Home of the Dragons

Course Selection - Grades 10 - 12

2021—2022

Fleetwood Park Secondary School

7940 – 156th Street,

Surrey, BC V3S 3S5

Phone: 604-597-2301

Fax: 604-597-6481

Website: www.surreyschools.ca/schools/fltsec

Twitter: @fpssdragons

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Graduation Requirements

	Grade 10	Grade 11	Grade 12
English Language Arts	*One of:* □ Composition 10 & Literary Studies 10 □ Creative Writing 10 & Literary Studies 10 □ New Media 10 & Literary Studies 10	*One of:* □ Composition 11 □ Creative Writing 11 □ Literary Studies 11 □ New Media 11	*Required:* □ English Studies 12
Mathematics	*One of:* □ Foundations & Precalculus Math 10 □ Workplace Math 10	*One of:* □ Computer Science 11 □ Foundations of Math 11 □ Precalculus 11 □ Workplace Math 11	□ Apprenticeship Math 12 □ Calculus 12 □ Computer Science 12 □ Foundations of Math 11 □ Precalculus 12
Science	*Required:* □ Science 10	*One of:* □ Chemistry 11 □ Earth Sciences 11 □ Life Sciences 11 □ Physics 11	□ Anatomy & Physiology 12 □ AP Chemistry 12 □ Chemistry 12 □ Physics 12
Social Studies	*Required:* □ Social Studies 10	*One of:* □ Explorations in Social Studies 11	□ 20th Century World History 12 □ Law Studies 12 □ Physical Geography 12 □ Social Justice 12
ADST/ Arts Education	*One course in either department at either Grade 10, Grade 11, or Grade 12:*		
	□ ADST _____ *OR*		
	□ Arts Education _____		
Career Education	*Required:* □ Career-Life Education 10	*Required:* □ Career-Life Connections 12	
PHE	*One of:* □ PHE 10 □ Fitness & Healthy Lifestyles 10		
Electives	*At least 7 additional Grade 10/11/12 courses – often 10 or more:*		
	□ _____	□ _____	□ _____
	□ _____	□ _____	□ _____
	□ _____	□ _____	□ _____
	□ _____	□ _____	□ _____
	□ _____	□ _____	□ _____
Graduation Program Assessments	□ Grade 10 Numeracy □ Grade 10 Literacy		□ Grade 12 Literacy

At least four courses must be at the Grade 12 level, including English Studies 12.

Course Planning for 2021/2022

English

Grade 9	Grade 10	Grade 11	Grade 12
Humanities 9	*1 of the following options (4 credits each):* • Literary Studies & Composition 10 • Literary Studies & Creative Writing 10 • Literary Studies & New Media 10	*1 or more of the following options (4 credits each):* • Composition 11 • Creative Writing 11 • Literacy Studies 11 • New Media 11	*New as of this year:* • **All students must take English Studies 12** • Students may take Literacy Studies 12 as an additional elective

GRADE 10 DESCRIPTIONS

All of these options are lenses by which the same skills will be developed. Reading, writing, critical thinking, creating, connecting and oral language are the foundational skills assessed in all the content areas. Students choose their options based on their personal interests.

LITERARY STUDIES & COMPOSITION 10

This course studies various themes, authors, and genres through the study of text, stories, and various forms of media, such as poetry, stories, novels, graphic novels, children's literature, and First Peoples texts. Students create coherent, purposeful compositions while developing and refining their writing abilities. Skills emphasized are:

- increasing literacy skills through close reading
- being educated global citizens
- broadening understanding of self and the world
- developing higher-level thinking
- composing narrative, expository, descriptive, persuasive, and opinion pieces
- planning, drafting, and editing processes
- citing sources, considering the credibility of evidence, and evaluating the quality and reliability of the sources

LITERARY STUDIES & CREATIVE WRITING 10

This course studies various themes, authors, and genres through the study of text, stories, and various forms of media, such as poetry, stories, novels, graphic novels, children's literature, and First Peoples texts. Students create coherent, purposeful compositions while developing and refining their writing abilities. This course provides students with in-depth opportunities to become better writers through the exploration of personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community, students will develop their skills through writing. Students will examine skills such as:

- increasing literacy skills through close reading
- being educated global citizens
- broadening understanding of self and the world
- contemporary creative forms such as slam poetry, rap, drama, song, graphic novels
- poetry, song lyrics
- multimodal creative forms that combine visual, written, and oral texts
- developing higher-level thinking
- composing narrative, expository, descriptive, persuasive, and opinion pieces
- planning, drafting, and editing processes

LITERARY STUDIES & NEW MEDIA 10

This course is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through a variety of digital and print media. Through various themes, authors, and genres through the study of text, stories, and various forms of media, such as poetry, stories, novels, graphic novels, children's literature, and First Peoples texts, students will explore the connection between literature and modern forms of communication. Skills include:

- increasing literacy skills through close reading
- being educated global citizens
- broadening understanding of self and the world
- developing higher-level thinking
- writing, revising, presenting, and reflecting on all forms of communication
- developing an understanding of traditional and contemporary forms
- composing narrative, expository, descriptive, persuasive, and opinion pieces

GRADE 11 DESCRIPTIONS

All of these options are lenses by which the same skills will be developed. Reading, writing, critical thinking, creating, connecting and oral language are the foundational skills assessed in all the content areas. Students choose from the following options based on their personal interests.
EACH OF THESE OPTIONS FULFILLS UNIVERSITY ENTRANCE REQUIREMENTS!

COMPOSITION 11

Composition 11 is designed for students who have an interest in refining their skills in written communication in a variety of contexts as they continue to explore, extend, and improve their writing. Students will have opportunities to individually and collaboratively study, create, and write original and authentic pieces for diverse purposes and forms. They will develop their craft through processes of drafting, reflecting, and revising to develop a body of work that demonstrates breadth, depth and writing for a wide range of situations. Possible areas of focus are:

- Narrative, expository, descriptive, persuasive and option pieces with attention to such areas as thesis development, structure, transitions, argumentation, etc.
- Study of wide range of sample works
- Planning, drafting, and editing processes
- How to cite sources, consider the credibility of evidence, and evaluate the quality and the reliability of the source

CREATIVE WRITING 11

Creative Writing 11 is designed for students who are interested in using writing for self- expression and various creative purposes. The course provides in depth opportunities for students to become better writers through the exploration of personal and cultural identities, memories and stories in a wide range of genres. Within a supportive community, students will collaborate and develop their skills through writing and design processes. The course is grounded in the exploration and application of the writing processes, inviting students to express themselves, experiment with, reflect on, extend and refine their writing. Possible areas of focus are:

- Short fiction and poetry and sub genres such as adventure, graphic, fantasy, horror, sci fi, dystopian, suspense, etc.
- Voice and authenticity vs. sentimentality
- Style and literary devices and techniques
- Purpose and exploration of various forms such as memoirs and the relationship between form and function

LITERACY STUDIES 11

Focused Literary Studies allows students to delve more deeply into literature. Students can explore different themes, periods, authors or areas for the worlds through literary works (fiction and non-fiction). Through the range of topics available, students will increase their literary skills through close reading of appropriately challenging texts, expand their development as educated global citizens and further develop higher level thinking skills. Possible areas of focus are:

- Canonical literature by era- Middle Ages, Renaissance, Restoration, Romantic, Victorian, 20th Century
- Genre specific studies- poetry, short stories, novels, graphic novels, drama
- Canadian literature
- First Peoples texts
- Self-directed readings and specific author studies

NEW MEDIA 11

New Media 11 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. This course recognizes that digital literacy is an essential characteristic of the educated citizen. Course work is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording numerous opportunities to demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media. Possible areas of focus are:

- Media and film studies – suggested content/topics include the globalization of the media industry, influence of media on users' perceptions
- Ethical challenges such as fake news and cyber bullying
- Journalism and publishing – suggested content/topics include the changing roles and structures of news organizations, the challenges and opportunities associated with professional journalism
- Exploration of new media forms and platforms such podcasts and gaming
- Writing for digital formats such as social media, podcasts and gaming

GRADE 12 DESCRIPTIONS

Starting 2019-2020, Grade 12 students **must** take **English Studies 12** formerly known as ***English 12***. The English Department will also offer one elective, Literacy Studies 12, for students who are interested.

Starting in 2020-2021, students who are in Grade 12 are required to take the Literacy Assessment. The Literacy Assessment is connected to all subjects, not just English, and is designed to measure reading comprehension and writing fluency.

ENGLISH STUDIES 12

Prerequisite: English Language Arts 11 Option

The **required** English 12 Studies course builds on and extends students' previous learning experiences in ELA 10 and 11 courses. It is a survey course in which students will develop and enhance their skills in the areas of: reading, writing, oral communication, viewing, and representing. It is designed for all students and provides them with opportunities to:

- Refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals
- Think critically and creatively about the uses of language
- Explore texts from a variety of sources, in multiple modes, and that reflect diverse world views
- Create engaging and meaningful texts for a variety of purposes and audiences
- Deepen their understanding of themselves and others in a changing world
- Gain insight into the diverse factors that shape identity
- Appreciate the importance of self-representation through text
- Contribute to Reconciliation by building greater understanding of knowledge and perspectives of First Peoples
- Expand their understanding of what it means to be educated and Canadian and global citizens

LITERACY STUDIES 12

Literacy Studies 12 is a grade 12 English Language Arts ***Elective***. It **cannot** replace English Studies 12. This course is recommended for students who are interested in or will be taking English courses in their Post-Secondary institutions. In this course, students will read challenging and meaningful works. Students can expect to:

- Explore specific themes such as the depiction of the American Dream in literature
- Explore time-periods
- Engage in specific author studies
- Be exposed to a variety of literary genres
- Interact with a variety of written forms ranging from short stories, novels and poetry,
- Encounter a diversity of voices such as Canadian literature, Feminist Literature, Global Literature, and First Peoples Literature.

Social Studies

SOCIAL STUDIES 10

Prerequisite: Humanities 9

Social Studies 10 continues to build upon themes, critical and creative thinking skills and inquiry processes introduced in earlier grades. This course focuses on the development of Canada in the 20th century with a particular emphasis on Canadian Identity. The historical and contemporary geography of Canada is studied in detail. Canada's contemporary history is examined through exploration of First Nations, French and English relations and Canada in a global context. Current events are used to supplement resources and aid students in making connections between Canada's past and present.

EXPLORATIONS IN SOCIAL STUDIES 11

Prerequisite: Social Studies 10

In Explorations in Social Studies 11 you will build a strong foundation across many skill sets, engage in inquiry and community based learning, and improve your critical thinking abilities. You will explore various perspectives of the past, present, and future of cultures and geography through the lenses of law, social justice, philosophy, and economics. This course will allow you to enhance your understanding of our world and your place in it.

SOCIAL JUSTICE 12

Recommended: Explorations in Social Studies 11

The aim of Social Justice 12 is to raise students' awareness of social injustice, to enable them to analyze situations from a social justice perspective, and to provide them with knowledge, skills, and an ethical framework to advocate for a socially just world. Course topics include, but are not limited to: Racism, Genocide, Aboriginal Issues, Gender Inequality, LGBTQ Rights, Mental Health, and Poverty. Foundations of philosophy, anthropology, and sociology will also be introduced as a way to recognize and understand multiple perspectives. Students will be given the opportunity to pursue topics and ideas that they are passionate about, and will be working on a final project allowing them to share these areas of interest with others.

PHYSICAL GEOGRAPHY 12 (formerly Geography 12)

Recommended: Exploration in Social Studies 11

Physical Geography 12 is a course for students who are interested in understanding and protecting our environment. Students will be able to study and interpret the landscape and understand the interconnections between our human actions and the Earth's physical systems. Content includes earth sciences, weather and climate, climate change, serious environmental issues and future global solutions. This course also includes an outdoor field study so students can interact with the geography first hand. These trips include a voluntary overnight Field Study to Garibaldi Provincial Park, snowshoeing at Seymour Mountain, a study of our watershed in North Vancouver and other TBA trips dependent on equipment and funding.

20TH CENTURY WORLD HISTORY 12 (formerly History 12)

Recommended: Exploration in Social Studies 11

History 12 is a world history course which deals with the major events and trends of the 20th century. Topics include, but are not limited to: Russian Revolution, WWII, Civil rights, Vietnam War, The Cold War, 20th century Chinese history, The Middle East, and understanding current events through historical connections. This course emphasizes historical thinking skills, in-depth analysis of historical issues, classroom discussion, and academic writing through inquiry. This course is designed for students with an interest in history and a passion for world events.

LAW STUDIES 12

Recommended: Explorations in Social Studies 11

Through the study of the Canadian legal system students will explore the larger concept of justice. Understanding legal rights and responsibilities through the study of criminal law, civil law, family law and Aboriginal self-government will allow students to critically analyze our justice system. They will be given individual and group opportunities to further their inquiry, research and presentation skills. Students will also participate in debates, case studies, mock trials and a field trip to the Law Courts as part of the course. In addition, guest speakers will provide expert knowledge on topics covered in class and bring awareness to the many careers available within this field of study.

Science

SCIENCE 10

Prerequisite: Science 9

Science 10 deals continues to introduce students to the natural world by providing opportunities to analyze and evaluate information, communicate ideas, plan and conduct experiments plus predict and ask questions about the world of science. The Big Ideas covered in Science 10 are:

- **Genes are the foundation for the diversity of living things.**
- **Chemical processes require energy change as atoms are rearranged.**
- **Energy is conserved and its transformation can affect living things and the environment.**
- **The formation of the universe can be explained by the big bang theory.**

EARTH SCIENCE 11

Prerequisite: Science 10

Earth Science 11 is a survey course which, through lab and field experiments, explores the Earth and its environment in space. The Big Ideas offered in this course are:

- **Earth Materials:** Earth materials are changed as they cycle through the geosphere and are used as resources, with economic and environmental implications.
- **Plate Tectonic Theory:** Plate tectonic theory explains the consequences of tectonic plate interactions.
- **Atmospheric Science and Climate:** The transfer of energy through the atmosphere creates weather and is affected by climate change.
- **Oceanography and the Hydrosphere:** The distribution of water has a major influence on weather and climate.
- **Earth within the Solar System**: Astronomy seeks to explain the origin and interactions of Earth and its solar system.

ENVIRONMENTAL SCIENCE 11

Prerequisite: Science 10

This course offers students and opportunity to understand, explore and communicate ideas on environmental science education. The Big Ideas covered in this course are:

- **Diversity in Local Ecosystems**: Local environments contain diverse ecosystems with many roles and relationships.
- **Processes and Changes in Local Ecosystems**: Inter connected systems sustain healthy ecosystems. Ecosystem stability is an important result of sustainability
- **Sustainability in Local Ecosystems:** Human practices affect the sustainability of ecosystems.
- **Conservation and Restoration of Ecosystems**: Humans can play a role in conservation and restoration of ecosystems.

LIFE SCIENCE 11 (BIOLOGY 11)

Prerequisite: Recommend C+ or better in Science 10

Life Science 11 is a course that introduces students to the diversity of life on Earth through investigations and inquiry. The Big Ideas covered in Life Science 11 are:

Characteristics of Living Things

- What characteristics allow organisms to live on land?
- What unique characteristics allow organisms to live in extreme environments?

Process of Evolution

- What is the role of DNA in evolution and biodiversity?
- What characteristics allow organisms to live in unique environments?
- How might the range of abiotic and biotic characteristics on Earth help us to understand space exploration?

Taxonomy

- Why do two organisms compete to coexist in the same niche?
- How is DNA analysis used to demonstrate the relatedness of species?
- How can morphology indicate relatedness (e.g., dolphin and human hip structure)?

ANATOMY & PHYSIOLOGY 12 (BIOLOGY 12)

Prerequisite: Biology 11 and Chemistry 11 strongly recommend a C+ or better

Biology 12 focuses on the anatomy and physiology of humans. The following big ideas are covered:

- **Homeostasis**: The body strives to maintain homeostasis.
- **DNA and Cells:** All living things are made of cells, which contain DNA and cell structures that allow cells to survive and reproduce.
- **Organization:** Organ systems have complex inter relationships to maintain homeostasis. Students will investigate the digestive, cardiovascular and lymphatic, respiratory, urinary, reproductive, and nervous system in detail. Students will also investigate the interrelationships between body systems and medical conditions associated with diseases in the body systems listed.

CHEMISTRY 11

Prerequisite: Recommend C+ or better in Foundations of Math 10 and Science 10

Chemistry 11 is an introductory laboratory course concerned with the description, classification and theory of matter. The big Ideas covered in this course are:

- **Atoms and Molecules:** Atoms and molecules are the fundamental building blocks of matter. Chemical bonds are the result of electrostatic forces. Periodicity can be explained by atomic structure.
- **The Mole:** The mole is a convenient way to express quantities of particles.
- **Chemical Reactions:** The rearrangement of atoms in chemical reactions is predictable. Matter and energy are conserved in chemical reactions. Chemical reactions and their applications have significant implications for human health, society, and the environment.
- **Solution Chemistry:** Solubility within a solution is determined by the nature of the solute and the solvent. Solution chemistry and its applications have significant implications for human health, society, and the environment.

CHEMISTRY 12

Prerequisite: Recommend C+ or better in Chemistry 11

- Chemistry 12 is a problem-centered laboratory course involving more advanced chemistry concepts. Experimentation and problem solving are major parts of the course. The big ideas covered in Chemistry 12 are:

Reaction Kinetics: Reactants must collide to react. Conditions surrounding a reaction determine its rate.

Dynamic Equilibrium: Some chemical reactions are reversible and proceed to equilibrium. Dynamic equilibrium can be altered by changing the surrounding conditions.

Solubility Equilibrium: Saturated solutions are systems in equilibrium.

Acids and Bases: The strength of an acid or base depends on the degree of dissociation of its ions. Weak acids, weak bases, and buffers are systems in equilibrium.

Oxidation-Reduction: Reduction and oxidation are complementary processes that involve the gain or loss of electrons. Redox reactions have implications for resource development and for the environment.

AP CHEMISTRY 12

Prerequisite: Chemistry 11 and Chemistry 12 Recommend 80% or better

Chemistry 12AP is a higher-level chemistry course equivalent to a first year university course. Experimentation and problem solving are major parts of the course. At the completion of this course, students will be well-prepared to write the Advanced Placement exam. Chemistry 12AP completes the following Chemistry 12 topics: Structure of Matter, Properties of Matter, Chemical Reactions, Rates of Chemical Reactions, Thermodynamics, Equilibrium.

PHYSICS 11

Prerequisite: Recommend C+ or better in Foundations of Math 10 and Pre-Calculus 10 and Science 10

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 big ideas covered in physics 11 are:

- **1D Kinematics:** Kinematics allows us to predict, describe, and analyze an object's motion.
- **1D Dynamics:** Forces influence the motion of an object.
- **1D Momentum:** Momentum is conserved in a closed system.
- **Energy:** Energy is found in different forms, is conserved, and has the ability to do work.
- **Electric Circuits:** The application of conservation laws explains the flow of electricity within a circuit.
- Optional Modules include:
- **Waves and Optics:** Light can be modelled as a wave or a particle.
- **Quantum:** Quantum mechanics can be used to describe the behavior of very small particles.
- **Special Relativity:** Special relativity helps explain the relationship between space and time.
- **Nuclear Physics:** Nuclear reactions involve changes in the atomic nucleus.

PHYSICS 12

Prerequisite: Recommend C+ or better in Pre-Calculus 11

This course will help students develop analytical, experimental and problem solving skills in physics. It consists of five modules — all students take three modules which are core to the course and teachers choose an additional two modules (one force and one electric) to complete the course. The following modules are Core modules:

- **2D Kinematics**: Kinematics allows us to predict, describe, and analyze an object's motion.
- **2D Dynamics:** Forces influence the motion of an object.
- **2D Momentum and Energy:** Momentum and energy are conserved within a closed system.
- Optional Modules include:
- **Electrostatics:** Electric fields and forces describe how charges interact.
- **Electromagnetic Forces and Induction:** The electromagnetic force produces both electricity and magnetism.
- **Equilibrium:** An object in equilibrium is subject to zero net force and zero net torque.
- **Circular Motion and Gravitation:** Circular motion occurs as a result of a centre seeking force and can be used to describe and predict the motion of objects on Earth and in the universe. Gravitational forces and fields describe how masses interact.

Students will be required to complete AT LEAST 2 of the optional units. One on electric and the other on force.

AP PHYSICS 12

Prerequisite: Physics 11 and Physics 12 Recommend 80% or better

Physics 12AP is a higher-level physics course equivalent to a first year university course. This course helps develop analytical, experimental and problem solving skills. At the completion of this course, students will be well-prepared to write the Advanced Placement exam. The following topics are the basis for Physics 12AP: Mechanics; and Electromagnetism.

SCIENCE CO-OP 11

The Science co-op will provide students an opportunity to integrate a career exploration with their studies in science. This program involves one work experience during the semester that will be in an area of student interest. Students will be able to obtain credit for some foundation science courses while researching career opportunities and learning valuable employability skills. This program will be taught by Mr. Korbutt.

Courses offered in the Science Co-op:

- Life Sciences 11 – with Field Trips (Aquarium + UBC)
- Chemistry 11
- Outdoor Ed PE 11 – possible trips include Sechelt kayaking, Winter camping (Manning), Garibaldi, Snowshoeing (Seymour), Cycling - Salt Spring Island, Hiking - Juan de Fuca
- CLC Career Life Connections 11(backed opposite of Band 11/12)
- **Work Experience in a Career related area**

COMPUTER PROGRAMMING CO-OP 12

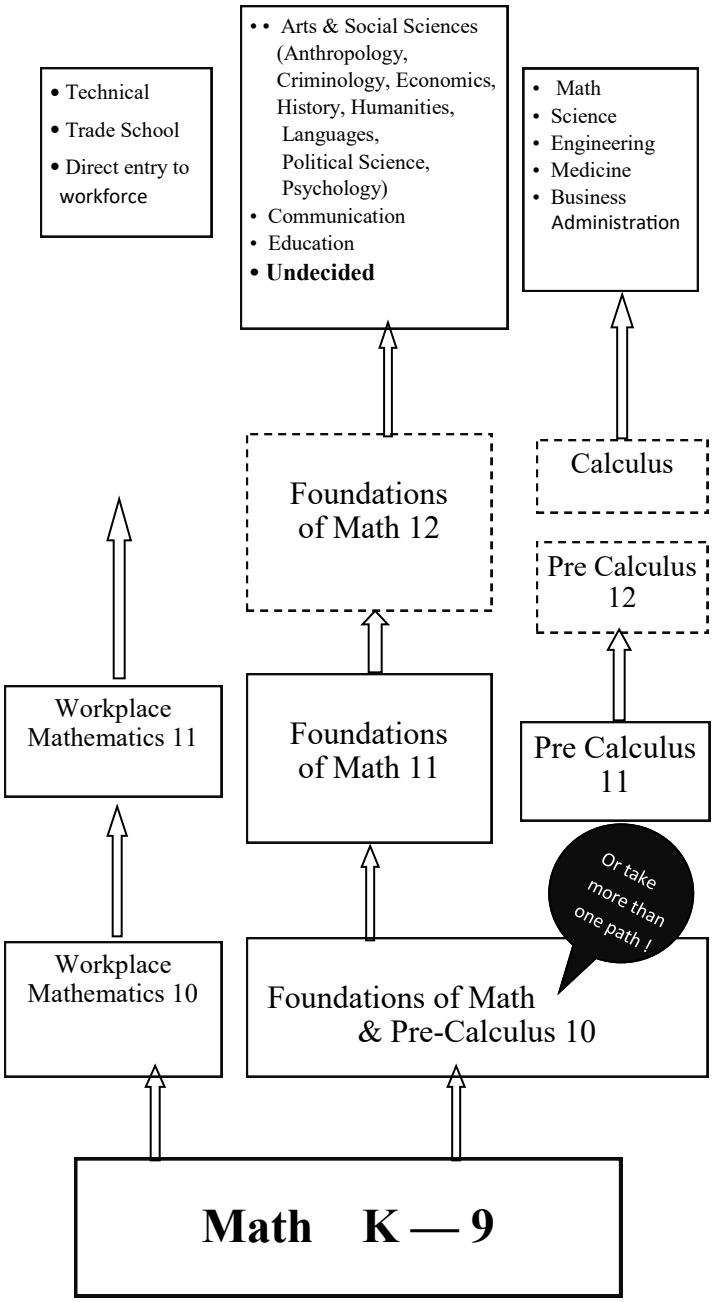
The Computer Programming Co-op is intended for students wanting to pursue careers in computer science, technology and engineering and will provide students an opportunity to learn Computer Science, Calculus and Physics as an integrated program rather than as separate subjects. Students will also be given a chance to explore careers in technology through tours and related work placements. This program will be taught by Ms. Stusiak.

Courses offered in the Computer Programming Co-op:

- Computer Programming 12 or Computer Science 12
- Physics 12 or AP Physics 12
- Calculus 12
- CLC 11
- WEX 12

Mathematics

Mathematics at Fleetwood Park Secondary



Mathematics at Fleetwood Park Secondary

The common curriculum framework for grades 10-12 Mathematics includes 3 pathways. In grade 10, two pathways are available. The goal of each pathway is to provide prerequisite attitudes, knowledge, skills and understanding for specific post-secondary programs for direct entry into the workplace.
Students are encouraged to consider their interests and aptitudes when selecting their course. Parents and students are also encouraged to research admission requirements at the various post-secondary institutions before committing to one of the pathways.

MATH 10: FOUNDATIONS & PRE-CALCULUS

Prerequisite: Mathematics 9

Foundations and Pre-Calculus 10 is designed to help students develop their understanding of algebra, proportions, and relations. The big ideas that guide the course are: proportional comparisons can be made among right triangles, meanings of mathematical operations extend to algebraic expressions, rate of change is an essential attribute of linear relations, operations between polynomial expressions are connected and help learners make meaning though abstract thinking, and analyzing simulations and data allows learners to notice trends and relationships.

Students will be expected to reason and analyze, understand and solve, communicate and represent, and connect and reflect these ideas through the course content, which is expected to include, but is not necessarily limited to: operations on powers with integral exponents, relationships between data and graphs, linear relations, systems of linear equations, multiplication of polynomial expressions, polynomial factoring, primary trigonometric ratios, experimental probability, and gross and net pay.

The foundations and pre-calculus pathways are designed for students who are going into careers that require university studies.

This course satisfies the Grade 10 mathematics requirement for graduation.

MATH 10: WORKPLACE

Prerequisite: Mathematics 9 or Numeracy 9

Workplace 10 is designed to help develop the necessary mathematical skills that students will require in daily life and as they enter the work force. The big ideas that guide the course are: understanding operations helps when working with formulae and unit conversions, proportional comparisons can be made among right triangles, many relationships can be modeled an interpreted using graphs, varying the transversal allows learners to notice angle relationships, and analyzing simulations and data allows learners to notice trends and relationships.

Students will be expected to reason and analyze, understand and solve, communicate and represent, and connect and reflect these ideas through the course content, which is expected to include, but is not necessarily limited to: graphs, primary trigonometric ratios, metric and imperial measurement and conversion, surface area and volume, angles, central tendency, experimental probability, and gross and net pay.

The workplace pathway is designed for students who are going into careers that do not require university studies.

This course satisfies the Grade 10 mathematics requirement for graduation.

MATH 11: FOUNDATIONS

Prerequisite: Foundations of Mathematics and Pre-Calculus 10

Foundations of Math 11 is designed to help students develop their understanding of proportions, functions, logic, and statistics. The big ideas that guide the course are: proportional comparisons can be made among triangles and angles, quadratic functions and systems of equations can be represented in many connected ways, logical reasoning helps learners discover and describe mathematical truths, and statistical analysis allows learners to notice trends and relationships.

Students will be expected to reason and analyze, understand and solve, communicate and represent, and connect and reflect these ideas through the course content, which is expected to include, but is not necessarily limited to: mathematical reasoning and logic, angle relationships, graphical representations of quadratic functions, graphical solutions to systems of equations, systems of linear inequalities, trigonometry with oblique angles, applications of probability and statistics, and investments and loans.

The foundations pathway is designed for students who are going into university studies that do not require calculus.

This course satisfies the requirement that students must take a 4-credit grade 11 or 12 mathematics course in order to graduate

MATH 11: WORKPLACE

Prerequisite: any grade 10 math course

Workplace 11 continues to develop the necessary mathematical skills that students will require in daily life and as they enter the work force. The big ideas that guide the course are: scale diagrams and rates of change are ways of showing proportional relationships, mathematics helps learners make informed financial decisions, spatial relationships can help learners describe and represent real-world experience, and statistical analysis allows learners to notice trends and relationships.

Students will be expected to reason and analyze, understand and solve, communicate and represent, and connect and reflect these ideas through the course content, which is expected to include, but is not necessarily limited to: statistics in contextualized situations, views and scale diagrams of 3-D objects, linear relationships, slope as a rate of change, investments and loans, and personal budgeting.

The workplace pathway is designed for students who are going into careers that do not require university studies.

This course satisfies the requirement that students must take a 4-credit grade 11 or 12 mathematics course in order to graduate.

COMPUTER SCIENCE 11

Computer Science 11 focuses on the big ideas of decomposition and abstraction of problems, the algorithmic process, computational thinking, and data representation. Course content includes ways of representing basic data types, basic programming concepts, variable scope, logical statements, control flow and program execution, algorithm development, array and list searches and operations, problem decomposition through modularity, financial analysis through computing, and mathematical problem modelling.

This course satisfies the requirement that students must take a 4-credit grade 11 or 12 mathematics course in order to graduate.

COMPUTER SCIENCE 12

Prerequisite: Computer Science 11

Computer Science 12 focuses on the big ideas of decomposition and abstraction of problems, the algorithmic process, computational thinking, and data representation. Course content includes data structures, multidimensional arrays, searching and sorting algorithms, runtime analysis, recursion, encapsulation and modelling of mathematical problems.

This course satisfies the requirement that students must take a 4-credit grade 11 or 12 mathematics course in order to graduate.

MATH 11: PRE-CALCULUS

Prerequisite: Foundations of Mathematics and Pre-Calculus 10

Pre-Calculus 11 is a course that helps students develop understanding of algebra, operations, functions, and proportion in anticipation of calculus. The big ideas that guide the course are: proportional comparisons can be made among triangles and angles on a coordinate plane using trigonometry, meanings of mathematical operations extend to algebraic expressions, functions allow learners to model contextualized and financial situations, and operations between algebraic expressions and equations are connected and help learners make meaning though abstract thinking.

Students will be expected to reason and analyze, understand and solve, communicate and represent, and connect and reflect these ideas through the course content, which is expected to include, but is not necessarily limited to: powers with rational exponents, radicals, the real number system, exponential functions, investments and loans, polynomial factoring, rational expressions and equations, quadratic functions and equations, and trigonometry of non-right triangles and angles in standard position.

The pre-calculus pathway is designed for students who are going into university studies that require calculus.

This course satisfies the requirement that students must take a 4-credit grade 11 or 12 mathematics course in order to graduate.

MATH 12: FOUNDATIONS

Prerequisite: Foundations of Mathematics 11 or Pre-Calculus 11

Foundations of Math 12 is designed to help students develop their understanding of systematic counting, functions, logic, and spatial relationships. The big ideas that guide the course are: combinatorics provides efficient strategies for counting; understanding the characteristics of a variety of functions helps in modeling data; logical reasoning helps learners pose, organize, and defend arguments; and learners can create, measure, and describe objects in geometry by using spatial relationships.

Students will be expected to reason and analyze, understand and solve, communicate and represent, and connect and reflect these ideas through the course content, which is expected to include, but is not necessarily limited to: transformations with iterations that create fractals, regressions and their analyses, set theory and conditional statements, combinatorics, probability and odds, and graphical representations of polynomial, logarithmic, exponential, and sinusoidal functions.

The foundations pathway is designed for students who are going into university studies that do not require calculus.

This course satisfies the requirement that students must take a 4-credit grade 11 or 12 mathematics course in order to graduate.

MATH 12: PRE-CALCULUS

Prerequisite: Pre-Calculus 11

Pre-Calculus 12 is a course that helps students develop understanding of algebra, functions, inverses, and visualization in anticipation of calculus. The big ideas that guide the course are: many functions are related through inverse operations, analyzing the characteristics of functions allows learners to solve equations and model and understand relationships, transformations of shapes extend to functions in all of their representations, and geometrical thinking and visualization can be used to explore conics and functions.

Students will be expected to reason and analyze, understand and solve, communicate and represent, and connect and reflect these ideas through the course content, which is expected to include, but is not necessarily limited to: logarithmic functions and equations, operations on logarithms, exponential equations, sequences and series, polynomial functions and equations, transformations of functions, conics, rational functions, and trigonometric functions, equations, and identities.

The pre-calculus pathway is designed for students who are going into university studies that require calculus.

This course satisfies the requirement that students must take a 4-credit grade 11 or 12 mathematics course in order to graduate. It is widely accepted for entrance into most university programs.

MATH 12: CALCULUS

Prerequisite: Pre-Calculus 12

Calculus 12 is where students further their understanding of rates of change of phenomena and the concept of finding infinite sums. The big ideas that guide the course are: the concept of a limit is foundational in developing calculus, differential calculus develops the concept of instantaneous rate of change of one quantity in relation to another, integral calculus develops the concept of finding the sum of an infinite series, and derivatives and integrals have an inverse relationship.

Students will be expected to reason and analyze, understand and solve, communicate and represent, and connect and reflect these ideas through the course content, which is expected to include, but is not necessarily limited to: limits, derivatives, applications of derivatives, integrals, and applications of integration.

A mark of at least a "B" in Pre-Calculus 12 is required for entry into any Calculus course.

There will be mandatory extra sessions of Calculus before or after school. Students must consider this when signing up for X-block courses.

Students who are intending to enrol in calculus in college or university are strongly recommended to take this course. This course satisfies the requirement that students must take a 4-credit grade 11 or 12 mathematics course in order to graduate.

Career Education

CAREER LIFE EDUCATION (CLE) 10

Career Life Education is a new requirement within the revised Graduation Program.

Throughout the Career Education curriculum, students explore the relationships between personal choices and decisions, examine how family and community can support problem-solving and decision-making, and investigate career options so they can make informed decisions. The following 3 themes are constant to this course:

- Fundamental skills
- Personal management skills
- Teamwork skills

Workplace safety, employment standards and essential career skills are just some of the aspects that students will examine as part of a career life plan. There will also be a focus on personal financial planning as well as goal setting and lifelong learning to enable students to become self-directed individuals who set goals, make thoughtful decisions and take responsibility for the pursuing their goals.

CAREER LIFE CONNECTIONS (CLC) 11

Career Life Connections is a new graduation requirement within the 2018 Graduation Program. Students must take this course in either:

A) Semester 2 of their Grade 11 year OR
B) Semester 1 of their Grade 12 year

In Career Life Connections 3 themes run through the curriculum:

- Personal Development
- Connections to Community
- Career Life Planning

There is an emphasis on self-assessment and preparation as they relate to post-graduation plans. Communication skills will be developed and transferable skills will continue to be emphasized. Career information will explored in-depth and an awareness of all choices and opportunities will be examined.

As part of Career Life Connections students will design, assemble, and present a Capstone Project to an audience to demonstrate personal learning and achievement, growth in the core competencies, and a reflection on the post-graduation plan. This personal integrated plan for post-graduation will articulate choices related to:

- Careers
- Education
- Finances
- Health and Well-being

Physical & Health Education

PHYSICAL & HEALTH EDUCATION 10

The aim of Physical & Health Education 8-10 is to enable all students to develop knowledge, movement skills, and positive attitudes and behaviours that contribute to a healthy, active lifestyle. It is expected that students successfully complete each level of Physical & Health Education before proceeding to the next.

The students will have the opportunity to:

1. Participate in, and experience, a variety of performance and leisure-oriented activities.
2. Develop positive attitudes towards physical activities.
3. Be able to develop positive personal and social behaviours, and work cooperatively in group activities.
4. Acquire skills and knowledge necessary to develop an active and healthy lifestyle.
5. Learn how healthy choices influence, and are influenced by, our physical, emotional, and mental well-being.
6. Understanding the factors that influence our health empowers us to take action to improve it.

Activities include individual and dual activities, team games, and dance. Examples of activities include: badminton, pickleball, weight training, basketball, softball, soccer, football, volleyball, lacrosse, field hockey, floor hockey, minor games, and various styles of dance.

FITNESS & HEALTHY LIFESTYLES 10 (NEW!)

Fitness and Healthy Lifestyles 10 (FHL10) is designed to provide students with opportunities, beyond Physical and Health Education 10, to achieve improved levels of health knowledge and intrinsic motivation to be more active. FHL 10 is a non-competitive fitness and conditioning course. Students will be provided the opportunity to attain a greater understanding of health and the effects of lifestyle choices while in a safe environment to work towards personal goals for an improved level of physical fitness. Students will be exposed to a variety of fitness activities such as yoga, Zumba, fitness classes, running, walking, weight training, hiking, and/or aquatics.

FITNESS & CONDITIONING 12 (formerly Exercise Science 12)

This course is gym and classroom based. Students should expect written assignment in addition to the traditional gym participation and practical lab type activities.
Students are expected to be able to do the following:

Healthy and active living

• Participate daily in physical activities designed to enhance and maintain health components of fitness
• Identify, apply, and reflect on strategies utilized to pursue personal fitness goals
• Identify and describe the relationship between healthy eating, overall health, and performance in fitness activities
• Analyze health messages from a variety of sources and describe their potential influences on health and well-being
• Analyze and critique a variety of fitness myths and fads
• Plan ways to overcome potential barriers that affect participation in fitness and conditioning activities
• Explain how developing competencies in fitness and conditioning activities can increase confidence and encourage lifelong participation in physical activities

Human anatomy and physiology

• Identify and describe how muscles produce movement in different parts of the body and how to train those muscles
• Identify and describe the influences of different training styles on fitness results

Principles of training

• Develop and demonstrate appropriate exercise techniques for a variety of fitness activities
• Create and implement a personalized fitness program
• Identify and describe how different types of fitness activities influence the muscular system and the cardiovascular system

Social responsibility

• Demonstrate a variety of leadership skills in different types of fitness activities
• Demonstrate appropriate behaviours in different types of fitness activities and environments
• Apply safety practices in different types of fitness activities, for self and other

WEIGHT TRAINING 11/12 (Formerly Superfit 11/12)

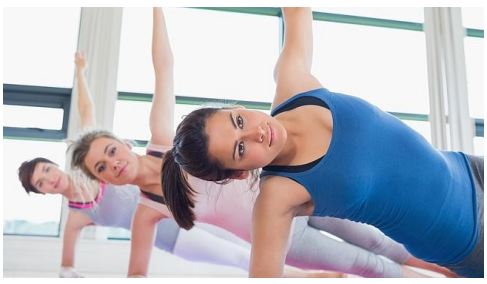
This course has been developed to support and encourage student's safe and effective participation in weight training. Weight Training is an individual fitness endeavour which when performed properly, has numerous health and social implications. Students will gain hands-on weight training techniques, knowledge of principles of training, safety procedures, adaptations to training and knowledge about supplement use. Students will be able to develop an individual weight training program and conduct the implementation of the plan to reach personal goals. The physiology of strength-training necessitates days of rest from resistance workouts; thus, students will be expected to participate in other activities (i.e. cardio-vascular) throughout the course.

ACTIVE LIVING 11/12

(Sr. Physical Health & Education 11/12)

In this course, students will be participating in traditional sports and activities associated with senior physical education courses, as well as strength and conditioning. In addition, there will be some health related content such as nutrition and injury prevention that may be delivered in a classroom setting. This class will include both weight room and regular physical education facilities on a regular basis.
Students are expected to be able to do the following:

- Demonstrate appropriate movement skills for a variety of physical activities and environments
- Develop and demonstrate strategies to effectively participate in a variety of physical activities
- Apply methods of monitoring and adjusting exertion levels in physical activity
- Describe the impact of various types of physical activities on health and mental well-being
- Plan ways to overcome potential barriers to participation in physical activities
- Develop and demonstrate skills needed to plan, organize, and safely participate in recreational events and other preferred physical activities
- Identify and implement tactics to increase their chances of success in a variety of physical activities
- Explain how developing competencies in physical activities can increase confidence and encourage lifelong participation in physical activities
- Explain the importance of resilience in maintaining personal health



INTRAMURALS 12

Prerequisite: Permission of intramurals coordinator
This course will provide an opportunity for select students to develop leadership skills in a recreational setting. Students will be responsible for and involved in planning and running the very popular lunch hour intramural program. Student will learn to plan, organize, implement and supervise events such as soccer, basketball, hockey and dodgeball schedules and playoffs. Students must role model positive behavior, communication, service to other students and leadership. Students will receive a spare block during their timetable in lieu of working every lunch hour in the gymnasium.

PEER TUTORING 11: P.H.E. Class Tutor

Prerequisite: Approval from P.E. Department Head
P.H.E. Peer Tutoring 11 is an opportunity for students to develop leadership skills by mentoring, assisting and teaching younger students in a physical health and education setting. Physical Heath and Education 11 provides great opportunities for our students to be creative, and to become directly involved in developing a diverse range of INCLUSIVE activities for students of all skill levels. Furthermore, they develop leadership skills of organization/delegation through leading minor activities/warm ups, and mentorship through facilitating/refereeing games.

PEER TUTORING 12: P.H.E. Class Tutor

Prerequisite: Approval from the P.E. Department Head
To be a leader, one must be allowed and encouraged to lead! PE Student Teaching Assistants are provided with the opportunity to learn about planning, organizing, communicating and teaching under the direct support of the classroom teacher. This course is designed for students that have a keen interest in PE, Athletics and Recreation. Students will work directly with younger PE students in their PE class and will be responsible for duties such as role modeling positive ehaviors, taking attendance, organizing equipment, organizing teams, set up, take down and maintenance of equipment. Students need to be patient, responsible and knowledgeable about a variety of sports, games concepts and work well with younger students.

OUTDOOR EDUCATION 11/12

This second-semester PE course will offer all the regular components of PE with the added option of participation in a wide variety of off-site activities. Featured will be trips to local pools, arenas and outdoor areas where students develop skills and appreciation of adventure recreation. Such field trips will be on a pay-as-you-go basis.
Exposure to community resources adds to a richer experience and knowledge of further opportunity after graduation. This course is ideal for students with a career interest in the adventure recreation fields, tourism, resource management and eco-tourism. Evaluation will be primarily based on daily active participation, attendance and leadership.

ADST

ENTREPRENEURSHIP & MARKETING 10

This course is designed to introduce you to the role of business in our society and the way in which it impacts our everyday lives. If you want to learn how to be a smarter consumer, learn about how businesses work, or get a taste of what our senior Business courses have to offer, take this very popular course. With the use of computers and through various fun assignments, projects and presentations, you will learn about the following:

*Business communications: business documents, professional business and group correspondence
*Economics: competition in the marketplace, supply and demand, production, resource allocation
*Entrepreneurship: starting a business, business ownership, research and innovation
*Finance: financial management, budgeting, personal investment, credit
*Marketing: changing nature of marketing, marketing mix (4 P's), marketing research

Students wishing to obtain a Business degree in University, or wishing to own and operate their own business in the future will find this course invaluable.

COMPUTER STUDIES 10

This introductory course helps students build a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop Word processing, spreadsheet, desktop publishing, and presentation software skills. They will also learn about computer science, various programming languages, improve/learn how to touch type, how to manage a computer by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and investigating the social impact of computer technologies, while developing an understanding of environmental and ethical issues related to the use of computers. This course has a lot to offer and is full of fun assignments that are designed to benefit everyone who takes the course.

ACCOUNTING 11

Students will receive credit for a grade 11 elective

Workbook required, can also be used for Accounting 12.

Accounting is a very important aspect in the world of business, as it tracks the money coming into a business and the money going out of a business. This course is designed to introduce basic accounting concepts and principles. Throughout the course, you will work with workbooks, MS Excel, and play accounting Monopoly in order to learn the fundamentals of accounting. Specifically, you will learn how to:

*Learn basic accounting concepts such as keeping track of a company's financial position, revenue and expenses.
*Explain the relationship among assets, liabilities and owners' equity
*Demonstrate skill in recording transactions in a general journal and posting it to a ledger
*Demonstrate proficiency in using the double-entry accounting system
*Prepare reports using worksheets, post-closing trial balances, income statements, and balance sheets

This course will be beneficial to students who intend to study business at the post-secondary level, or who plan to own their own business in the future.

MARKETING AND PROMOTION 11

Students will receive credit for a grade 11 elective

This course will help you gain an understanding of the importance of marketing in relation to owning and running a successful business. You will learn how businesses conduct research and establish marketing strategies in order to achieve success on the local, national, and/or global scale. At the end of the term, will have an adequate understanding of:

*Basic Marketing Concepts: Importance of marketing to businesses, factors that influence how businesses operate, the role of the consumer in marketing and how marketing addresses consumer change/ diversity

*Marketing Research: Elements involved in the research process, techniques used to conduct research, how information is analyzed/evaluated to the benefit of the business

*Marketing Strategies: Elements of the marketing mix, strategies for different types of businesses, consumers, and geographic locations (international marketing)

*Marketing Plans and effective Digital Communication

This course will be particularly beneficial to students who intend to study business at the post-secondary level, plan to start their own company in the future, or intend to pursue a career in the creative industry.

COMPUTER PROGRAMMING 11

Prerequisite: None

This course is meant to be an introduction to programming logic and programming languages. You will learn about..

*History of the development of programming languages
*Influences of technological advancements related to programming
*Basic command line events
*How programming makes technology possible
*Applying correct programming and ICT terminology
*Using assigned steps to develop software
*Constructing and editing programs containing input/ output, read/write, and simple variables.

ACCOUNTING 12

Prerequisite: Accounting 11

Accounting 12 is a continuation of Accounting 11 using procedures that are more advanced. Students who complete this course will learn relevant business skills to be hired for bookkeeping jobs or to add to their resume.

*Understand basic financial information to update and create financial documents in the accounting cycle.
*Students will combine written theory with computer applications-Sage/QuickBooks
*Continue using Accounting Monopoly
*Software used - Sage/QuickBooks online. Workbook required (same book used for Accounting 11).
*Recommended for students wanting a career in Accounting, Business, or as an Entrepreneur.

ECONOMICS 12

Prerequisite: None

Economics 12 is designed for all students who have an interest in a business or managerial career, and who are interested in how the Canadian economy works. This course will benefit students who plan to attend post-secondary institutions. In this course, students will study the evolution of modern economic systems and current issues such as the production of goods and services and the organization of business. The course will also focus on the following topics: the stock market, banking, government budgets, the deficit, taxes, inflation, recession, employment and unemployment. ***UBC and SFU recognize a student's achievement in Economics 12 as part of his/her academic average.***

COMPUTER PROGRAMMING 12

Prerequisite: Computer Programming 11

This course expands on the programming skills learned in Computer Programming 11. You will learn about…

*Logic, strings, decisions and loops, data in Java
*Arrays and algorithms for sorting and searching
*Reading from and writing to files
*Advanced object oriented concepts

COMPUTER INFORMATION SYSTEMS 12

Prerequisite: Permission from CIS teacher

Computer Information Systems is a course for students who have some familiarity with computers and troubleshooting, and are wanting to gain more experience in a tech support role within the school. Students who wish to take CIS 12 must be responsible, mature and able to succeed in a self-directed environment. This course will consist of:

*Managing electronic and computer equipment within the school
*Providing technical support for teachers and staff
*Researching the network architecture within the school and school district
*Using command line and SSH techniques to create and manage user accounts

YEARBOOK 11 AND 12 LEVEL 1

This course is designed to create the school's annual yearbook. Students will learn the basics of layout design, journalistic writing and photography. With the nature of our subject matter, students need to be prepared to commit to time outside of class for photo assignments and need to understand that it is a deadline-based course where dedication and the ability to multitask are a must. Participants gain useful, real world skills in time management, marketing, teamwork and design principles. The Level 1 course will focus more on the development of base skills: Adobe programs, photography, journalistic writing and teamwork, page design, advanced publishing techniques, copy writing and editing while producing a creative, innovative yearbook which records school memories and events. Course work is made up of challenging real world projects and assignments typical of the graphic design and publishing industries.

YEARBOOK 12 LEVEL 2

The level 2 Yearbook course will see students in leadership positions and builds upon skills learned in Level 1. Learning skills to act as editors, run a team and make important decisions for layout, design and themes are key to this course. With the nature of our subject matter, students need to be prepared to commit to time outside of class for photo assignments and need to understand that it is a deadline based course. In this course, students will work on improving their skills in: page design, advanced publishing techniques, copy writing, editing and photography while producing a creative, innovative yearbook which records school memories and events. Students gain real world skills in time management, marketing, teamwork and design principles. This is a great course for anyone looking to enter into the fields of graphic design, journalism, or media based arts.

TEXTILES 10

Grade10 students who have credit for Textiles 9 should select Textiles 11.

Students in this course will have the opportunity to construct various garments using the latest technology. Students will learn how to use a Serger, Computer embroidery machine, rotary cutter, Elna Press and Blind hemmer. Commercial patterns will be used for garment construction. Students will learn ways to recycle clothing. Exploration of textile related occupations and careers such as fashion marketing, fashion design, fashion production, and textile crafts will also be covered.

TEXTILES 11

Prerequisite: None

Showcase your stitching and design talents. Personalize your wardrobe through wise fashion choices. Choose your own patterns as abilities and experiences are varied. Use elements and principles of design to produce garments that complement your body type. Learn to use the latest in technology to make wearable clothing and/or decorative accessories. Skills learned may be applied to careers in fashion marketing, merchandising, and entrepreneurial design as well as everyday living.

TEXTILES 12

Prerequisite: Recommend Textile 11 or Advanced Sewing Skills

Students will produce textile items using challenging fabrics and/or advanced sewing skills. This course is not for the beginner. It is an advanced course for the adventurous sewer. Take advantage of the computerized embroidery sewing machine to produce design and embellishments on textile products. Learn to work with new textile fibers. A highly individualized approach will allow several choices regarding projects. Skills learned can be applied to careers in fashion design, marketing, and fashion merchandising. Students will explore the history of fashion and costume.

FASHION INDUSTRY 12

Prerequisite: Recommend Textile 11 or Advanced Sewing Skills

Students must have a solid background and understanding of garment construction as this is a highly individualized course If you follow the latest fashion pages, enjoy sewing and understand fashion trends then this is the course for you. This course encourages students to express themselves creatively through the medium of textiles. It is important that students gain an understanding of the design process and apply it in every garment they make using commercial patterns. It is expected that students will personalize the fit and ensure that garments meet industry standards. In order to do so, ready-to-wear garments will be provided for students to examine. In addition to constructions, students will learn about the fashion industry and career opportunities in the field of fashion. Upon completion of this course, students will have developed a portfolio that has their final garments, a designer biography, a logo and fashion sketches. Post Secondary institutions offering Fashion Design will require specific garments to be made (i.e. coat, jacket).

FOOD STUDIES 10

Prerequisite: None.

The focus of this course is to plan and prepare healthy dishes and meals. Students will have the opportunity to prepare multi course meals for breakfast, lunch and dinner. Students will explore health concerns associated with unhealthy eating patterns. Learn how to select reliable and healthy recipes and commercial food products. Evaluation for this course will be based on labs, written assignments, quizzes and projects.

Classroom activities provide students with opportunities to: prepare food, analyze food choices, and learn how to select reliable healthy recipes and commercial food products.

FOOD STUDIES 11

Prerequisite: None

If you would like to advance your culinary skills and learn how to prepare delicious recipes then this is the course for you. Students will learn how to prepare dishes that will be as appealing to the senses as to the finances. Cooking for yourself in a creative and nutritional manner is one of the many themes which will be touched upon. Celebrations play a major role in our lives and the preparation of exciting dishes for these events will be researched and created. Evaluation is based on practical labs, written assignments, oral presentations, unit tests, and major projects.

FOOD STUDIES 12

Prerequisite: Food Studies 11 recommended.

Foods from beautiful British Columbia to the farthest reaches of the global community are topics covered in Food Studies 12. If your heritage and the background of others piques your interest perhaps looking at these topics from a new and exciting perspective will satisfy your curiosity. Current issues in foods and health (genetically engineered foods), and food security will be evaluated. Evaluation is based on practical labs, written assignments, oral presentations, unit tests, and major projects.

CULINARY ARTS 11

Prerequisite: Recommended previous course work done in Foods 9 and/or 10.

Cafeteria Training is an introductory course in Professional Cook Training with the main focus being the preparation of daily lunch for the school and learning how to work in a professional kitchen. Students must have an excellent attendance record as daily on-time attendance is crucial for success. Students will be exposed to different types of food preparation techniques and cooking methods and will learn how to make recipes for large quantities of people. They must be able to lift heavy stockpots, work around hot stoves and ovens and not be afraid to work with sharp knives. They must also be prepared to work closely with other students and to work together as teams. Personal hygiene and personal grooming are very important as well as bringing a clean chef's coat daily to class. Topics covered include the making of sandwiches, salads, soups, stocks, main courses, baking, desserts, washing and sanitizing pots and pans and inventory and receiving. Safety and theory play an important role in this course; students must be able to carry out instructions and communicate effectively with the teacher as well as other students in the program.

CULINARY ARTS 12

Prerequisite: Completion of Culinary Arts 11

Culinary Arts 12 is a subsequent course in Culinary Arts that expose students to more in-depth training in the Professional Cook Training Industry. Students are expected to show more leadership, have a better than average attendance and on-time record and be prepared to assist new students in entry level courses. They are also expected to know how to read recipes, perform simple and continuous duties and be able to work independently with little or no supervision after each task has been demonstrated to them. Students are marked more for their leadership and culinary skills. Besides doing all of the entry level tasks explained above, these students will also be able to perform at a very high level in the kitchen.

PASTRY ARTS & BAKING 12

Prerequisite: Food Studies 10, 11 and 12 or recommendation of the Food Studies Teacher

Do you love to bake? Are you interested in advancing your skills or considering a career in the baking and pastry art industry? Then this is the course for you! Students will learn to work with different medium to create personal work of art that are utilize in cake decorating, chocolate making and French pastry. Learn techniques to express your creativity and artistic skills in designing, presenting and creating baking masterpiece. This course will provide you with opportunities to explore and discover through practical and purposeful ways.

CHILD DEVELOPMENT & CAREGIVING 12

Prerequisite: None. Open to students in Grades 10-12

This course will examine the following topics:

A. Child Development & Parenting
B. Adolescent Development
C. Interpersonal & family relationships

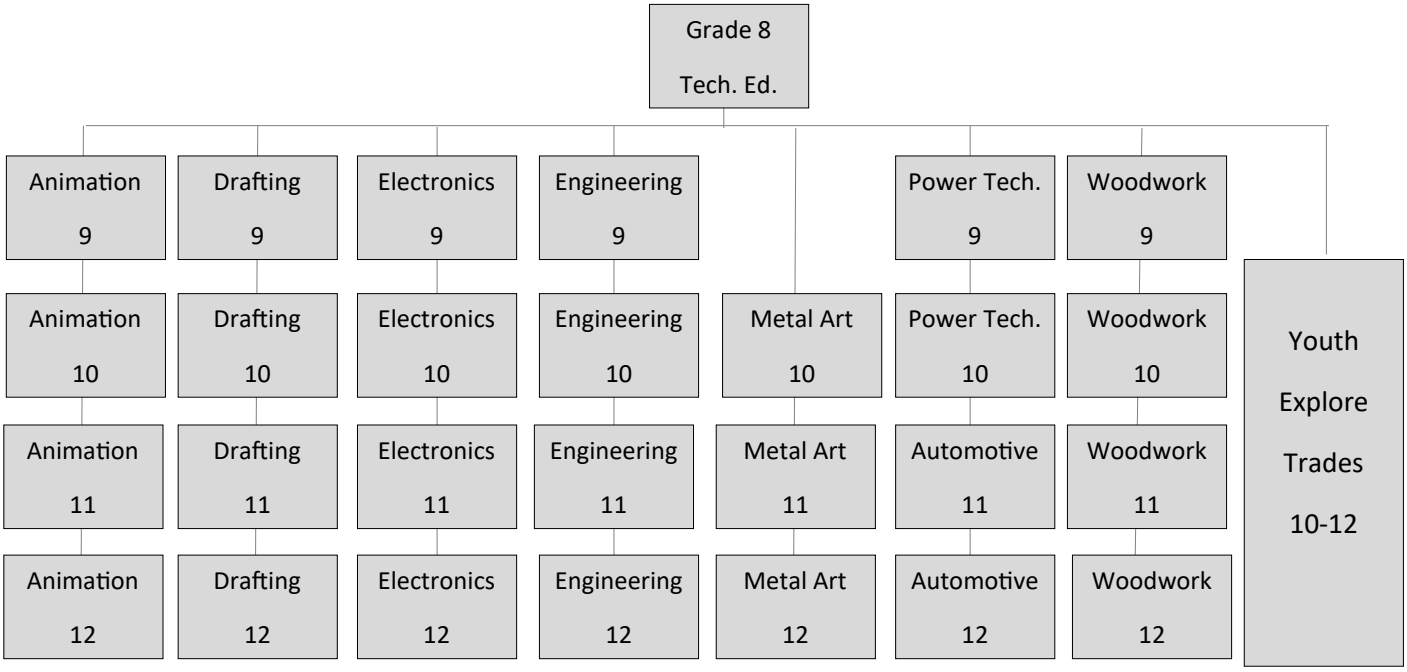
Family Studies 11 will give you an opportunity to become a parent overnight with a real life Baby Think It Over doll as you quickly experience the demands of child rearing with the swipe of your sensor bracelet.

PSYCHOLOGY 11

Prerequisite: None

This course uses a psychological perspective to provide you with an opportunity to explore social issues that exist in your personal lives, your community and in society. We will examine human behaviour, mental processes and be exposed to several psychological theories relating to adolescents and young adults. This course is an excellent choice if you are planning to enroll in post-secondary Psychology courses or if you are interested in understanding yourself and the world around you better. This course will include sections on theories of personality, gender differences, adolescence, motivation and emotion as well as look at the relationship between the brain, body and our behaviour.

Do you want to build cool stuff, invent new things and solve problems? Technology Education is one of the ways to do all of those things. Explore and discover career options in trades, technical, and engineering fields and learn useful life skills from our dynamic and talented Tech Ed teachers.



ANIMATION COURSES:

Are you artistic, creative and like using computers? Would you like to create an animated movie or design a video game? Our animation courses will introduce you to the world of computer animation and graphics that may ultimately lead to a career in the movie making or video game industry.

ANIMATION 10

Prerequisite: None

This course introduces students to the world of Computer Animation and Computer Graphic (CG) Arts. Animation engages students in a problem solving design process, an artistic process and a technical process. This course is based on computers, but also incorporates hand sketching. Students will learn basic computer 3D modeling techniques, texturing, lighting, camera work, rendering, animating and video production. Students will use Maya software to create their animation projects. This course is recommended for creative students who can work and learn independently and wish to explore the world of computer animation.

ANIMATION 11

Prerequisite: None

This course takes students further into the world of computer animation. Design and problem solving, creative, artistic and technical processes are the foundation of this course. Students will learn concepts of planning and designing storyboards, and further develop skills in 3D modelling, texturing, lighting, animating, special effects and rendering. Students will use a combination of hand sketching and Maya software to complete a variety of animated projects.

This course is recommended for students who wish to explore career possibilities and further studies in Animation, Computer graphics, and Video game design.

ANIMATION 12

Prerequisite: Open to all Grade 11 and 12 students with Animation 11 or equivalent demonstrated proficiency.

This is an advanced course in Computer Animation using industry standard Maya software. Students will continue to build on the previous course curriculum experience to further enhance their skills in computer animation. They will go deeper into 3D modeling, texturing, lighting, animating, special effects and rendering.

The larger portion of this course is a major project. Some students can choose to work in teams.

This specialized curriculum is designed for creative students who can work and learn independently

DRAFTING & DESIGN COURSES:

Students who take our drafting and design courses will learn a useful set of skills that can be applied to many career and life choices. Engineers, Architects, Carpenters, Electricians, Mechanics and Millwrights are just some of the professions that require the ability to read a set of blueprints.
Software used: AutoCAD, Inventor and Revit.

DRAFTING 10

Prerequisite: None.
This Introductory course gives the student the opportunity to learn various Drafting & Design processes that are used in the Engineering, Manufacturing and Construction industries. Design principles, hand drawing techniques and CAD software will be taught in this project based course. Students will learn both Engineering and Architectural drawing formats. Project activities include designing a small house and drawing the building plans using 3D CAD software and then building a foam board model. In addition to learning basic drafting skills, students will use a 3D printer and a vinyl cutter to create stick-on decals.

DRAFTING 11

Prerequisite: None
This Course gives the student the opportunity to learn various Drafting & Design processes that are used in the Engineering, Manufacturing and Construction industries at an intermediate level. Design principles, hand drawing techniques and CAD software will be taught in this project based course. Students will learn both Engineering and Architectural drawing formats. Project activities include residential house design and model making, 3d printer projects, Vinyl cutter projects and the opportunity to use a CNC machine. The skills learnt in this course are invaluable for those who intend to pursue design and drawing related careers such as Engineering, Architecture, and Industrial Design.

DRAFTING 12

Prerequisite: Drafting 11 is recommended
This advanced course provides students who have demonstrated proficiency and interest in Engineering or Architectural Drafting to expand their knowledge base and skill set in this area. After a review of hand drawing skills, students decide on an Architectural or Engineering focus for this course. The focus of the Architectural course will be the "Rethink Dwelling" project where students are asked to critically rethink residential home design, then students will design, draw the building plans, build a model and then present their solution. Engineering students will work on advanced machine part design projects and use the 3D printer to prototype and model their work. The skills learnt in this course will be of benefit to anybody going into Engineering or Architectural related field after high school.

KWANTLEN DRAFTING & AUTOCADD PROGRAM

This course provides students who have previous drafting experience to expand their skill set and earn dual credits by enrolling in the Kwantlen Polytechnic University/Surrey School District Drafting Co-op. If you have taken previous drafting courses, take advantage of this excellent opportunity to learn marketable career drafting skills. See the Career Ed office for more details.

ELECTRONIC/ROBOTICS COURSES:

Prepare for the future with our Electronics courses that are evolving to keep up with the ever changing hi-tech world as computer automation and electronic systems become part of our everyday lives. Every Electronics course will cover robotics and programming in addition to problem solving and design. Kick start a career or become an informed user of your electronic world.

Software used: AutoCAD, Arduino & Fritzing.

ELECTRONICS & ROBOTICS 10

Prerequisite: None
This course provides an opportunity to learn the fundamentals of electricity and electronics, how electronic components function, and how to use electronic test equipment. Students will learn how electronic components function, how to build and prototype basic circuits, soldering techniques and circuit board construction, and how to use a multimeter. Take home projects include an LED lamp and the light seeking "MouseBot" project. Level 2 students will build the Arduino Maze-Bot project. Students will incorporate 3D printing and CNC manufacturing in to their projects and also be introduced to Arduino/robotics programming.

ELECTRONICS 11

Prerequisite: None
This course provides an opportunity to learn the fundamentals of electricity and electronics, how electronic components function, and how to use electronic test equipment at an intermediate level. Students will learn how to design, prototype and troubleshoot electronic circuits. Mechanical and power transmission applications will also be explored. Students will continue to expand their practical skills by designing and constructing project cases and robot platforms & structures. Level 2 students will build the Arduino Maze-Bot project. Level 3 students will build an Arduino 2 legged walking Robot. Students will incorporate 3D printing and CNC manufacturing in to their projects and also incorporate to Arduino/robotics programming into their projects.

ELECTRONICS 12

Prerequisite: Electronics 11

This advanced course provides students who have demonstrated proficiency and interest in Electronics and Robotics to expand their knowledge base and skill set in this area. Students are expected to do more advanced projects, circuit design and testing. Level 3 students will work on an Arduino based robotics project or work with the VEX EDR Robotics system. Level 4 students will work independently on teacher directed or self directed projects.

METAL ART 10, 11, & 12

This course is an exploration of metal as a 3D art material. After a thorough introduction to the metal/welding shops and work shop safety, students will have the opportunity to combine their imaginations, creativity, and new found shop skills to create various metal art projects. Class activities include individual demonstrations, assignments and projects. Three to four set projects will be completed during the semester based on metal sculpture and/or jewelry designs.

ENGINEERING 10

Prerequisite: None

This entry level course is an introduction to Engineering and Industrial Design. It is a combination of Technology, Art and Science and is designed for a creative and self-motivated student looking to gain hands on experience. Students who enjoy fixing, building, designing and drawing really thrive in this course. The emphasis of this course is on developing problem solving skills by following a Design Process. Students will spend half the course on research, design and drafting and the other half on constructing their projects. Members of this class will get experience working with hand tools, machines, computer technology and a variety of materials. Projects undertaken in this course may include CO2 car design, Aeronautics (Rockets), Structural Engineering, Model Planes and CNC manufacturing.

ENGINEERING 11

Prerequisite: None

This course is designed for students considering careers as engineers, architects, technologists, technicians and industrial designers in a variety of different fields. It is a combination of Technology, Art and Science and is designed for a creative and self-motivated student looking to gain hands on experience. Students will follow an industrial design process to research, design and construct their projects using a variety of hand tools, machines, computer technology and materials. Problem solving is a major focus of this course and students will spend half their time designing and drafting projects. The other half of the course is for constructing their projects. Projects undertaken in this course may include CAD/CNC manufacture, Aeronautics, Automotive Design, Marine Design, Robotics, or other engineering challenges.

ENGINEERING 12

Prerequisite: Engineering 11

This Course is meant to be an advanced extension of Engineering 11. Students will utilize there previous experience in Industrial Design and Engineering to design teacher and/or student directed projects. This course is designed for students considering careers as engineers, architects, technologists, technicians and industrial designers in a variety of different fields. It is a combination of Technology, Art and Science and is designed for a creative and self-motivated student looking to gain hands on experience. Students will follow an industrial design process to research, design and construct their projects using a variety of hand tools, machines, computer technology and materials. Problem solving is a major focus of this course and students will spend half their time designing and drafting projects. The other half of the course is for constructing their projects. Projects undertaken in this course may include CAD/CNC manufacture, Aeronautics, Automotive Design, Marine Design, Robotics, or other engineering challenges.

POWER TECHNOLOGY 10

Prerequisite: None

This is an introductory mechanics course. The focus of this course will be on exploring the 2 and 4 stroke internal combustion engine and how to work safely in a mechanics shop. Students will learn about the tools and parts required to dismantle and rebuild a small engine and learn about the engine's operating systems. Students will also be given an introduction to precision measurement, metalworking and various welding techniques. This is an excellent opportunity for students to be introduced to mechanical and metal trades careers.

AUTOMOTIVE TECHNOLOGY 11

Prerequisite: None.

This introductory auto mechanics course will provide students with a general overview of today's automobile and how to work in an automotive repair shop. Students will gain a combination of "hands-on" skills and knowledge that will be invaluable for future car owners as well as for those interested in mechanics as a career. The focus of this course will be on learning shop safety, how to work with hand tools, automotive operating systems, basic automotive servicing and repairs and an introduction to various welding techniques. No prerequisites are required to take this course.

AUTOMOTIVE TECHNOLOGY 12

Prerequisite: Automotive 11

This is a continuation of Auto 11 and will allow the student to gain greater knowledge and skills in working with today's automotive technology. Topics of this course will include shop safety, how to work with hand tools, and welding procedures. Automotive servicing, problem diagnosis & repair, engine & powertrain rebuilding, and electrical/electronic systems, and basic bodywork can be covered in this course. Students should have taken Automotive 11 before taking this course.

WOODWORK 10

Prerequisite: None

This course is an introduction to woodworking. Students will become familiar with the safe use of tools and machines, and the craft of woodworking through teacher-directed projects and by projects that you choose and design yourself. The class will cover basic joinery and woodworking techniques along with an introductory unit using our computerized CNC router. Projects may include wood carving, intarsia, cutting boards, jewelry boxes, clocks, wood bowls, and simple furniture.

WOODWORK 11

Prerequisite: None

This is course is designed to cover an intermediate level of wood working techniques and design. Students will become familiar with the safe use of tools and machines through the construction of both teacher directed and student selected projects. The objective of this course is to increase students knowledge of woodworking processes as well as continue to improve their hands-on and problem solving skills. Skills that will prove valuable over their lifetime as wells open doors to a variety of exciting careers. Projects may include wood carving, intarsia, cutting boards, jewelry boxes, clocks, wooden bowl turnings, furniture construction, chests and a intermediate unit on our CNC router.

WOODWORK 12

Prerequisite: Woodwork 10

The main objective of this course is to offer students with previous Woodworking experience an opportunity to learn more advanced project design and joinery techniques. The areas of focus will include a blending of safety, measurement, wood theory, tools and equipment use, joinery, hardware, shop setup and a look at manufacturing processes. Students will apply their knowledge to construct teacher or student selected projects as well as assist in the repairs/ upkeep of school equipment, tool panels and shop machinery. The skills in this course will prove to be invaluable over their lifetime as well as open doors to a variety of exciting career options.

YOUTH EXPLORE TRADES 10-12

Youth Explore Trades provides students in Grade 10, 11 and 12 a unique opportunity to get hands –on and in depth experience sampling a variety of different Trade areas including Carpentry, Electrical, Plumbing, Drafting, Welding and Sheet Metal. The focus of the course is to give students a sense of what trades are available in industry and what trade may best suit their interests and talents. This course will provide students with practical introductory level trade skills and knowledge, while enhancing their ability to problem solve, use tools and machines and collaborate with others. If you love creating new and exciting things and are interested in potentially exploring a career in trades but are not sure which trade you prefer, this is the course for you! Students may also use their experience in this course for later transitions into the Surrey School Districts Youth Train in Trades programs. Please note: Students may only take this course once for graduation credit.

Technology Education Course Selector

	Animation	Drafting	Electronics	Automotive	Engineering	Woodwork	YET 10-12
Career Paths **ATTRIBUTES**	Film & TV Video Games Advertising Graphic Arts	Architecture Carpentry Engineering Design Interior Design - CNC Programmer	Electronics Techician Electrician Engineering Robotics Computer Technician Computer Programmer	Auto Mech Aircraft Mech Diesel Mech Heavy Duty Mech Millwright Machinist Welder AutoBody	Engineering Robotics Industrial Design Millwright - CNC Programmer Machinist	Construction Carpentry Cabinetry Furniture Design Arts & Crafts Wood Carver Stage craft & movie sets	Construction Carpentry Plumbing Sheet Metal Welding Drafting
I like working with tools and machines			**X**	**X**	**X**	**X**	**X**
I like working with computers	**X**	**X**	**X**		**X**		
I like building things			**X**	**X**	**X**	**X**	**X**
I like Problem solving		**X**	**X**	**X**	**X**	**X**	**X**
I like to be creative	**X**	**X**			**X**	**X**	**X**
I like to draw	**X**	**X**			**X**		
I like model making	**X**	**X**			**X**		
I like fixing things and taking things apart to see how they work			**X**	**X**	**X**	**X**	
I don't mind getting my hands dirty				**X**		**X**	**X**
I like Math & Science		**X**	**X**		**X**		
I prefer to work and learn independently	**X**	**X**			**X**		
I am better at following clear directions and instructions			**X**	**X**		**X**	**X**
I like to work on my feet rather than sit at a desk			**X**	**X**	**X**	**X**	**X**

Arts

See diagram at the end of the booklet if you have questions, or see Mr. Rossiter.

ART STUDIO 10

This course is open to students looking for a foundation in a variety of art disciplines. This course explores drawing, painting, printmaking, ceramics and sculpture providing a broad range of experience in the visual arts. Students will investigate a variety of styles, historical, cultural social and personal contexts as they develop their artwork. Exploration and experimentation using different processes, materials and techniques are encouraged. All students will be expected to maintain a visual journal as a record of their ideas, image development and exploration. Come and join us in the studio!

SCULPTURE 10

This course is designed for students who are interested in creating functional and sculptural artwork. We will be using a variety of materials to understand how artwork communicates with viewers and interacts with the space around them. We will apply a variety of sculpting methods such as assemblage, casting, carving and an introduction to throwing on the pottery wheel. We will be using media such as; clay, glazes, plaster, paper mache, paper pulp, soapstone, wire, metal, wood, fabric, found objects and mixed media. Traditional and contemporary styles and processes will be explored. All students will be expected to maintain a sketchbook for research, project planning and image development. Come and join is in the studio!

DRAWING & PAINTING 10

This course is designed for students who want to explore different drawing, painting and printmaking materials and processes. Techniques and media may include: charcoal, graphite, water colour, mixed media, scratchboard, acrylic paint, pen and ink, mono prints, drypoint, chalk pastels, oil pastels and many more. 2D surfaces such as paper, canvas and wood may be used as the start to interesting and creative imagery. Explorations will focus on personal, historical and cultural themes using a variety of styles. Students will learn basic techniques and will be challenged to create unusual and creative pieces. All students will be expected to maintain a visual journal as a record of their ideas, image development and exploration. Come and join us in the studio!

MEDIA ARTS Level 1 (10,11,12)**(NEW COURSE—required for levels of video)**

Prerequisite for Media Arts Level 2

This is a course that actively engages students in the creative processes and analysis of video and film, print media and podcasts. Students will spend time in different production crews across a variety of roles (behind the camera, in front of the camera and editing) to create videos for a variety of purposes and genres (such as tutorials, interviews, PSA, music video, commercials, comedy/drama). Topics may include but are not limited to storyboarding, camera angles, lighting, sound and editing effects.

This a great class for students motivated to improve their videography skills and explore related media regardless of level of experience.

ART STUDIO 11

This course encourages students to continue developing their interests and expertise in drawing, painting, printmaking, ceramics and sculpture. Students will investigate a variety of styles and historical, social, cultural and personal contexts as they develop their personal work. Exploration and experimentation using different processes, materials and techniques are encouraged. This foundation course focuses on broad range of art experiences. All students will be expected to maintain a visual journal as a record of their personal imagery, research, image development and materials exploration. Come and join us in the studio!

SCULPTURE 11

This course is designed for students who wish to continue to explore and create functional and sculptural artwork in greater depth. We will be using a variety of materials to understand how artwork communicates with viewers and interacts with the space around them. We will apply a variety of sculpting methods such as assemblage, casting, carving and throwing on the pottery wheel. We will be using media such as: clay, glazes, plaster, paper mache, paper pulp, soapstone, wire, metal, wood, fabric, found objects and mixed media. Traditional and contemporary styles and processes will be explored. All students will be expected to maintain a sketchbook for research, project planning and image development. Come and join us in the studio!

DRAWING & PAINTING 11

This course is for students who wish to continue to explore different drawing, painting and printmaking materials and processes in greater depth. Materials and techniques may include: charcoal, graphite, water colour, mixed media, scratchboard, acrylic paint, pen and ink, mono prints, drypoint, chalk pastels, oil pastels and many more. 2D surfaces such as paper, canvas and wood may be used as the start to interesting and creative imagery. Explorations will focus on personal, historical, social and cultural themes using a variety of styles. Students will learn and expand upon basic techniques and will be challenged to create unusual and creative pieces. All students will be expected to maintain a visual journal as a record of their ideas, image development and exploration. Come and join us in the studio!

MEDIA ARTS Level 2 (10,11,12)

Media Arts Level 1 is required to be taken before this class

This is a course that challenges students further in the creative processes and analysis of video and film, print media and podcasts. Students will spend time in different production crews across a variety of roles (behind the camera, in front of the camera and editing using Adobe Premier Pro) to create videos for a variety of purposes and genres such as: tutorials, interviews, PSA, music video, commercials, comedy/drama). Topics may include but are not limited to storyboarding, camera angles, lighting, sound and editing effects. This a great class for students motivated to improve their videography skills and explore related media regardless of level of experience.

ART STUDIO 12

This course is designed for students wishing to continue their education in the visual arts through their art making in drawing, painting, printmaking, sculpture, ceramics and textiles. Students will be encouraged to develop their own style in creating unique and personal images. Students will explore related cultural and historical issues with an emphasis on personal and social relevance. Exploration and experimentation using different processes, materials and techniques are encouraged. All students will be expected to maintain a visual journal as a record of their personal imagery research, image development and materials exploration. Come and join us in the studio!

SCULPTURE 12

This course is designed for students who wish to continue to explore and create functional and sculptural artwork in greater depth. We will be using a variety of materials to understand how artwork communicates with viewers and interacts with the space around them. We will apply a variety of sculpting methods such as assemblage, casting, carving and throwing on the wheel. We will be using media such as: clay, glazes, plaster, paper mache, paper pulp, soapstone, wire, metal, wood, fabric, found objects and mixed media. Traditional and contemporary styles and processes will be explored. All students will be expected to maintain a sketchbook for research, project planning and image development. Come and join us in the studio!

DRAWING & PAINTING 12

This course is for students who want to explore different drawing and painting materials and methods in greater depth. Materials and techniques explored may include: charcoal, graphite, water colour, mixed media, scratchboard, acrylic paint, pen and ink, mono prints, drypoint, chalk pastels and many more. 2D surfaces such as paper, canvas and wood may be used as the start to interesting and creative imagery. Explorations will focus on personal, historical and cultural themes using a variety of styles. Students will develop technical skills and will be challenged to create unusual and creative pieces. All students will be expected to maintain a visual journal as a record of their ideas, image development and exploration. Come and join us in the studio!

MEDIA ARTS Level 3 (11,12)

Media Arts Level 2 is recommended to be taken before this class

This is a course that actively engages students in the creative processes and analysis of video and film print media, and podcasts. Students will explore broadcast media from audio/video recording, editing, preproduction and post production. Students will spend time in different production crews across a variety of roles (behind the camera, in front of the camera and editing using Adobe Software) to create videos for a variety of purposes and genres (such as Commercials, Journalistic interviews, PSA, Music Videos, Commercials, Trailers, and School Class Videos). Topics may include but are not limited to storyboarding, camera angles, lighting, sound and editing effects. This is a great class for students motivated to improve their videography skills and explore related media.

ART CAREERS 11

Prerequisite: An Art 10 course or teacher permission

Art Careers 11 will allow students to begin to discover areas of personal strength and style while establishing a portfolio demonstrating a breadth of ability. These highly motivated students will be given more independence and freedom to explore a variety of media and personal themes than in a regular art class, completing artwork at a more accelerated pace. Students will also begin to explore post secondary and career options. Students will be expected to keep a visual journal as a record of their ideas, image development and explorations. This course is highly recommended for students who plan to take Art Careers 12 in their final year.

ART CAREERS 12

It is strongly recommended that students have taken a grade 11 or 12 level art class previously and/or concurrently. Art Careers 11 is recommended but not required.

This course is for serious art students who will work in consultation with the teacher on an area of specialty. It will provide experienced art students an opportunity to prepare a portfolio for possible employment or postsecondary education in art, to study an area of interest in depth and to research postsecondary opportunities. Creating a series of pieces that show "breadth" in understanding of different processes and materials and also "depth" in personal exploration of thematic/aesthetic ideas of their choice are integral aspects to the course. Students will be expected to keep a visual journal as a record of their ideas, image development and explorations.

PHOTOGRAPHY 10, 11 & 12 LEVEL 1

Access to a DSLR camera and SD card recommended

This introductory level course is designed for students who wish to explore the world of photography. They will consider aspects of photographic composition and different genres in photography such as the portrait, still life and landscape. Activities in the course are designed to encourage students to understand the creative process, to interpret and make judgments about how various works of art have been made, how they affect our lives and to create their own artworks. The students will learn the elements of photography—Light, ISO, Aperture and shutter speed, as well as how these elements interact. They will be introduced to the digital darkroom where they will capture, process and create original images. Photoshop editing and effects will be explored and students will be introduced to studio lighting.

PHOTOGRAPHY 11 AND 12 LEVEL 2

Access to a DSLR camera and SD card recommended, Photo 10 Level 1 or teacher recommendation required

Students will explore the world of digital image taking, editing and manipulation. Emphasis will be placed on creating content, exploring ideas and will also have a focus on learning camera properties and manipulating light. Students will be introduced into the world of colour and black and white photography and create visually interesting, original and personally meaningful images. They will consider aspects of photographic composition and different genres in photography such as portrait, still life and landscape. Photoshop editing and effects will be used to manipulate photos for particular visual purpose and studio lighting will be explored in greater depth. We will look at some of the fascinating technical, practical and commercial aspects of photography today and apply many of these ideas into our original and creative visual work.

PHOTOGRAPHY 12 LEVEL 3

Access to a DSLR camera and SD card recommended, Photography 11 Level 2 or teacher recommendation required

This course is project-based, focusing on reinforcing and making connections between concepts of photocomposition and design, software and camera proficiency, and developing powerful photo design solutions. At this level students are expected to be self- motivated and work independently to develop their own unique personal style. Assignments will be self-directed and can cover a number of topics, such as: landscape photography, photojournalism, people and children, event and concert photography, advertising and product photography, fashion photography as well as night and time exposures. Focus will be more on client-based design projects for the "real world". Evaluation will be based on participation, assignments, projects and the portfolio. It is expected that students will use significant time out of school to take photos for projects and the portfolio. It is essential to have access to a DSLR camera as the school has a limited supply. This course allows exploration of a variety of careers and portfolio building in photography.

YEARBOOK 11 AND 12 LEVEL 1

This course is designed to create the school's annual yearbook. Students will learn the basics of layout design, journalistic writing and photography. With the nature of our subject matter, students need to be prepared to commit to time outside of class for photo assignments and need to understand that it is a deadline-based course where dedication and the ability to multitask are a must. Participants gain useful, real world skills in time management, marketing, teamwork and design principles. The Level 1 course will focus more on the development of base skills: Adobe programs, photography, journalistic writing and teamwork, page design, advanced publishing techniques, copy writing and editing while producing a creative, innovative yearbook which records school memories and events. Course work is made up of challenging real world projects and assignments typical of the graphic design and publishing industries.

YEARBOOK 12 LEVEL 2

The level 2 Yearbook course will see students in leadership positions and builds upon skills learned in Level 1. Learning skills to act as editors, run a team and make important decisions for layout, design and themes are key to this course. With the nature of our subject matter, students need to be prepared to commit to time outside of class for photo assignments and need to understand that it is a deadline based course. In this course, students will work on improving their skills in: page design, advanced publishing techniques, copy writing, editing and photography while producing a creative, innovative yearbook which records school memories and events. Students gain real world skills in time management, marketing, teamwork and design principles. This is a great course for anyone looking to enter into the fields of graphic design, journalism, or media based arts.

DRAMA 10 - INTRODUCTION TO THEATRE

New to the Theatre Program at Fleetwood Park this year, this introductory course focuses on building a strong foundation of theatre skills and theatrical language. Units of study will include an introduction to vocal techniques, physical expression, improvisation, character creation and development, puppetry, storyboarding and scriptwriting, monologues, duologues, screenplays and musical theatre. Students will use theatre as a means of exploring and expressing their personal identity. Through dramatic self-expression, students are encouraged to gain insight into the perspectives and experiences of people from a variety of times, places and cultures. Students will create artistic works collaboratively, using ideas inspired by imagination, inquiry and purposeful play. Through this collaborative work, students will build community, nurture relationships and utilize unique sensory language in order to create and communicate themes and artistic vision.

THEATRE COMPANY 10-12 (X BLOCK)

Fine Arts Prerequisite: Teacher Recommendation Only

This course will run as a linear course throughout the school year and is intended to give students the opportunity to take part in a large theatrical production that communicates ideas, challenges opinions, and inspires change. Students engage in every aspect of theatre, including staging, costumes, make-up, sets, and choreography, in order for students to learn about perseverance, risk taking, collaboration, and exploration and reflection. Classes will run 2-3 times per week after school, with additional time required around final productions. Students will choose to specialize as on-stage performers or back-stage technical theatre production staff. For the 2021-2022 school year, the Dragon Tales Theater Co. will be producing TWO Theater Productions – one in December, and one in May. Students who are interested in auditioning for leading roles in next year's production are strongly encouraged to enrol in Advanced Acting 10-12 and/or Musical Theater 9-12 offered within the timetable. Additionally, students will compete in various Theatre Festivals, and design additional in-school productions. This course runs after school, Mondays and Wednesdays for actors, and Tuesdays and Wednesdays for stage crew, and students must take it as an X-Block course.

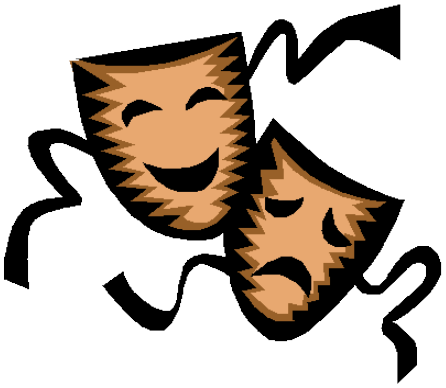
THEATRE PRODUCTION 10-12 - ADVANCED ACTING & THEATRE

Prerequisite: Introduction to Theatre 9/10 or Teacher Recommendation

New to the Theatre Program at Fleetwood Park this year, this advanced course focuses on building advanced acting and technical skills beyond the foundations explored in the Introductory Theatre courses. Students will explore advanced theories of acting, including the theories of Stanislavsky, Adler, Strasberg, Meisner, Hagen and Shakespeare. Units of study will include Actioning, Method Acting, Character Creation, Improvisation, Contemporary Comedy, Contemporary and Modern Theatre, Playwriting, Monologues and Vocal Masques. Students will also learn the technical aspects of a theatrical production, including lighting, sound, stage management and costume and prop design. Students will learn that growth, as an artist, requires perseverance resilience and reflection. Theatre Production cultivates creativity through aesthetic experiences, enhanced through movement, sound, imagery and language. Active participation in Theatre Production creates personal and cultural connections and reveals insights into the human experience.

MUSICAL THEATRE 10-12

Musical Theatre is a new course for students wishing to strengthen and explore their singing voices in solo and small group settings. Students will learn singing fundamentals of breathing, diction, vocal production, and performance etiquette, specific to the genre of musical theatre. Units of study will be: technical fundamentals, solo performances, small group performances, character studies, and the combination of movement and music. Students are expected to have a positive attitude towards themselves, their peers, and the class and to maintain an open, growth-focused mindset. Because of the nature of vocal improvement and technical fundamentals, it is highly suggested that students also take part in Choir 9-12. (X-block)



CHOIR 9/10 (X-BLOCK)

Choir 9-10 is open to all grade nine and ten students looking to strengthen and explore their singing voices in a group setting. Students will learn choral fundamentals such as sight singing, breathing, diction and performance etiquette. Students in this course will sing a wide variety of songs with and without accompaniment across different styles, languages, and time periods. Students are expected to show a positive attitude towards themselves and their peers regardless of training or experience.

CHOIR 11/12 (X-BLOCK)

Choir 11-12 is an advanced choral ensemble intended for students with 1-2 years of experience in a choral setting. **Those students lacking the required experience may be admitted by invitation or after an in-person audition for the director. All final placements into this course will be finalized by the director.** Students will extend their choral fundamentals such as sight singing, breathing, diction and performance etiquette. Students in this course will sing a wide variety of songs with and without accompaniment across different styles, languages, and time periods. Students are expected to show a positive attitude towards themselves and their peers regardless of training or experience.

BAND 10

Prerequisite: Band 9

Students will continue their musical and technical development from grade 9 band. Students will continue to learn and improve on technical and musical development and theory while playing concert band music at the grade 3-3.5 level. Evaluation will be based on in-class evaluations, practical evaluation, participation, technical and musical development and attendance at all schedule events (concerts, festivals).

Each student is asked to provide their own instrument, but in some cases, instruments can be supplied through the school. This is particularly the case with large instruments like bass clarinets, baritone saxophones, tubas and upright basses, etc. Those wishing to play percussion instruments are required to purchase their own sticks, mallets and mallet bag.

BAND 11/BAND 12

Prerequisite: Band 10/11 respectively

*S*tudents will continue their musical and technical development from grade 10/11 band respectively. Students will continue to learn and improve on technical and musical development and theory while playing concert band music at the grade 4 level. Evaluation will be based on in-class evaluations, practical evaluation, participation, technical and musical development and attendance at all schedule events (concerts, festivals). Each student is asked to provide their own instrument, but in some cases, instruments can be supplied through the school. This is particularly the case with large instruments like bass clarinets, baritone saxophones, tubas and upright basses, etc. Those wishing to play percussion instruments are required to purchase their own sticks, mallets and mallet bag.

JAZZ BAND: BEGINNER (X BLOCK)

Beginner Jazz band is an introduction to the Jazz idiom for players with 1 or more years experience on a Jazz appropriate instrument. (Saxophone, Trombone, Trumpet, Piano, Bass, Guitar, Drums). This ensemble meets before school from 7AM until 8:20 twice a week and Fridays depending on the given rotation. **Student placement into this course is finalized by the directors and posted in the band room within the first week of school or by audition if late addition**. Students registered in this course **must** also be registered in Concert Band equivalent to their grade.

JAZZ BAND: JUNIOR (X BLOCK)

Junior Jazz band is a continuation of Beginner Jazz Band for players with 1-2 years experience on a Jazz appropriate instrument. (Saxophone, Trombone, Trumpet, Piano, Bass, Guitar, Drums). This ensemble meets before school from 7AM until 8:20 twice a week and Fridays depending on the given rotation. **Student placement into this course is finalized by the directors and posted in the band room within the first week of school or by audition if late addition**. Students registered in this course **must** also be registered in Concert Band equivalent to their grade.

JAZZ BAND: INTERMEDIATE (X BLOCK)

Intermediate Jazz band is a continuation of Junior Jazz Band for players with 2-3 years experience on a Jazz appropriate instrument. (Saxophone, Trombone, Trumpet, Piano, Bass, Guitar, Drums). This ensemble meets before school from 7AM until 8:20 twice a week and Fridays depending on the given rotation. **Student placement into this course is finalized by the directors and posted in the band room within the first week of school or by audition if late addition.** Students registered in this course must also be registered in Concert Band equivalent to their grade.

JAZZ BAND: SENIOR (X BLOCK)

Senior Jazz band is an advanced jazz ensemble for players with 3-4 years experience on a Jazz appropriate instrument. (Saxophone, Trombone, Trumpet, Piano, Bass, Guitar, Drums). Students in this course are expected to show strong fluency in reading, improvisation and musical leadership. This ensemble meets before school from 7AM until 8:20 twice a week and Fridays depending on the given rotation. **Student placement into this course is finalized by the directors and posted in the band room within the first week of school or by audition if late addition.** Students registered in this course must also be registered in Concert Band equivalent to their grade.

DANCE 10 - TECHNIQUE & PERFORMANCE

Prerequisite: Dance 9 (Introduction to basics) highly recommended

This course extends the knowledge learned in Dance 9. Technique becomes more challenging with more emphasis on skills and terminology. Students will perfect elements of street styles, jazz, ballet, Broadway and cultural dances and perform them in a variety of settings. Students will also work in small groups to choreograph routines using these various dance forms. Finally, students will learn elements of stagecraft including costumes, props and event promotion. Teamwork is essential for success.

DANCE 10– BREAKDANCE TECHNIQUE & PERFORMANCE

Prerequisite: Dance 9 highly recommended

This course is an extension of Dance 9. Technique becomes more challenging with more emphasis on skills and terminology. Students will also perfect their street styles, Broadway, other dance genres and perform them in a variety of settings. Students will also work in small groups using these various dance forms. Finally, students will learn the elements of stagecraft including costumes, props and event promotion. Teamwork is essential for success in this course.

DANCE FOUNDATIONS 10-12 (non-performance based)

In this course, students will learn the foundations of various styles for the love of dance. Performances will be limited to in-class and not focused on broader, formal events. Students will study street styles, jazz, basic ballet, tap, Broadway and cultural dances. Students will also learn to choreograph routines they can perform for the class. Teamwork will still be essential in this course.

DANCE 11: TECHNIQUE & PERFORMANCE

Prerequisite: Dance 9/10 highly recommended.

Students should have taken previous dance classes at the school or have recent experience from the community. Many dance forms will be mastered with an emphasis on performance. Students will also be expected to create combinations to be shared with the class and performed at our various events. Students will also compete in local dance events. Finally, skills relating to stagecraft, managing sales and production will be perfected. Teamwork is essential in this course.

DANCE 11: BREAKDANCE TECHNIQUE & PERFORMANCE

Prerequisite: Dance 10 highly recommended.

Students should have taken previous dance classes at the school or have recent experience from the community. Many dance forms will be mastered and performed in various settings with a focus on breakdance. Students will be expected to create combinations that can be shared with the class. Students will usually compete in local dance events. Finally, skills relating to stagecraft, managing sales and production will be perfected. Teamwork is essential for success in this course.

DANCE 11: CHOREOGRAPHY

Prerequisite: Dance 9/10 highly recommended

Students should have taken previous dance classes at the school or have recent experience from the community. Many dance forms will be mastered with an emphasis on choreography. Students will be expected to create combinations that can be shared with the class, gaining experience as dancers and choreographers. Students will compete in local dance events. Finally, skills relating to stagecraft, managing sales and production will be perfected. Teamwork is essential for success.

DANCE 12: TECHNIQUE & PERFORMANCE

Prerequisite: Dance 11 highly recommended.

Students should have taken previous dance classes at the school or have recent experience from the community. Many dance forms will be mastered with a main focus on technique & performance. Performance will take place in various settings. Students will be expected to create combinations that can be shared with the class. Students will compete in local dance events. Finally, skills relating to stagecraft, managing sales and production will be perfected. Teamwork is essential for success.

DANCE 12: BREAKDANCE TECHNIQUE & PERFORMANCE

Prerequisite: Dance 11 (Breakdance & Broadway) highly recommended.

Students should have taken previous dance classes at the school or have recent experience from the community. Many dance forms will be mastered and performed in various settings with a focus on breakdance. Students will be expected to create combinations that can be shared with the class. Students will usually compete in local dance events. Finally, skills relating to stagecraft, managing sales and production will be perfected. Teamwork is essential for success in this course.

DANCE 12: CHOREOGRAPHY

Prerequisite: Dance 11 highly recommended

Students should have taken previous dance classes at the school or have recent experience from the community. Students will be expected to create combinations that can be shared with the class, gaining experience as dancers and choreographers. Many dance forms will be mastered and performed in various settings. Students will compete in local dance events. Finally, skills relating to stagecraft, managing sales and production will be perfected. Teamwork is essential for success.

DANCE COMPANY 10-12 (X BLOCK)

Prerequisite: Dance 9 to 11 highly recommended.

This course is by permission only and for experienced dancers who will be short listed by the dance teacher.

Students will be expected to master technical skills and dance movement in a variety of styles. The focus will be to choreograph various dance routines which can be performed to diverse audiences. Dancers will also partake in several performances and competitions in the community and beyond.

Meeting days will be Tuesdays & Thursdays from 3:00 – 4:40pm from September to June.

Modern Languages

FRENCH 10

Prerequisite: French 9

French 10 builds upon skills learned in both French 8 and French 9. For the duration of the course, students will be encouraged and able to communicate and converse in French spontaneously. Further study of French past and future tenses are added at this level. French 10 students will profit from their knowledge of the language. They will be better prepared for Canada's workforce, able to communicate while traveling abroad, and will be beginning to prepare for the DELF. *

FRENCH 11

Prerequisite: French 10

Students will interact with growing confidence in French and will be able to use French resources for research. Listening, speaking, reading and writing skills are further developed. There is also an increased emphasis on reading a variety of works. Successful completion of French 11 provides the minimum language requirement needed for most universities. Students will begin advance preparation for the DELF* exams

FRENCH 12

Prerequisite: French 11

This course is the culmination of the study of French language and culture at the secondary level.

More complex facets of language and literature are introduced. French culture is explored in greater detail.

Some universities offer advanced placement upon successful completion of French 12. Students may also participate in a DELF * exam at the A2 or B1 level.

* DELF Diplome d'Etudes de Langue Francaise. Exams are offered at 6 levels: A1, A2, B1, B2, C1 and C2. DELF diplomas are recognized worldwide in francophone countries. Surrey School District is the provincial Centre for the DELF.

INTRODUCTORY SPANISH 11

Prerequisite: None

This course is the equivalent of Spanish 9 and 10 combined. It is a demanding, fast-paced course covering two years of regular program work in one year and is intended for students who have no background in the language. The goal of this course is to develop communication skills (speaking, understanding, reading and writing) in Spanish. The course also aims to give the students some insight into the culture and history of Spanish-speaking countries. Successful completion of this course qualifies a student to enter Spanish 11.

SPANISH 10

Prerequisite: Spanish 9

Spanish 10 expands and builds upon the material already covered in Spanish 9. Students will further develop their abilities to communicate Spanish effectively in oral and written form on a number of topics.

Students will have the opportunity of a field trip during Spring Break of 2019. Field trip participants will travel to Spain where they will be immersed in the Spanish language and culture. The field trip will include classes, tours, activities, and free time.

SPANISH 11

Prerequisite: Spanish 10 or Beginner's Spanish 11

Spanish 11 will strengthen and build on the skills developed in Spanish 9 and 10 or Beginner's Spanish 11. Listening, speaking, reading and writing skills are further developed. Awareness of Hispanic culture and history will continue to be developed. Successful completion of Spanish 11 provides the minimum language entrance requirement needed for most university programs.

Students will have the opportunity of a field trip during Spring Break of 2019. Field trip participants will travel to Spain where they will be immersed in the Spanish language and culture. The field trip will include classes, tours, activities, and free time.

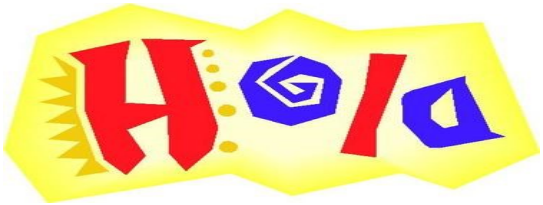
NOTE: Students should consider taking Spanish 11 and 12 in the same year to allow for optimum continuity in their language program. Students should consult with the Spanish teachers or counsellors.

SPANISH 12

Prerequisite: Spanish 11

This is an advanced Spanish language course intended to refine the skills developed in the previous 3 levels of Spanish. Hispanic culture and literature will be explored in greater depth.

Students will have the opportunity of a field trip during Spring Break of 2019. Field trip participants will travel to Spain where they will be immersed in the Spanish language and culture. The field trip will include classes, tours, activities, and free time.



Library

LIBRARY INFORMATION AND LITERACY STUDIES 11

This course provides students with an in depth study of library management, organization and services. Students will learn research and information technology skills that will be of life-long value. Students will also acquire the necessary skills to critically evaluate resources for their appropriateness. Acquisition of resources and processing skills will be taught along with the promotion of library materials and services.
Furthermore, as they assist the Teacher Librarian, this course provides students with an opportunity to practice work related customer service skills. Students will also be given an opportunity to explore library or information related careers.

INDEPENDENT DIRECTED STUDY-INQUIRY 12

Students taking this course must have successfully completed LIBRARY INFORMATION AND LITERACY STUDIES 11. Students will have the opportunity to use all the skills and knowledge acquired in LIBRARY INFORMATION AND LITERACY STUDIES 11 while working in the library on an independent inquiry project. This course will provide students with an opportunity to study a topic of their choice in depth and create personal meaning. Students will work on developing the skills and maturity to work independently in pursuit of becoming a life long learner. Initiative, creativity and drive are essential for success.

Leadership

RECREATION LEADERSHIP 10 (X BLOCK)

Leadership Department
Pre-requisite: None
This introductory course (in which grade 10 and 11 students are combined) in recreational leadership allows students the opportunity to explore leadership styles, event planning and peer teaching within the school and community. Students participate in leadership training and provide service to the school community, The course runs outside the timetable (block X) and students are required to meet twice weekly throughout the year and to meet on-line through the class website. To successfully complete the course, students must complete a minimum of 12 volunteer hours per term for a total of 48 hours for the year. On-line course work and weekly discussions are required. While Athletic events will occupy the bulk of volunteering opportunities, other school events may require assistance.
Students must have the flexibility to volunteer their time after regular school hours.
Grade 10 students will take this course as a 9th course.
Grade 11 students are allowed a study block in exchange for hours volunteered after school.

RECREATION LEADERSHIP 11 (X BLOCK)

Leadership Department
Pre-requisite: None
Please see Recreation Leadership 10: X Block

STUDENT LEADERSHIP 10 (X BLOCK)

Leadership Department
Prerequisite: None
This course is designed to give students the opportunity to develop personal responsibility and individual leadership skills through the acquisition and application of leadership theory and skills. This course recognizes that students must understand the concept of leadership and must be able to lead themselves before they can be effective leaders for others. Emphasis will be placed on the ongoing development of leadership as a process of learning and on cultivating the attitudes of reflective and creative thinkers, self -directed responsible lifelong learners, collaborative contributors, caring family members, and responsible citizens. Personal and interpersonal skill development will include recognition of leadership styles, communication, interacting in group work, event planning and implementation, time management and organization, public speaking, and personal and social responsibility.

STUDENT LEADERSHIP 11 (X BLOCK)

Leadership Department
Pre-requisite: None
This course is designed to give students the opportunity to further develop personal responsibility and leadership skills through the acquisition and application of leadership theory and practice. This course underscores further self-development and service to the school community. Emphasis will be placed on developing a personal philosophy of service. Leadership personal and interpersonal skill development will include recognition of leadership styles, communication, interacting in group work, event planning and implementation, time management and organization, public speaking, and personal and social responsibility. There will be a variety of opportunities provided to leadership students to practice and enhance these skills. Student Leadership 11 will further develop and expand upon concepts and skills from Student Leadership 10.

STUDENT LEADERSHIP 12 (X BLOCK)

Leadership Department
Pre-requisite: None
This course is designed to give students the opportunity to further develop personal responsibility and leadership skills through the acquisition and application of leadership theory and practice. This course underscores further self-development and service to the school community. Emphasis will be placed on developing a personal philosophy of service. Leadership personal and interpersonal skill development will include recognition of leadership styles, communication, interacting in group work, event planning and implementation, time management and organization, public speaking, and personal and social responsibility. There will be a variety of opportunities provided to leadership students to practice and enhance these skills. Student Leadership 12 will further develop and expand upon concepts and skills from Student Leadership 10 and 11.

Peer Tutoring

PEER TUTORING 10
PEER TUTORING 11
PEER TUTORING 12

Prerequisite: Permission from the Learner Support Team

Peer tutoring is a course for students wishing to help other students. Peer tutors achieving exceptional success will have an excellent reference for teaching programs in post secondary schools. Students who wish to become peer tutors should display the following qualities:

* *Responsibility*	* *Flexibility*
* *Friendliness*	* *Patience*
* *Positive attitude*	* *Maturity*

Criteria for acceptance into the Peer Tutoring Program:

1. A good academic background in at least one subject area.
2. Possess strong interpersonal skills. They should feel comfortable talking to students and teachers.
3. Good work habits and good record of attendance. They should be role models for the students in the classrooms they support.
4. An enjoyment and desire to help others learn.

Students interested in becoming Peer Tutors must:

- ✔ *complete a Peer Tutoring Application Form*
- ✔ *meet with L.S.T. Dept. for an interview*
- ✔ *get a recommendation from a teacher*

** Students may have the opportunity to tutor in non-academic courses with teacher recommendation.

Special Programs at Fleetwood Park

Learner Support Team (LST)

Fleetwood Park Learner Support Team (LST) seeks to support students in the regular classroom by using a variety of interventions. Assistance is provided through collaboration with classroom teachers, small group pull outs and in-class assistance. Students may be offered an LST Support Block where they may receive assistance with their class work. Students, teachers, parents, and the School Based Team may refer students for LST help.

English 10 Prep

English 10 Prep is a prerequisite course for ELL students bridging into regular English 10 courses. It is designed to help students develop their skills in written and oral communication in a variety of contexts. The course provides opportunities for students to develop and refine their writing abilities. For oral communication, students will develop an awareness and appreciation of audience, purpose, and context through performance and public speaking.

English Language Learners (ELL)

The ELL Welcome Centre provides assessment tests to most incoming ELL students. After establishing the students' level of language, they are assigned classes appropriate to their level. **ELL 1 (Starting and Emerging)** and **ELL 2 (Emerging and Developing)** students may receive up to four ELL classes while **ELL 3 (Developing and Expanding)** students may receive up to three ELL classes.

ELL 1 (Starting and Emerging) – Students will work on building a foundation for language and literacy skills--reading, writing and oral communication. Emphasis will be on sentence structure and increasing vocabulary.

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

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

B.A.S.E.S. & LSB (Learning Support BASES) Program

The BASES Program (Grades 8-12) provides services for students who are placed by district referral. All students have met the Ministry of Education guidelines for placement.

Students in the BASES program attend the BASES room where they complete work from their integrated classes and/or receive individual and small group instruction in functional academic, social and employment skills.

DISTRICT PARTNERSHIP PROGRAMS

The Surrey School District offers a number of District Partnership Programs. These programs generally require that students spend one semester of their grade 11 and 12 year at their home based school, and one semester of each senior year at an off school site. Surrey's Partnership Programs provide students the opportunities to receive industry certification, or post secondary course credits, in addition to meeting the requirements for high school graduation. "Partners" in these programs include Kwantlen Polytechnic University, BCIT, and Vancouver Community College and the Surrey College.

****Application forms must be submitted to the Career Education office by April 6, 2021****

The following programs are available:

Carpentry, Electrical and Industrial Electronics Program, Hairdressing, Milllright/Machinist, Steel Fabrication, Auto Service Technician, Baking and Pastry Arts, Carpentry, Culinary Arts, Horticulture, Parts and Warehousing, Drafting/CADD, Explorations in Aviation, Plumbing, Welding, and Painting.

SECONDARY SCHOOL WORK IN TRADES

The Work in Trades Program offers students the opportunity to begin an apprenticeship while completing secondary school. Secondary school Apprenticeship depends on employers to provide youth with on-the-job training in their chosen field. Students who have a part-time job in a trade area are candidates for Work in Trades .It is the student's responsibility to secure appropriate employment. Students registered in the Work in Trades Program attend regular classes toward graduation, and also participate in paid workplace training as registered apprentices. Through this program students become registered as an apprentice, acquire paid work, learn the skills associated with the trade, receive dual credit towards secondary courses and towards their first year apprenticeship.

The District Partnership Programs are an excellent way to begin the Secondary School Apprenticeship Program.

1. Select what grade you are in
2. Pick your course(s)!

Course Guide
ART EDUCATION

Grade 8	Art 8						
Grade 9	Art 9			Media Arts 9 (video)			
Grade 10	Art 10	Drawing & Painting 10	Sculpture 10	Media Arts 10/11/12 Level 1	Photography 10/11/12 Level 1		
Grade11	Art 11	Drawing & Painting 11	Sculpture 11	Media Arts 11/12 Level 2	OR Photography 11/12 Level 2	Yearbook 11/12 Level 1	Art Careers 11
Grade 12	Art 12	Drawing & Painting 12	Sculpture 12	Media Arts 12 Level 3	OR Photography 12 Level 3	OR Yearbook 12 Level 2	OR Art Careers 12