integrates language development with mathematical concepts, ensuring that all students can effectively engage with and comprehend mathematical content.

ENGLISH LANGUAGE LEARNERS (ELL)

The Welcome Centre provides a Bridge to Success program for newcomer students at the Beginning level of English who have had gaps in their education. After being assessed at Panorama Ridge Secondary, LST teachers may apply to the Bridge to Success program for students to gain skills that will orientate them to education in Canada and help them gain foundational English language. When the student returns to Panorama Ridge Secondary they are assigned, classes appropriate to their level.

ELL 1 (Beginning and Developing) and ELL 2 (Developing and Expanding) students may receive up to four ELL classes while ELL 3 (Expanding and Consolidating) students may receive up to three ELL classes. ELL 1 (Beginning and Developing) – Students will work on building a foundation for language and literacy skills - reading, writing and oral communication. Emphasis will be on increasing vocabulary and sentence structure.

ELL 2 (Developing and Expanding) – Student will continue to strengthen their language and literacy skills—reading, writing, and oral communication. Emphasis will be on grammar, complex sentence structures, and the writing process.

ELL 3 (Expanding and Consolidating) – Students will work on mastering language and literacy skills--reading, writing and oral communication. Emphasis will be on increasing comprehension and academic writing.

LIBRARY SCIENCE 11 AND/OR LIBRARY SCIENCE 12

Application & Interview required: Students must demonstrate proficiency in English Language Arts, interest in books, research, and computer technology. In addition, a student should have some interest in career exploration and in working in a job-related environment.

This is a practical course, and students will be involved in the management of the library learning commons. Knowledge and skills in the areas of interpersonal communication, information retrieval, information technology, and research will be taught. A positive attitude towards library, media and technology, and a good work ethic will be encouraged.

PEER TUTORING 11 AND PEER TUTORING 12

Application required: Students must demonstrate good grades, good work habits, good attendance, and a sincere interest in helping others and developing leadership skills.

This course offers students the chance to learn by teaching, developing skills in communication, organization, and leadership while supporting diverse learners. Peer tutors play a vital role in the classroom, modeling effective study habits and building interpersonal skills to motivate their peers. The course also fosters self-awareness and explores careers in the helping professions.

MATHEMATICS

MATH 8

Elementary school provides a strong foundation in arithmetic, preparing students for success in high school math. Math 8 will continue the building of the 4 curricular competencies of mathematics 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: Number Theory, Algebraic Computation, Linear Relations, Geometry and Data Analysis.

MATH 9

This is an academic course designed to prepare students for the rigors of senior mathematics. Students will expand on their learning from Grade 8 in new and abstract ways, developing the algebra, reasoning and communication skills required to find success in Foundations of Math & Precalculus 10. Students will be recommended by their teacher for either Workplace Math 10 or Foundations of Math & Precalculus 10 based on the work habits, skills, and achievement demonstrated in Math 9.

LINEAR MATH 9

Linear Math 9 is a full-year course designed for students who experienced challenges in Math 8 due to the speed of instruction or gaps in foundational knowledge. The course aims to cover all the same material as Math 9 while also providing the additional time, support, and practice required to develop the skills and confidence necessary for success in future mathematics courses, particularly Foundations of Math & Precalculus 10.

WORKPLACE MATH 10

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into most trades' programs and for direct entry into the work force. Topics include number, algebra, geometry, measurement, finance, statistics, and probability. Students that demonstrate strong standing in Workplace Math 10 (above 85%) can enroll in Foundations of Math & Precalculus 10 in a subsequent semester if they wish to eventually take Foundations Math 11 and Foundations Math 12.

WORKPLACE MATH 11

This course expands on the learning from Workplace Math 10 and is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into most trades programs 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.

FOUNDATIONS OF MATH & PRE-CALCULUS 10

This is a rigorous academic course designed to expand on the five major stands of mathematics. This course will prepare students for further study in Mathematics and Science. Strong standing in this course is required to be successful in Precalculus Math 11

FOUNDATIONS OF MATH 11

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, Criminology, Arts or Humanities. Topics include measurement (rates & scales), geometric reasoning (angles and triangles), non-right triangle trigonometry, logical reasoning, spatial puzzles, statistics, 2- variable linear inequalities, quadratic functions, and history of mathematics.

FOUNDATIONS OF MATH 12

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 everyday application. Topics include geometry, logarithmic and sinusoidal functions, combinatorics, finance and probability.

PRE-CALCULUS 11

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, Maths, or Engineering. Topics include expressions and equations (radical, rational), trigonometry quadratic functions and equations, systems of equations and inequalities.

PRE-CALCULUS 12

This is an advanced academic elective course 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.

CALCULUS 12 (AB)

Must have completed Pre-Calculus 12

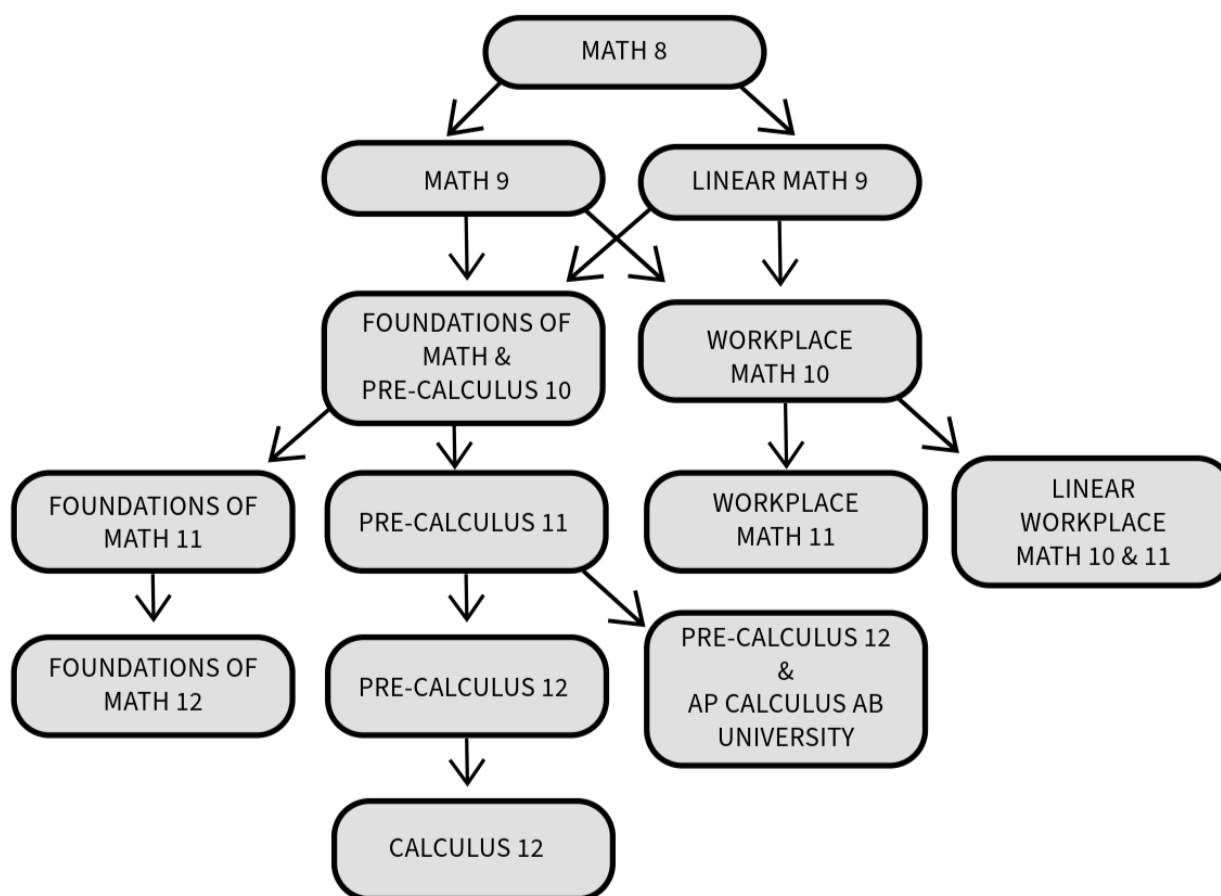
This is a rigorous and challenging academic elective course for highly motivated students who enjoy math and are planning on attending college or university to pursue studies in Science, Mathematics or Engineering. Students will engage in activities primarily involving differential calculus with an introduction to integral calculus.

PRE-CALCULUS 12 + AP CALCULUS 12 (AB) YEARLONG

Recommended: Very strong standing in Pre-Calculus 11 (85% or higher).

This is a year-long course designed for students who wish to write the AP Calculus exam in May to possibly receive university credit. This course will give students credit for 2 courses Pre-Calculus 12 and AP Calculus 12. This will be a fast paced and intensive course designed for highly motivated students and will require a strong math focus

MATHEMATICS PATHWAYS 2025-2026



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PERFORMING ARTS

DRAMA COURSES:

DRAMA 9

In Drama 9 we create daily and weekly projects together and play-acting games. We create Halloween horror scenes, movie trailers, comedy skits, and serious scripted pieces. The major part of class time will be spent hands on, with students participating in large and small group projects. Full participation in taking risks to grow is encouraged.

DRAMA 10

In Drama 10, includes improv workshops, acting games, comedy skits, student written serious scripts, physical theatre and voice work. Students explore areas such as improvisation, voice and movement, scene work, and continue to increase their exposure to various theatrical skills and terminology. Students will be introduced to directing, script writing, stage management, and production. Personal awareness and self-discipline play an important role throughout the course.

DIRECTING AND SCRIPT DEVELOPMENT 11 - By Teacher Interview Only

You must speak with the teacher, Ms. Coupar, if you wish to participate in this course, as it is by interview/application only. This is for students with a strong interest in expanding their theatrical skills as directors and writers. This is an intensive self-directed course, where you will be attached to a junior class, and will have the opportunity to write and direct selected students in that class.

DRAMA 11 & 12

Have you always wanted to try acting? It is not too late! Acting 11 and 12 accepts all levels of experience. We value risk, bravery, creativity and teamwork. Projects include rants, stand-up comedy, improv teams, mask, freestyle student written scenes and serious and comedy scripts. Character development and script work are focused on at this level. Personal awareness and self-discipline play a very important role throughout the course, as do journal writing and personal reflection.

THEATRE COMPANY 10, 11 & 12 – By Audition Only (May/June)

Panorama Ridge Theatre Company is a 4-credit course offered outside the regular school timetable and is based on the model of a professional theatre company. Grade 10 – 12 students will gain experience in acting, performance, stage management, and technical theatre as our collective works to produce a full-length musical, or regular play, which is presented to the school and the community in the spring. Classes are held after school 2 days a week, with a much-intensified time commitment when the show is in full rehearsal mode. Entrance is by audition only with Ms. Coupar. Auditions will take place in the spring.

THEATRE PRODUCTION 11 & 12: TECHNICAL – By Interview with Teacher Only (May/June)

Panorama Ridge Theatre Company is a 4-credit course offered outside the regular school timetable and is based on the model of a professional theatre company. Stagecraft requires a passionate curiosity about the arts and how theatre is made. A significant amount of time outside of class after school is a requirement of this course, as we are responsible for putting on the school play or musical. The course will cover all

aspects of theatre which do not include acting or performing and explores how we tell a story in theatre through technical elements. We will look at all behind the scenes aspects of theatre: set design, lighting, sound, make-up, costuming and stage management. In addition to technical skills, “techies” will participate in communication and teamwork workshops to develop the vital interpersonal skills needed to be part of an effective creative team.

MUSIC COURSES:

BEGINNER GUITAR 9-12

In Beginner Guitar students will learn basic chord patterns in folk, pop, and rock styles. They will also develop a basic understanding of music theory, note reading (in traditional notation and tab), rhythm, finger-picking patterns, and various left-hand techniques. No previous music or guitar experience necessary.

INTERMEDIATE GUITAR 9-12

In Intermediate/Advanced Guitar, students will explore increasingly difficult repertoire. Students will learn various finger-picking patterns, alternate tunings, scales, modes, jazz chords, and multiple styles of playing. The emphasis in this course is on individual and small group practice and instruction. Previous music and guitar experience are required.

CONCERT BAND 8

Band 8 is designed to introduce the student to the challenge and excitement of the Secondary School music program. Students will listen to and perform music in a wide variety of styles (Rock, Classical, Jazz, World Music). Students will receive instruction in correct technique, music reading and listening skills. Band 8 students will perform at numerous École Panorama Ridge Band concerts, the Surrey Grade 8 Band Revue, and will have the opportunity to participate in a 3-day performance tour to the Kelowna area. Evaluation will be based on progress, class participation, attitude, and participation in performances.

JAZZ BAND 8

This course will introduce students to the elements of playing jazz styles of music (Swing, Latin, Rock, and Ballad) and improvisation. Members of this group will require strong musical skills and a high degree of commitment in music preparation, rehearsals, and performance. Students will perform at École Panorama Ridge concerts, Jazz & Java, the Surrey Jazz Festival and on extra-curricular tours. This class will meet twice a week outside of the regular timetable (ie. Monday and Thursday mornings from 7:15 to 8:25 am). As Jazz Band 8 is a full-credit course, enrolling students will have 9 courses on their transcript. Evaluation will be based on progress, class participation, attitude, and participation in performances. *Co-requisite: Must be enrolled in Concert Band 8.*

CONCERT BAND 9

Concert Band 9 is designed to further develop the skills and attitudes learned in Concert Band 8. Emphasis will be on correct technique, leadership and individual responsibility to the group. Students will receive instruction on their instrument, notation, ear training and counting. Students will experience a significant increase in complexity of music over the previous band levels. Students in Concert Band 9 will perform at École Panorama Ridge concerts, the Surrey Concert Revue at the Bell Centre, and on extra-curricular band retreats and tours. Performances are required course work.

JAZZ BAND 9 & 10

In this course, students will develop a concept of jazz styles (Swing, Latin, Rock, Ballad) and improvisation. 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 École Panorama Ridge concerts, Jazz & Java, the Surrey Jazz Festival, and on extra-curricular tours. This class will meet twice a week outside of the regular timetable (likely Monday and Thursday 7:15 to 8:25 am). As Jazz Band 9 is a full-credit course, enrolling students will have 9 courses listed on their transcript. Evaluation will be based on progress, class participation, and attitude, and participation in performances. *Co-requisite: Must be enrolled in Concert Band 9 or Concert Band 10.*

CONCERT BAND 10

This course is designed for students who have reached a high level of proficiency on their band instrument. Students will perform at École Panorama Ridge concerts, the Surrey Concert Band Revue at the Bell Centre, and on extra-curricular band retreats and tours. Evaluation will be based on progress, attitude, and participation in music department activities, including performances.

CHOIR 8/9

This course is designed to introduce students to the elements of singing in a choral setting. Students will sing a wide variety of music and will receive instruction in correct technique, music reading and listening skills. Students will perform at numerous École Panorama Ridge Music concerts, a choral revue and will have the opportunity to participate in various extra-curricular tours. This class will meet twice a week outside of the regular timetable (likely Tuesday and Thursday afternoon from 3:00 to 4:15 pm). As Concert Choir 8/9 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, attitude, and participation in performances.

CHOIR 10/11/12

This course is designed to introduce students to advanced choral literature & choral production. Students will sing a wide variety of music and will receive instruction in correct technique, music reading and listening skills. Students will perform at numerous École Panorama Ridge Music concerts, a choral revue and will have the opportunity to participate in various extra-curricular tours. This class will meet twice a week outside of the regular timetable (likely Monday and Wednesday afternoon from 3:00 to 4:15 pm). As Concert Choir 10/11/12 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, attitude and participation in performances.

VOCAL JAZZ 10/11/12

Co-requisite: Must be enrolled in Concert Choir 10/11/12 in order to be enrolled in Vocal Jazz 10/11/12. In this course students will explore the techniques and practices of vocal jazz music, including improvisation and scat, mic technique, and different vocal jazz styles and artists. Members of this group will require strong musical skills and a high degree of commitment in music preparation, rehearsals, and performance. Students will perform at numerous Ecolè Panorama Ridge Music concerts, Jazz & Java, the Surrey Jazz Festival, and on extra-curricular tours. This class will meet twice a week outside of the regular timetable. Evaluation is based on progress, class participation, attitude, and participation in performances.

CONCERT BAND 11 AND 12

Students will develop a high level of musical skills through the practice and performance of a wide range of advanced repertoire. Careers in music will be explored, as well as the goals of enjoyment of music and

critical listening skills for life. Students will perform at École Panorama Ridge concerts, the Surrey Concert Band Revue at the Bell Centre, and on extra-curricular band tours. Evaluation will be based on progress, attitude, and participation in music department activities, including performances.

JAZZ BAND 11 AND 12

In this course students will develop a concept of jazz styles (Swing, Latin, Rock, Ballad) and improvisation. 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 École Panorama Ridge concerts, Jazz & Java, the Surrey Jazz Festival, and on extra-curricular tours. This course will occur in student's regular timetable. *Co-requisite: Must also be enrolled in Concert Band 11 or Concert Band 12.*

DANCE COURSES:

The Dance Program is broken into two levels:

General: Students who do not have any dance experience or up to 3 years of dance experience in ANY genre.

Advanced: Students with five or more years of dance experience in any given genre, either at school or at a studio. (MUST also have training in either jazz, ballet, contemporary OR hip hop) either at school or at a studio. This class is by placement/audition only. Please speak to Ms. Bryson for details.

DANCE 9

This course is for all levels of grade 9 students who have always wanted to learn to dance. Students will learn the basics of multiple genres including hip hop, break and contemporary in a fun and supportive atmosphere. This class is perfect for people of all fitness levels to learn new skills in flexibility, strength and coordination through the learning of choreography. This class would also be appropriate for students who have taken dance in previous years. Students will advance at individual levels and be encouraged to challenge themselves through establishing individual dance goals. Students will have multiple performance opportunities.

DANCE FOUNDATIONS 10/11/12 (GENERAL)

This course is for students who have always wanted to learn to dance but have not yet had the opportunity or who have up to three years of experience in any genre. Students will learn the basics of multiple genres including jazz, hip hop and contemporary in a fun and supportive atmosphere. This class is perfect for people of all fitness levels to learn new skills in flexibility, strength and coordination through the learning of choreography. This class would be appropriate for students who have taken dance in previous years but have not danced recently. Students will advance at individual levels and be encouraged to challenge themselves through establishing individual dance goals. Students will have multiple performance opportunities.

DANCE PERFORMANCE 10/11/12 (ADVANCED)

This course is designed to challenge the advanced dancer and facilitate explorations of the world of dance and performance. This course is appropriate for those with five or more years of dance experience in any genre (one being jazz, ballet, contemporary or hip hop) either at school or at a studio and who have been recommended to the course. In this performance-based class, students will work to view, critique and

create performances in multiple genres, improve technique and create choreography for stage. There will be multiple workshop and performance opportunities as well as opportunities for students to work within their chosen genre of dance. Students must be recommended or receive permission to enroll in this course.

DANCE CHOREOGRAPHY 11/12 – By Teacher Interview Only

This course is for student choreographers and those advanced level dancers, wishing to work towards mentoring students and creating group choreography for stage. Students will be placed with a class and will work under the direction of Ms. Bryson to act as peer tutors and learn to create dynamic pieces for stage, using the choreography, cleaning and planning for stage processes. Students who register for choreography should be either enrolled in an advanced class and/or be members of a senior team.

DANCE COMPANY 10/11/12 – By Audition Only (May/June)

For select students on competing teams; Lyrical, junior hip hop, senior hip hop, and break team. This course will be outside of the regular timetable. It will be held 2 days per week from 3:15 – 4:45 pm. Dance Company will be a fine arts focus. It will focus on rehearsing and performing. Students will work collaboratively to assemble and rehearse their dances. Students will create, rehearse, refine, and perform with a dance company for a variety of purposes and contexts.

PHYSICAL AND HEALTH EDUCATION

PHYSICAL AND HEALTH EDUCATION 8

This course will focus on developing knowledge, skills and attitudes that will enable them to successfully participate in a wide range of physical activities. It will also focus on various aspects of developing a healthy lifestyle, both in and out of school, including healthy eating, daily physical activity and healthy choices that influence overall well-being.

PHYSICAL AND HEALTH EDUCATION 9

This course will continue to develop knowledge, skills and attitudes that will enable students to successfully participate in a wide range of physical activities. It will also focus on various aspects of developing a healthy lifestyle, both in and out of school, including healthy eating, daily physical activity and healthy choices. In addition, students will begin to apply health and physical literacy to their daily lives to enhance overall well-being.

PHYSICAL AND HEALTH EDUCATION 10

This course will build on the foundations set in PHE 8 & 9, continuing to develop knowledge, skills and attitudes that will enable students to successfully participate in a wide range of physical activities. Students will also continue to cultivate their understanding of how healthy eating and daily physical activity contributes to a healthy lifestyle, both in and out of school.

PHYSICAL AND HEALTH EDUCATION 10 – Basketball Training

Through participation in a variety of activities, this course is designed to enable students to improve their personal level of fitness and develop lifelong fitness goals and knowledge of basketball. Students of all fitness levels will set individual fitness goals and develop and maintain a personal fitness program. This course will build on the foundations set in previous PHE courses and continuing to develop knowledge, skills

and attitudes that will enable students to successfully participate in a wide range of physical activities. This course will also focus on basketball skills, weight training and conditioning. Students will also continue to cultivate their understanding of how healthy eating and daily physical activity contributes to a healthy lifestyle, both in and out of school.

ACTIVE LIVING 11 & 12

This course emphasizes developing athletic, recreational, and leadership skills while promoting an active, healthy lifestyle. Students participate in a variety of activities, including team and individual sports, fitness training, and leisure pursuits such as golf, cycling, skiing, racquetball, bowling, hiking, curling, rock climbing, dance, swimming, and roller-skating. The course also explores community resources, leadership responsibilities, and strategies for lifelong physical activity and well-being.

The objectives for students are to:

- participate in and develop skills in a variety of athletic and recreational activities
- value physical activity as a necessary part of an active, healthy lifestyle
- be aware of community resources available for physical and recreational activities
- demonstrate responsibility by fulfilling leadership requirements

ACTIVE LIVING 11/12 - Lifestyles

The Physical and Health Education 11/12 Lifestyles course is an elective course that is open to Grade 11 and 12 students. This course enables students to enhance their quality of life through active living. The focus of this course will be health, nutrition and fitness. Other areas of emphasis are cooperation, individual performance, effort, improvement, and sportsmanship. Lifestyle Physical Education is appropriate for students who are willing to put in a serious effort to improve their lives via physical activity.

ACTIVE LIVING 11/12 – Basketball Training

Through participation in a variety of activities, this course is designed to enable students to improve their personal level of fitness and develop lifelong fitness goals and knowledge of basketball. Students of all fitness levels will set individual fitness goals and develop and maintain a personal fitness program. This course will build on the foundations set in previous PHE courses and continuing to develop knowledge, skills and attitudes that will enable students to successfully participate in a wide range of physical activities. This course will also focus on basketball skills, weight training and conditioning. Students will also continue to cultivate their understanding of how healthy eating and daily physical activity contributes to a healthy lifestyle, both in and out of school.

FITNESS AND CONDITIONING 11/12

Through participation in a variety of activities, this course is designed to enable students to improve their personal level of fitness and develop lifelong fitness goals and knowledge. Students of all fitness levels will set individual fitness goals and develop and maintain a personal fitness program. Students will be engaging in a high level of aerobic activity (running, skipping circuit training, plyometrics etc.) and weight training, while also learning and doing strength training activities outside of the weightroom. This course is excellent for students with a love of fitness and wanting to improve their personal health levels, as well as those interested in the fitness industry, physical education, or personal training.

ATHLETIC LEADERSHIP 11/12

Athletic Leadership 11/12 is a course designed to give students an opportunity to pursue leadership experiences in the school and help contribute to a positive athletics program. Every student will

demonstrate their individual and cooperative leadership capabilities, as well as their organizational planning in a variety of activities. This course will help develop communication skills that will facilitate decision-making for themselves.

Students in the class will:

- Gain an understanding of and develop a positive attitude for student leadership roles.
- Work effectively with others in a leadership group in order to have a positive influence in their school.
- Be given opportunities to develop individual and co-operative leadership skills in an athletic program environment.

- Contribute to and help build positive school community.

Students will be required to complete volunteer work in the school through various events including score keeping and officiating. This may include lunch times or after school hours

LEADERSHIP

LEADERSHIP 9 & 10

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.

LEADERSHIP 11

The most effective way to learn is to teach. This course provides students with the opportunity to learn about teaching and learning. This course is designed for students to address the diversity of a given student population and model successful learning, behaviour and communication *skills. This particular section will be Physical and Health Education based and focus on organizational and behavioural patterns specific to the PHE environment. Approval must be obtained by the PHE Department Head before admission into this course.

LEADERSHIP 12

As in Physical and Health Education 11 Leadership, students in this course will be expected to commit to extensive volunteer hours in the local community and the school community. Physical and Health Education 12 Leadership students will be required to provide instruction units in their own class and in junior Physical and Health Education classes. They will also be required to achieve certification in CPR as well as gain a greater knowledge of athletic injuries and their treatment.

SCIENCE

SCIENCE 8

The Science 8 program is designed to provide students with hands-on experience of science. All science classes stress the need to make accurate observations, the importance of good records, along with the ability to generalize and communicate ideas to others. In addition, students are taught how to use equipment, follow instructions and work safely in any laboratory situation. The following topics form the basis for Science 8: cells; relationship of living things with microorganisms; optics; electromagnetic radiation; plate tectonics; atomic structure and atomic theories.

SCIENCE 9

Topics studied in this course include: understanding cell reproduction; chemical nature of matter including atoms, elements and compounds; electricity and basic circuitry; sustainability of systems and energy cycles. Analytical skills and the scientific process is the emphasis in Science 9.

SCIENCE 10

Students will extend their understanding of the major fields of Science. The following topics are included in Science 10: chemical nature of matter and reactions; transformations of potential and kinetic energy; local and global impacts of energy transformations from technologies; genetics and inheritance.

AP BIOLOGY 12

Pre-requisite: none

This is a higher-level biology course equivalent to a first-year university offering. This course focuses on four big ideas that unify life and covers these ideas in depth. Students will study biological systems, with an emphasis on the human system, to understand diversity and unity of life; processes that living organisms use to grow, reproduce and maintain homeostasis; how living organisms store, retrieve, transmit and respond to information essential to life; and how biological systems interact. Students will write the AP exam in May. Students will also get Credit for Physiology and Anatomy 12 (Biology 12).

BIOLOGY 12: ANATOMY AND PHYSIOLOGY

Biology 12 is a course intended for those students who are interested in preparing themselves for post-secondary studies in biological sciences. This course concentrates on the physiology of living things. A thorough study of cellular biochemistry leads to the study of tissues, organs and organ systems with particular concentration on human biology.

BIOLOGY 11: LIFE SCIENCES

Biology 11 is a survey course of living things. The three themes of unity and diversity, evolutionary change and ecological relationships are used to study different life forms. The investigation and/or dissection of representative organisms is common. The following topics will be covered: Adaptation and Evolution - DNA, natural selection, speciation and extinction; Microbiology - viruses and bacteria; Plant Biology - algae, mosses, ferns, gymnosperms and angiosperms; Animal Biology - invertebrates, insects and vertebrates; Ecology - populations, photosynthesis and cellular respiration.

CHEMISTRY 11

Chemistry 11 is an introductory laboratory course concerned with the description, classification and theory of matter. The following topics are the basis for Chemistry 11: Introduction to Chemistry, lab safety, measurement and communication and matter and its changes; Atoms, Molecules and Ions - classification and nomenclature; Mole Concept - introduction, molar volume of gases, percent composition and molarity; chemical Reactions - introduction and stoichiometry; Atomic Theory - introduction, periodic table and chemical bonding; Solution Chemistry; Organic Chemistry - introduction, hydrocarbons and functional groups.

CHEMISTRY 12

This course is intended for those students who have shown an aptitude for Chemistry and plan to take Chemistry and related courses at the post-secondary level. Chemistry 12 is a problem-centered course involving more advanced concepts than Chemistry 11. The topics covered are: Reaction Kinetics, Equilibrium, Solubility of Ionic Substances, Acid/Bases and Salts, and Oxidation Reduction.

ENVIRONMENTAL SCIENCE 11

This is a course which explores diversity in local ecosystems and how human practices affect the sustainability of ecosystems. Important topics include energy flow, biodiversity and relationships in ecosystems, the role humans can play in conservation and restoration, and environmental stressors that challenge ecosystem integrity. Students will be expected to be engaged in ongoing and potential stewardship projects.

ENVIRONMENTAL SCIENCE 12

This is a course which explores global water systems, global warming and climate change, land use and sustainability and global environmental changes. Topics include the study of water availability and use, conservation of water, global warming and society's impact, land use practices, and personal choices with respect to sustainability.

PHYSICS 11

Physics 11 is an introductory course that focuses on the principles and theories of physics, encourages investigation of physical relationships, and illustrates the relationship between theory and application. The following topics are investigated: Wave Motion and Geometric Optics; Kinematics; Dynamics; Energy; Special Relativity; Nuclear Fission and Fusion.

PHYSICS 12

Physics 12 is recommended as a follow-up physics course suitable for students who have a particular interest in Physics or who plan to continue in science or engineering. The course covers: Vector Kinematics, Vector Dynamics Energy and Vector Momentum, Circular Motion and Gravitation, Electrostatic, Circuitry, and Electromagnetism.

SCIENCE FOR CITIZENS 11

This course is intended primarily for students who do not intend to continue their studies in Science past grade 11. Universities do not accept this course as a Science 11 credit. The activities in this course are designed to develop the critical processing of information. Practical issues relative to society, and science and technology form the basis of that information. The following core topics are covered: The nature and

interaction of science, technology and society, nutrition and lifestyle, the use of home technologies and waste recycling and disposal.

SOCIAL STUDIES

SOCIAL STUDIES 9

The SS9 curriculum provides an opportunity for students to explore early Canadian history before “Canada” existed. This course covers the history of “Canada” to 1919, as well as the ideas of emergence of modern democracy, Nationalism, Imperialism, and the Industrial Revolution. Globe and map skills, the use of an atlas, and geographical and other cross-curricular knowledge will also be emphasized.

SOCIAL STUDIES 10

Building on the foundation of knowledge, skills and attitudes students have gained from their Social Studies education from Kindergarten on, SS 10 offers students an integrated approach to Canadian and global issues. Social Studies 10 focuses on Canada from the conclusion of WW1 to the present and encompasses the history, political climate and cultural shifts of Canada during the 20th and early 21st century.

EXPLORATIONS IN SOCIAL STUDIES 11

This course will allow you to sample elements of the various senior social studies classes being offered at EPRSS (Social Justice, Law, Philosophy, Asian Studies, History, Genocide Studies, Human Geography and Political Studies) It will explore current issues in local, regional, national, or global politics as represented in mass media. You will look at individual rights as you explore issues related to race, gender, and intersectionality. You will also examine methods used by individuals, groups, and organizations to promote social justice. There will also be a connection to ideologies like socialism and populism and their impacts on our world. Finally, you will explore societies and cultures outside of the West.

20TH CENTURY WORLD HISTORY 12

In 20th Century World History you will explore how nationalist movements can unite people on common causes or lead to intense conflict between different groups. The collapse of long-standing empires led to the creation of new economic and political systems: most notably the rise of totalitarian regimes and capitalism. Specific topics of study may include the rise and fall of the USSR and various dictators, the rise of propaganda, and the creation of extremist socialist groups. The course will also examine how the rapid development and spread of technology in the 20th century has led to profound social, economic, and political changes.

GENOCIDE STUDIES 12

Despite international commitments to prohibit genocide, violence targeted against groups of people has continued to challenge global peace and prosperity. While genocides are caused by and carried out for different reasons, all genocides share similarities in progression and scope. The intentional destruction of peoples and their cultures is not inevitable, and such attempts can be disrupted and resisted. The use of the term “genocide” to describe atrocities has political, legal, social, and cultural ramifications.

HUMAN GEOGRAPHY 12

This course will be taught as a hybrid survey course. Geography is much more than maps and this new curriculum course will look at the following themes. Regional geography, Urban geography, Globalization studies and lastly Climatology. Students will explore the relationships between people and their environment, using demography, the economy, and nature and how these relationships influence our daily lives.

LAW 12

This course is the study of the Canadian legal system. Exploration of the beginnings of the law in Canada, the Criminal Code of Canada, Civil Law, Family Law, Tort Law and the Youth Criminal Justice System. The exploration involves mock trials, film studies, field trips to the local courts and other interesting methods of engagement with Canadian Law.

PHILOSOPHY 12

The ancient study of rhetoric to find answers to the burning questions that reside in our souls. Philosophy is the examination of the fundamental nature of knowledge, reality and existence. This course will examine the techniques to question assumptions using logic and reasoned arguments to not necessarily arrive at definitive answers, but answers that have more or less value.

SOCIAL JUSTICE 12

The causes of social injustices are complex and inform our society with long lasting effects. This course is a transformative course as student studies self-identity and their place within the social construct of Canada. Further study involves studying the methods, processes and approaches that inform the Social Justice policies of Government and Non-Governmental agents which in turn create the society we currently live in.

CONTEMPORARY INDIGENOUS STUDIES 12

This course will explore the intersection of colonialism and Indigenous Peoples in a global text and function in juxtaposition to the Canadian historical landscape. Colonialism has understandably become an important topic to deconstruct, as student will learn about Indigenous Peoples and Culture from around the world. In addition to deconstructing, students will investigate the idea of reconciliation and conceptualize how truth and balance can be restored. This course counts for both a SS Graduation Requirement and Indigenous Grad Requirement

The following courses do not qualify as a Social Studies Graduation Requirement:

BLACK STUDIES 12

In Black Studies, you will explore the intersection of colonialism and the Black diaspora within the Canadian historical landscape. The concept of colonialism has understandably become an important topic to deconstruct as you learn about Black people and Black culture. From the creation of "race" and the Transatlantic Slave Trade to modern Black resistance, these topics will be investigated using inquiry processes, multimedia sources, and good old-fashioned reading.

HISTORY OF SPORTS 12

In the History of Sports, you will have the opportunity to learn about the ways in which sports is an integral

part of our shared Canadian culture. In this course, you will delve into the interplay between identity, politics, and social movements within the context of sports culture. Students will also be given a critical framework which they can then apply to the contentious issues within the sporting world itself as well as Canadian society in general terms. The overall theme of the course is to explore and analyze the relationship between sports and Canada's economic, political and social systems.

PSYCHOLOGY 11

Psychology takes a biological, social, and psychological approach to the human mind, its functions, and people's behavior in a given context. Students will make observations aimed at identifying their own questions and relationships with the world, gather and interpret data, evaluate the accuracy and reliability of previous research, and work critically with research methods. Psychology 11 delves into major figures of psychology, the mind and motivation, human development, addiction, learning, and positive psychology.

PSYCHOLOGY 12

This course allows students to critically think about their own identities, examine the cause of others behavior, and brings into question different perspectives of psychology. Psychology 12 delves into stress, group dynamics, personality, psychological disorders, and criminal behaviour. It is not required that a student have the pre-requisite of Psychology 11 to take this course.

VISUAL ARTS

VISUAL ARTS 9

Students in this course will enhance their basic skills. Personal social, cultural and historical contexts will be explored. Students will experience a variety of basic areas of visual expression including two dimensional and three-dimensional works.

ART STUDIO 10

Students in Visual Arts 10 will enhance their basic skills. Personal, social, cultural and historical contexts will be explored. Students will experience a variety of basic areas of visual expression including 2-Dimensional and 3-Dimensional works.

ART STUDIO 11/12

Art Foundations 11 is designed for two purposes. The first is to allow students with previous art experience to continue their education in the following visual expression areas of: drawing, painting, sculpture, printmaking and media arts. The second purpose of this course is to meet the needs of students who are taking art for the first time and need a foundation class.

PHOTOGRAPHY 11

This course is designed for the student who has a strong interest in media technology. This course will include: photo composition, camera techniques and digital photo manipulation. Students will create personally meaningful images. Students will begin to understand the role photography has in our information society and analyze the structure of the visual image and how it is used to convey information.

PHOTOGRAPHY 12

Digital Photography 12 is designed for the student with a strong interest in media technology, who has previously taken Visual Arts: Photography 11. Students will work independently and continue exploring advanced photo manipulation using computer software. Students will create personally meaningful images and develop a portfolio of their photography.

STUDIO ARTS 3D 11: CERAMICS, SCULPTURE & JEWELRY

This course explores 3D visual expression through ceramics, sculpture, and jewelry design. Students will create unique pieces using techniques like modeling, mixed media, fiber arts, wire wrapping, beading, and polymer clay. The course also examines the historical and cultural contexts of these art forms, fostering creativity and craftsmanship.

YEARBOOK 11 AND YEARBOOK 12

This application-based course teaches graphic design, photography, and journalism skills, including font styles, page layouts, interviewing, writing, and editing. Students also explore marketing, sales, and distribution to prepare and produce a published yearbook. Held outside the regular timetable, classes run from 7:15–8:30 am on Tuesday, Wednesday, and Thursday from mid-September to April. This schedule allows focused work on the yearbook while providing flexibility for other courses and commitments. See Ms. Mayer or your counselor for application forms.

INTRODUCTION TO THE FRENCH IMMERSION PROGRAM FRANCAIS LANGUE SECONDE: IMMERSION

Raison d'être

Le but du programme de Français langue seconde en immersion est d'offrir à l'élève l'occasion d'acquérir la compétence langagière nécessaire en français pour pouvoir interagir avec confiance dans les milieux où cette langue est parlée et valorisée.

L'apprentissage du français langue seconde en immersion donne à l'élève l'occasion:

- d'acquérir les connaissances, les processus d'apprentissage, les capacités et les attitudes nécessaires pour communiquer en français de façon efficace et avec confiance;
- d'acquérir les connaissances, une compréhension et une appréciation de la langue française à travers les contextes culturels de cette langue, afin de mieux comprendre les communautés francophones et leurs cultures ainsi que sa propre culture et celle des autres;
- d'acquérir une connaissance, une compréhension et une appréciation des œuvres écrites, orales et visuelles d'expression française;
- d'explorer son potentiel dans les domaines de l'apprentissage de la langue, de la pensée critique et de l'expression de soi.

Rationale

The goal of the French Immersion Program is to offer students the opportunity to attain the necessary

language competence in French to be able to communicate with confidence in context where the French language is spoken and valued.

Learning French in a French immersion context allows students to:

- Acquire the knowledge, learning processes, abilities and attitudes necessary to communicate in French in an effective manner.
- Acquire an appreciation of the French language within its cultural context, in order to better understand Francophone communities and their cultures as well as the students' own culture and those of others.
- Acquire knowledge and appreciation of written, oral and visual works in the French language.
- Explore their own potential through language awareness, critical thinking and self-expression.

French Immersion (FRIM) Program At-A-Glance:

Grade 8 4 FRIM Courses	(Français Langue 8 + Sciences Humaines 8) Humanités + Sciences 8 + Éducation physique et Santé 8
Grade 9 4 FRIM Courses	(Français Langue 9 + Sciences Humaines 9) Humanités + Sciences 9 + Éducation physique et Santé 9
Grade 10 4 FRIM Courses	Français Langue 10 + Sciences Humaines 10 + Sciences 10 + Éducation physique et Santé 10
Grade 11 2 FRIM Courses	Communication Orale 11 + Histoire du monde au XX ^e siècle 12
Grade 12 1 FRIM Course	Français Langue 12 (Includes DELF B2 Exam)

IMMERSION PROGRAM COURSES

FRANÇAIS LANGUE

FRANÇAIS LANGUE 10

Les élèves apprendront à utiliser des stratégies de lecture et d’écriture pour améliorer leur compréhension de textes divers en français et pour exprimer leurs idées et pensées. Ils liront à leur rythme des romans, des contes, des poèmes et ils écriront des narrations personnelles, des poèmes, des éditoriaux et des articles ainsi que plusieurs autres formes de communication écrite. Ils exploreront des présentations médiatiques et feront des présentations orales sur des sujets divers. Ce cours met l’accent sur le progrès individuel de l’élève et vise l’affinement des habiletés d’expression orale et écrite du français et des habiletés de compréhension orale et écrite du français.

Students will learn to use reading and writing strategies to improve their understanding of various texts in French and to express their ideas and thoughts in the language. They will read novels, stories, poems at their own pace and they will write personal narratives, poems, editorials and articles as well as several other forms of written communication. They will explore media presentations and make oral presentations

on various topics. This course emphasizes the individual progress of the student and aims to refine the skills of oral and written expression of French and the skills of oral and written comprehension of French.

COMMUNICATION ORALE 11

Le cours de français langue en 11e - communication orale est conçu pour encourager l'élève à peaufiner et préciser sa communication grâce à la pratique et à la révision de textes provenant de la culture francophone avec un accent mis sur la communication à l'oral. Le cours offre à l'élève la possibilité d'explorer des textes authentiques ainsi que de créer, d'écrire et de partager des textes originaux à des fins variées dans un contexte actuel. L'élève développera également ses compétences d'écoute active. À travers des processus de rédaction, de réflexion et de révision, l'élève concevra un ensemble de textes pour une variété de situations langagières. Au fur et à mesure, l'élève développera la confiance dans ses capacités à communiquer tant à l'oral qu'à l'écrit.

The French language course in 11th grade - oral communication, is designed to encourage students to refine and clarify their communication through the practice and revision of texts from French-speaking culture with an emphasis on oral communication. The course offers the student the opportunity to explore authentic texts as well as to create, write and share original texts for various purposes in a current context. The student will also develop their active listening skills. Through processes of writing, reflection and revision, the student will design a set of texts for a variety of language situations. Over time, the student will develop confidence in their ability to communicate both orally and in writing.

FRANÇAIS LANGUE 12

Le cours de Français langue immersion 12 est requis pour l'obtention du diplôme bilingue. L'objectif de ce cours est d'intégrer et d'approfondir les compétences langagières et les connaissances linguistiques et culturelles acquises lors des expériences d'apprentissage antérieures. Ce cours permet à l'élève d'avoir un aperçu des divers facteurs qui façonnent son identité bilingue. Le cours offre de nombreuses occasions à l'élève d'approfondir la connaissance de soi et des autres dans un monde en évolution. De plus, l'élève explorera des textes de plusieurs genres et modes, provenant de sources diverses et reflétant des perspectives de la francophonie et des peuples autochtones. Ce cours amènera l'élève à utiliser sa pensée critique et créative pour analyser diverses situations de communication. Finalement, l'élève affinera sa communication dans divers contextes afin d'atteindre ses objectifs personnels et professionnels.

The French language immersion 12 course is required for obtaining the bilingual diploma. The objective of this course is to integrate and deepen the language skills and the linguistic and cultural knowledge acquired during previous learning experiences. This course provides students with an overview of the various factors that shape their bilingual identity. The course offers many opportunities for students to deepen their knowledge of themselves and others in a changing world. In addition, students will explore texts of several genres and modes, from various sources and reflecting the perspectives of the Francophone and Indigenous peoples. This course will lead students to use their critical and creative thinking to analyze various communication situations. Finally, the student will refine their communication in various contexts in order to achieve their personal and professional objectives.

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EDUCATION PHYSIQUE

ÉDUCATION PHYSIQUE ET SANTÉ 8

Ce cours portera sur le développement des connaissances, des compétences et des attitudes qui permettront aux élèves de participer avec succès à un large éventail d'activités physiques. Il mettra également l'accent sur divers aspects du développement d'un mode de vie sain, à la fois à l'école et hors de l'école, y compris l'alimentation saine, l'activité physique quotidienne et des choix sains qui influent sur le bien-être général.

This course will focus on developing knowledge, skills and attitudes that will enable them to successfully participate in a wide range of physical activities. It will also focus on various aspects of developing a healthy lifestyle, both in and out of school, including healthy eating, daily physical activity and healthy choices that influence overall well-being.

ÉDUCATION PHYSIQUE ET SANTÉ 9

Ce cours continuera à développer les connaissances, les compétences et les attitudes qui permettront aux étudiants de participer avec succès à un large éventail d'activités physiques. Il mettra également l'accent sur divers aspects du développement d'un mode de vie sain, à la fois à l'école et hors de l'école, y compris l'alimentation saine, l'activité physique quotidienne et des choix sains. En outre, les étudiants commenceront à appliquer la santé et l'alphabétisation physique à leur vie quotidienne pour améliorer le bien-être général.

This course will continue to develop knowledge, skills and attitudes that will enable students to successfully participate in a wide range of physical activities. It will also focus on various aspects of developing a healthy lifestyle, both in and out of school, including healthy eating, daily physical activity and healthy choices. In addition, students will begin to apply health and physical literacy to their daily lives to enhance overall well-being.

ÉDUCATION PHYSIQUE ET SANTÉ 10

Le but du programme d'éducation physique est d'inculquer une appréciation de la vie active tout en accroissant ses compétences en français. Le programme fournira aux étudiants l'occasion d'accomplir les objectifs suivants:

- Participer et s'intéresser à une variété de sports et de loisirs.
- Développer des attitudes positives envers une vie active et saine.
- Acquérir les compétences et les connaissances nécessaires pour développer une vie active et saine.
- Démontrer des comportements sociaux appropriés, une étiquette sportive, un bon esprit sportif et des compétences de leadership en rapport avec les activités physiques (responsabilité personnelle et sociale).
- Apprendre les termes appropriés afin de participer et d'encourager les autres à parler en français.

This course will continue to develop knowledge, skills and attitudes that will enable students to successfully participate in a wide range of physical activities. It will also focus on various aspects of developing a healthy lifestyle, both in and out of school, including healthy eating, daily physical activity and healthy choices. In addition, students will continue to apply health and physical literacy to their daily lives to enhance overall well-being.

HUMANITIES

HUMANITÉS 8

Le cours d'humanités 8 combine les classes de Français Langue 8 et Sciences Humaines 8 (7^{siècle} – 1750). Les compétences en lecture, écriture, français parlé et écrit sont travaillées à travers la littérature et la culture. Les compétences propres aux sciences humaines, telles que la recherche, l'analyse créative et critique, la présentation de recherche sont appliquées à la géographie, à l'histoire et au monde actuel. Le cours encourage les élèves à développer leur indépendance, leurs compétences et leurs savoir-faire à travers des activités d'apprentissage coopératives et des activités de résolution de problème pour développer les capacités d'analyse. Les habiletés de communication et de développement personnel et social sont aussi renforcées tout au long du cours.

The Humanities 8 course is a combination of Français Langue 8 and Social Studies 8 (7th Century - 1750). Reading, writing, speaking, and writing competencies in the French language will be studied through literature and culture. The Social Studies competencies such as research, creative and critical analysis, and presenting research will be applied to geography, to history, and to world events. The course encourages students to develop their independence, their competencies and their skills in these areas, through the cooperative, problem-solving activities to further develop their capacities to process their learning. Student's communication skills, as well as personal and social development will be reinforced through the duration of the course.

HUMANITÉS 9

Le cours d'humanités 9 combine les classes de Français Langue 9 et Sciences Humaines 9 (1750 - 1890). Les compétences en lecture, écriture, français parlé et écrit sont travaillées à travers la littérature et la culture. Les compétences propres aux sciences humaines, telles que la recherche, l'analyse créative et critique, la présentation de recherche sont appliquées à la géographie, à l'histoire et au monde actuel. Le cours encourage les élèves à développer leur indépendance, leurs compétences et leurs savoir-faire à travers des activités d'apprentissage coopératives et des activités de résolution de problème pour développer les capacités d'analyse. Les habiletés de communication et de développement personnel et social sont aussi renforcées tout au long du cours.

The Humanities 9 course is a combination of Français Langue 9 and Social Studies 9 (1750- 1890). Reading, writing, speaking, and writing competencies in the French language will be studied through literature and culture. The Social Studies competencies such as research, creative and critical analysis, and presenting research will be applied to geography, to history, and to world events. The course encourages students to develop their independence, their competencies and their skills in these areas, through the cooperative, problem-solving activities to further develop their capacities to process their learning. Student's communication skills, as well as personal and social development will be reinforced through the duration of the course.

SCIENCES

SCIENCES 8

Le cours de sciences de 8e année est une introduction aux disciplines fondamentales de la chimie, la biologie, la physique et aux sciences de la terre avec se servant d'une approche surtout de découverte et d'une utilisation de la méthode scientifique pour faire des enquêtes. Il y a quatre grandes idées:

- La théorie cinétique moléculaire et la théorie de l'atome pour expliquer les propriétés de la matière.
- Le transfert de l'énergie sous forme(s) de particule(s) ou d'onde(s).
- La théorie de la tectonique des plaques comme théorie universelle qui explique les processus géologiques de la Terre.
- La cellule comme l'unité de base du vivant.

The Science 8 program is designed to provide students with hands-on experience of science. All science classes stress the need to make accurate observations, the importance of good records, along with the ability to generalize and communicate ideas to others. In addition, students are taught how to use equipment, follow instructions and work safely in any laboratory situation.

The following topics form the basis for Science 8: cells, light, plate tectonics, and atomic theory.

SCIENCES 9

Le cours de sciences de 9e année est une suite aux méthodes apprises en 8^e. On fait un survol des disciplines fondamentales de la chimie, la biologie, la physique et les sciences de la terre avec une approche d'enquête. Cette année on commence une enquête originale en forme de projet expo-sciences (« Science Fair »). Les quatre grandes idées cette année sont :

- L'arrangement des électrons comme déterminant des propriétés chimiques de l'atome.
- L'électricité comme flux d'électrons.
- Les cellules issues d'autres cellules.
- L'interdépendance de la biosphère, la géosphère, l'hydrosphère et l'atmosphère en raison des cycles de matière et de l'énergie.

The following topics form the basis for Science 9: cell reproduction, chemical nature of matter, electricity, and sustainability of energy cycles.

SCIENCES 10

Le cours de 10e année est une suite aux méthodes apprises en 9e. On survol des disciplines de la chimie, la biologie et les physiques avec une approches d'enquête. Cette année les élèves choisissent des questions pour chaque unité à répondre pour pratiquer leurs compétences disciplinaires qu'ils ont commencé en 9e avec leur projet individuel. Aussi, on va prendre du temps à partager et analyser des découvertes scientifiques à travers le monde. Note : Les cours de sciences en 11e/12e sont enseignés anglais.

Les quatre grandes idées cette année sont :

- L'ADN est à l'origine de la diversité des êtres vivants

- Les processus chimiques de réarrangement des atomes nécessitent des échanges d'énergie avec le milieu environnant.
- L'énergie est conservée, et ses transformations peuvent avoir des répercussions sur les êtres vivants et l'environnement.
- La théorie du big bang permet d'expliquer la formation de l'Univers.

The following topics form the basis for Science 10: genetics, the conservation of mass and energy, and the formation of the Universe.

SCIENCES HUMAINES

SCIENCES HUMAINES 10

Ce cours explorera les problèmes mondiaux, l'histoire du Canada au XX^e siècle et son rôle dans le monde. Les élèves seront capables de discuter le système du gouvernement canadien ainsi que sur les interactions entre le Canada et d'autres pays. À travers les travaux, les élèves démontreront leur compréhension des interactions des individus avec leur communauté et le monde. L'évaluation inclura la participation en français en classe, les projets oraux et écrits, les discussions, les tests et les essais formels. Il y aura une concentration sur la manifestation des six compétences de la pensée historique : adopter les points de vue historique, établir la pertinence historique, recourir les faits découlant des sources primaires, analyser les causes et les conséquences, identifier les éléments de la continuité et le changement et comprendre la dimension éthique.

This course will explore global issues, the history of Canada in the 20th century and its role in the world. Students will be able to discuss the Canadian government system as well as the interactions between Canada and other countries. Through assignments, students will demonstrate their understanding of how individuals interact with their community and the world. Assessment will include participation in French in class, oral and written projects, discussions, formal tests and essays. There is a focus on demonstrating the six skills of historical thinking: adopting historical perspectives, establishing historical significance, using facts from primary sources, analyzing causes and consequences, identifying elements of continuity and change and understanding the ethical dimension.

HISTOIRE DU MONDE AU XX^e SIÈCLE 12

Ce cours d'histoire traitera les conflits mondiaux du XX^e siècle, selon les perspectives des pays puissants autour du monde. Il explorera en profondeur les régimes politiques, les actions des pays et leurs conséquences globales. Les aspects culturels, sociaux et technologiques de la communauté internationale sera le centre du cours où on explorera plus en profondeur les liens entre les sociétés différentes et comment ils s'occupent de ces différences. Les travaux du cours seront les projets, les quiz, les dissertations, les activités en classe et la participation orale. Il y aura une forte concentration sur la manifestation des six compétences de la pensée historique : adopter les points de vue historique, établir la pertinence historique, recourir les faits découlant des sources primaires, analyser les causes et les conséquences, identifier les éléments de la continuité et le changement et comprendre la dimension éthique.

This history course will deal with global conflicts of the 20th century, from the perspectives of powerful

countries around the world. It will explore political regimes, country actions and their global consequences in depth. The cultural, social and technological aspects of the international community will be the focus of the course where the links between different societies will be explored more profoundly and how they deal with these differences. Course work will be projects, quizzes, essays, classroom activities and oral participation. There will be a strong focus on demonstrating the six skills of historical thinking: adopting historical perspectives, establishing historical significance, using facts from primary sources, analyzing causes and consequences, identifying elements of continuity and change and understanding the ethical dimension.

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