

FRANCES KELSEY SECONDARY SCHOOL COURSE SELECTION



Artist: Anne Sausgruber

2019-2020

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FRANCES KELSEY SECONDARY SCHOOL

MISSION STATEMENT

Frances Kelsey Secondary School, in partnership with students, parents, and the community, is dedicated to developing the individual potential of each student. By providing a co-operative, individually paced, safe and caring environment, we encourage students to be self-motivated, self-directed, responsible citizens, and life-long learners.

GRADE 8 PROGRAM

The Grade 8 program is based around an exemplary teaming model. In this model, students stay in the same division throughout the year, moving together for their academic classes and work with the same teachers. For example, students would have one teacher for English and Social Studies and another teacher for Math and Science. In doing so, students are provided an opportunity to develop relationships with other grade 8 students as they transition into their new school. Teaming also allows teachers to develop connections with the students, opportunities for interdisciplinary units and project work, and provides the building blocks for the advisor system.

Within their program, Grade 8 students rotate through a variety of exploratory classes to provide experiences as they develop their interests for future electives.

GRADE 9 COURSE PLANNING SHEET

Required Courses	Elective Courses
<p>All Students will take:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Health & Career Education <input type="checkbox"/> English 9 <input type="checkbox"/> Social Studies 9 <input type="checkbox"/> Science 9 <input type="checkbox"/> Physical Education 9 <p style="text-align: center; margin: 10px 0;">AND</p> <p>Choose <u>one</u> of the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematics 9 <p style="text-align: center; margin: 10px 0;">or</p> <ul style="list-style-type: none"> <input type="checkbox"/> Workplace Mathematics 9 	<p>Choose 4 of the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Art 9 <input type="checkbox"/> Band 9 <input type="checkbox"/> Choral Music 9 <input type="checkbox"/> Dance 9 <input type="checkbox"/> Drafting 9 <input type="checkbox"/> Drama 9 <input type="checkbox"/> Foods and Nutrition 9 <input type="checkbox"/> French 9 <input type="checkbox"/> Spanish 9 <input type="checkbox"/> Jazz Band 9 <input type="checkbox"/> Keyboarding 9 <input type="checkbox"/> Music 9: Guitar <input type="checkbox"/> Peer Counselling 9 <input type="checkbox"/> Technology 9 <input type="checkbox"/> Textiles 9 <input type="checkbox"/> Woodwork 9 <p style="margin-top: 20px;">Alternate (Additional) Choice _____</p>

For immediate answers to any concerns please contact:

MAIN OFFICE:

Phone: 250-743-6916

Fax: 250-743-6915

COUNSELLING:

Phone: 250-743-6916 (230)

Fax: 250-743-6980

GRADUATION REQUIREMENTS - GRADE 10-12

The B.C. Certificate of Graduation or "Dogwood Diploma" is awarded to students who successfully complete the provincial graduation requirements.

Students require a minimum of 80 credits to graduate.

Of these 80 credits:

- At least 16 credits must be at the Grade 12 level, including a required Language Arts 12
- At least 28 credits must be elective course credits
- 52 credits are required from the following:
 - Career-Life Education (4 credits), and Career-Life Connections (4 credits)
 - Physical and Health Education 10 (4 credits)
 - Science 10 (4 credits), and a Science 11 or 12 (4 credits)
 - Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits)
 - A Math 10 (4 credits), and a Math 11 or 12 (4 credits)
 - A Language Arts 10, 11 and a required 12 (12 credits total)
 - An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits total)

In addition, students must also complete three new graduation assessments.

Elective Credits:

Students must earn at least 28 elective credits. These credits can be for:

- Additional Grade 10, 11 or 12 Ministry-authorized courses
- External Credentials*
- Board/Authority Authorized courses
- Post-secondary credits, and/or
- Independent Directed Studies

28 credits

*Note: Some External Credentials serve as Required Courses

OVERALL TOTAL

80 credits

Of the 80 credits needed for graduation, at least 16 credits must be at the Grade 12 level, including a Grade 12 Language Arts course and 12 other credits.

Students graduating in June 2019 will need to write the Provincial Numeracy Assessment.

Students graduating after June 2019 will need to write the Provincial Numeracy and Literacy Assessments.

These are the only requirements for a B.C. graduation diploma. Students should also make themselves aware of the specific entrance requirements for individual college and university programs. Consult the appropriate calendars or web sites for details. Careful planning in Grades 10, 11, and 12 will ensure that you have all the courses and credits you need.

GRADUATION PROGRAM WORKSHEET (2019)

REQUIRED COURSES:

GRADE 10	GRADE 11	GRADE 12
<input type="checkbox"/> Language Arts 10 (4 cr.) _____ <input type="checkbox"/> Social Studies 10 (4 cr.) _____ <input type="checkbox"/> Science 10 (4 cr.) <input type="checkbox"/> One Mathematics 10 (4 cr.) _____ <input type="checkbox"/> Physical Education 10 (4 cr.) <input type="checkbox"/> Planning 10 or Career Life Education (4 cr.)	<input type="checkbox"/> Language Arts 11 (4 cr.) _____ <input type="checkbox"/> Any Social Studies 11 or 12 (4 cr.) _____ <input type="checkbox"/> Any Science 11 or 12 (4 cr.) _____ <input type="checkbox"/> Any Mathematics 11 or 12 (4 cr.) _____	<input type="checkbox"/> Language Arts 12 (4 cr.) _____ Graduation Transitions or Career Life Connections + Capstone (4 cr.)
<input type="checkbox"/> Arts Education and/or Applied Design, Skills, and Technologies 10, 11 or 12 _____ (4 cr.)		

52 credits

7 Elective Courses from Grade 10, 11, or 12 – (Minimum of 3 electives must be Grade 12 courses)

	12	
	12	
	12	
		28 credits

Minimum total = 80 credits

ADVISEMENT

The staff of Frances Kelsey Secondary School is committed to a Teacher Advisor System as one of the foundations of the philosophy of this school.

Each student is a member of a group consisting of approximately 20-24 students from all grade levels. The Teacher Advisor's role is one of mentor and advocate for the student. In addition, the Teacher Advisor is responsible for monitoring the student's progress in all subject areas, for assisting the students in their daily organization, and helping them set realistic goals leading to the completion of course work.

Parental involvement is an important aspect of student achievement. Parents are encouraged to maintain frequent contact with their student's Advisor in a partnership. The progress and well being of each individual student is the main focus.

CAREER PLANNING

HEALTH & CAREER EDUCATION 9

Health & Career Education is a required course for students in Grade 9 and includes the following aspects: Personal Planning, Personal Development, and Career Development.

CAREER LIFE EDUCATION 10

Career Life Education 10 is a required 4-credit course for graduation. This course is designed to help students develop the confidence and skills they need to become self-directed individuals, who display initiative, set priorities, establish goals, make thoughtful decisions, and take responsibility for pursuing their personal and career goals in an ever-changing society.



HUMANITIES

LANGUAGE ARTS

- English 9
- English 10
- English 10 Spoken Language (2 credits)
- English 10 Composition (2 credits)
- English 11
- English 12
- English 12 and Writing 12 (8 credits)
- English 12 First Peoples
- Communications 11
- Communications 12

MODERN LANGUAGES

- French 9
- French 10
- French 11
- French 12
- Spanish 9
- Introductory Spanish 11
- Spanish 11
- Spanish 12

NOTE: Modern Language courses will only be offered if there is sufficient enrollment.

SOCIAL STUDIES

- Social Studies 9
- Social Studies 10
- Explorations in Social Studies 11
- BC First Nations Studies 12
- Social Justice 12
- Geography 12
- History 12
- Law 12
- Psychology 11
- Psychology 12
- Self and Society Psych 12
- Peer Tutoring 12



LANGUAGE ARTS

ENGLISH 9

The focus of English is on the improvement of reading, writing, listening, speaking, and other communication skills, as well as the maturing of both personal and critical responses to literature. Students will read and analyze novels, short stories, non-fiction, poetry, and drama. A research unit is included in the course. The focus of the unit is learning how to research a topic and learning how to avoid plagiarism. Activities include researching a topic, taking notes and expanding them into an essay, and writing a bibliography. Evaluation will be made on quizzes, written and oral assignments, group assignments, and unit tests. Individual independent reading is required as well as response journal entries.

ENGLISH 10

English 10 is an exploration of the various forms of the English language, both written and oral. This course exposes students to short fiction, non-fiction, plays, novels, essays, and poetry. Students are expected to read, write, and think critically, as well as present their learning in diverse ways.

ENGLISH 10 SPOKEN LANGUAGE

2 credits

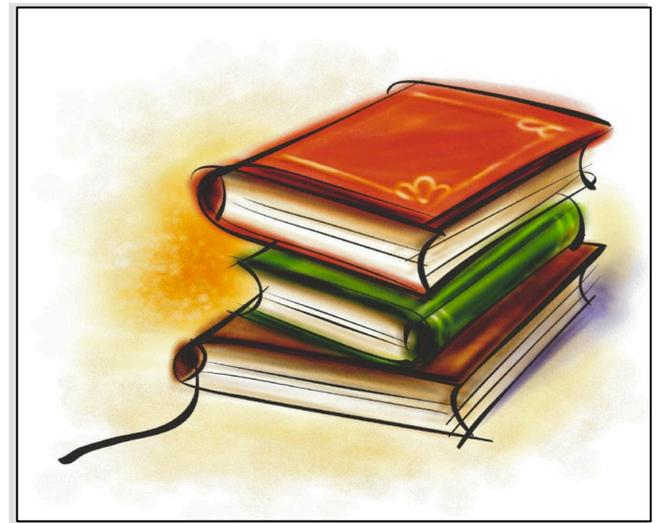
Spoken language skills are increasingly necessary in everyday, educational, and professional contexts. Spoken Language 10 provides opportunities for students individually and collaboratively to study, create, and use language to produce original pieces in a variety of modes. The course will provide students with opportunities for performance and public speaking. Spoken Language 10 will appeal to students who enjoy public performance or oral storytelling or who want to gain more experience and skill in this area. This course may be of particular interest to students with strong verbal communication skills, ELL students who want to develop their oral language skills, students going into professions in which presentation skills are an asset or students who may wish to help maintain oral traditions.

ENGLISH 10 COMPOSITION

2 credits

Composition 10 is designed for students who have an interest in developing their skills in written communication in a variety of contexts. The course provides students with opportunities to think critically as they explore, extend, and refine their writing. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. They will develop their craft through processes of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations. The course provides opportunities for diverse learners to be supported in developing and refining their writing abilities.

Students must take both English 10 Spoken Language and English 10 Composition to get their required English 10 credits.



ENGLISH 11

English 11 is an exploration of the various forms of the English language, both written and oral. This course exposes students to short fiction, non-fiction, plays, novels, essays, and poetry. Students are expected to read, write, and think critically, as well as present their learning in diverse ways.

ENGLISH 12

English 12 is a continuation of the skills mastered in English 11. Poetry, novels, non-fiction essays, as well as narrative and persuasive writing will be included. Emphasis will also be placed on the study of style. Students will be prepared for the government exam within the curriculum of the course. Students are encouraged to continue to improve their writing skills particularly with essays. Forty percent of the final mark is based on the provincial examination.

ENGLISH 12 and WRITING 12 8 credits

This English 12 course will meet all the learning outcomes for English 12. Students will explore creative writing in three main areas: short stories, one act plays, and poetry. They should have an interest in imaginative composition based on the structures used by professional writers. In order to understand those structures, students will be required to analyze a number of stories, poetry selections, and plays.

ENGLISH 12 FIRST PEOPLES

This course provides opportunities for all students to engage with indigenous creative expression enter the worlds of First Peoples provincially, nationally, and internationally. The course focusses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text—including oral story, speech, poetry, dramatic work, dance, song, film, and prose (fiction and non-fiction). English 12 First Peoples is the academic equivalent of English 12. The course is designed to enable students to develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.



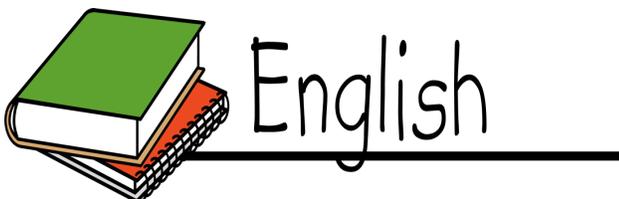
COMMUNICATIONS 11

Communications 11 is intended to help students become fully skilled language users, capable of comprehending and responding to the multiple forms and functions of language that surround them. This is a goal Communications 11 shares with the other English courses at this grade level.

COMMUNICATIONS 12

Communications 12 is intended to help students become fully skilled language users, capable of comprehending and responding to the multiple forms and functions of language that surround them. This is a goal Communications 12 shares with the other English courses at this grade level. The course meets graduation requirements.

Communications 11 and 12 courses are designed for students who do not plan to pursue academic studies beyond Grade 12; however, a student may take English 12 after completing Communications 11 and 12.



SOCIAL STUDIES

SOCIAL STUDIES 9

Students will continue their study of the colonization of North America and the birth of Canada, from the conflict between Britain and France in the 1750's to the end of the World War I in 1919. Responsible government, confederation, and the development of the west are major topics within the course. This course has been revised to fit the new curriculum, which emphasizes critical thinking skills and the completion of an inquiry-learning project.

SOCIAL STUDIES 10

This course is a tool-kit for Canadian citizenship. Students in this course will explore Canada's modern economy, society, geography and political life. Historical study ranges from 1914 to 2008, including Canada's participation in World War I and World War II. The second half of the course is divided between Canadian Government and physical and human geography; students are introduced to the challenges facing future generations. This course has been revised to fit the new curriculum, which emphasizes critical thinking skills and the completion of an inquiry-learning project.

EXPLORATIONS IN SOCIAL STUDIES 11

This is a new course for grade 11 students that meets the senior Social Studies requirements for graduation. This course is broken into four units, each of which introduces the four grade 12 Social Studies courses offered at Frances Kelsey.

SOCIAL JUSTICE 12

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. Social Justice 12 is considered an academic grade 12 course for entrance to many post-secondary schools.

BC FIRST NATIONS STUDIES 12

This course focusses on the diversity, depth, and integrity of the cultures of British Columbia's Aboriginal peoples. In emphasizing the languages, cultures, and history of First Nations peoples, the course addresses an important part of the history of British Columbia.

GEOGRAPHY 12

Students will study both physical geography and human geography in this interesting course. Topics include Tectonic Processes, Weather and Climate, Biomes and Environmental Sustainability. Skills include the interpretation of topographic maps and aerial and satellite images. If you enjoy learning about the planet we live on, this is the course for you!

HISTORY 12

Often dubbed the most interesting of the grade 12 academic courses, this fascinating study of twentieth century world history focuses on the social, political, and economic changes of the past 100 years. Students will research such interesting topics as the Russian Revolution, World War II and the Cold War. Heroes and Villains of the twentieth century, like JFK, Gandhi, Hitler, and Stalin will also be examined.

LAW 12

"Every Canadian citizen should know the rights and responsibilities under the Law." This exciting course gives students a valuable introduction to Canadian law. Core topics include Origins of our Laws, Civil and Human Rights, Criminal Law, Tort Law, Contract Law, Employment Law, Tenant Rights, and Motor Vehicle Law.

MODERN LANGUAGES

A second language is not required for graduation; however, some Post Secondary Institutions require a second language to the grade 11 level for entrance. This does not usually include an introductory or beginners language. Please consult entrance requirements for individual institutions.

The two main goals of our language programs are:

1. To foster in students a better understanding of different cultures and an openness toward cultural diversity.
2. To enable students to use the language of study to communicate effectively in authentic situations.

Because of the emphasis on authentic communication, students are encouraged to use the target language as much as possible. As listening, speaking, reading, and writing are all considered essential skills in the communicative approach; activities are actively designed to develop student ability in these four areas. To be successful, students must actively participate in all course activities.

FRENCH 9

This course is designed for students who have had a basic introduction to French. The topics covered in this course include: providing personal information, shopping, undersea life, the circus, Quebec City, and travel. Sixty percent of the final mark is based on a series of seminars emphasizing oral production, reading, listening, and participation. Forty percent of the final mark is based on written tests.

FRENCH 10

This course is a continuation of French 9. Topics include:

- Famous francophone people
- French life & culture
- Mardi Gras
- Lifestyles of adolescents
- La Francophonie

Sixty percent of the course is based on a series of seminars emphasizing oral production, reading, listening, and participation. Forty percent of the course is based on written tests.

FRENCH 11

French 11 is designed to follow the French 10 program. This course is organized to meet the needs both of students who wish to fulfill a post-secondary language requirement, and those students who intend to continue on to French 12. In this course, students further develop their linguistic skills in the four skill areas. Some topics covered include health and fitness, friendship, and school life. Sixty percent of the course is delivered through a series of seminars emphasizing oral production, participation, group and pair work. Forty percent of the course is delivered through learning guides. Evaluation is based on quizzes, written paragraphs, oral production, reading comprehension, listening, and participation.

FRENCH 12

This course is designed for students who are seriously interested in furthering their knowledge of both the French language and the cultures of French speaking peoples. Topics covered include the Francophone world, art and music, youth and the law, and communication.



SPANISH 9

For students interested in exploring the magic of Spain and Latin America, this course offers the basics for communicating with Spanish speakers and understanding the diversity of cultures within the Hispanic world. The four skills of listening, speaking, reading and writing will be practiced through games, songs, written activities, videos, stories, skits and interactive group activities.

INTRODUCTORY SPANISH 11

Like Spanish 9, this introductory course also offers the basics for communicating with Spanish speakers and understanding the diversity of cultures within the Hispanic world. The four skills of listening, speaking, reading and writing will be practiced through games, songs, written activities, videos, stories, skits and interactive group activities. Students registering for this course may have previously completed Spanish 9, or may be new to learning Spanish. This course will prepare students for success in Spanish 11.



SPANISH 11

Some university programs require a Language 11 - Spanish 11 will satisfy that requirement. This course continues where Introductory Spanish 11 left off. Students will continue to practice and build fluency in intermediate Spanish communication skills. The four skills of listening, speaking, reading and writing will be practiced through games, songs, written activities, videos, stories, skits and interactive group activities. This course will prepare students for success in Spanish 12. Topics include:

- Fashion
- Daily routine
- Ordering at a restaurant
- Future plans and more

SPANISH 12

This course continues where Spanish 11 left off, and offers more advanced practice in Spanish communication skills. The four skills of listening, speaking, reading and writing will be practiced through games, songs, written activities, videos, stories, skits and interactive group activities. Topics include:

- Fashion
- Music
- School day & chores
- Hobbies from your childhood

SCIENCE, MATHEMATICS, AND COMPUTER SCIENCE

SCIENCE

- Science 9
- Science 10
- Science for Citizens 11
- Environmental Science 12
- Biology 11
- Biology 12
- Chemistry 11
- Chemistry 12
- Physics 11
- Physics 12

MATHEMATICS

- Mathematics 9
- Workplace Mathematics 9
- Foundations of Math and Pre-Calculus 10
- Workplace Mathematics 10
- Pre-Calculus 11
- Foundations of Math 11
- Workplace Mathematics 11
- Foundations of Mathematics 12
- Pre-Calculus Mathematics 12
- Calculus 12

COMPUTER SCIENCE

- Computer Programming 9
- Computer Studies 10
- Computer Programming 11
- Computer Programming 12

SCIENCE

SCIENCE 9

This is a required course comprised of four major fields of Science. The four areas covered are Physics, Chemistry, Biology and Earth & Space Science. Approximately fifty percent from lab reports, group work, and projects and fifty percent from tests and quizzes.

Activities: Discussions, demonstrations, lab work, inquiry projects and group work.

SCIENCE 10

This required course continues to survey major areas of science: The four major areas covered are: Physics, Chemistry, Biology and Earth & Space Science. Approximately fifty percent from lab reports, group work, and projects and fifty percent from tests and quizzes.

Activities: Discussions, demonstrations, lab work, inquiry projects and group work.

SCIENCE FOR CITIZENS 11

Science for Citizens 11 examines how science informs our decisions and impacts our daily lives. It also explores the everyday uses of science and their safety implications in the workplace. This course also looks at how natural changes and human choices affect global systems. Course work will include discussions, online research and hands-on activities.

BIOLOGY 11

This course is divided into the areas of taxonomy, the process of evolution and the characteristics of living things. This course enables students to gain an understanding of the diversity of life and the interrelatedness of all living organisms. This course involves lab work, and students are required to complete dissections. At least a C+ in Science 10 is suggested to register for this course. Evaluation is based on Lab reports, group work, projects, tests, and quizzes.

CHEMISTRY 11

This course is for students who wish to understand chemistry in order to make responsible decisions during life based on scientific principles; to fulfill the Science 11 requirement for graduation; to prepare for Chemistry 12 and/or to satisfy prerequisites for post-secondary training in Science and/or Technology. Chemistry 11 is a challenging course which includes a major laboratory component. Topics covered include lab safety, introduction to chemistry, properties of substances, inorganic naming, chemical reactions, atomic structure, the periodic table, introduction to bonding solution chemistry, and organic chemistry. This course contains numerous concepts that require a solid Mathematics background. It is strongly recommended that students have a scientific calculator. At least a C+ in Science 10 and Foundations Mathematics 11 is suggested to register for this course. Good math skills will help you succeed: rearranging formulas, and doing substitutions. **The theory part of the course can be frustrating if your math skills are weak.**

Evaluation will be based upon laboratory reports, question sets, problem sets, individual and group projects, tests, and quizzes.

PHYSICS 11

Topics include:

- Things moving –kinematics in 1 dimension.
- Forces acting –dynamics in 1 dimension.
- Amount of motion –momentum in 1 dimension
- Energy, work and power
- Energy on the move -waves
- Images forming in lenses and mirrors –optics.
- Near light speed travel -special relativity.
- Turning matter into energy -nuclear physics.

There are many “hands on” labs/inquiries that will make up about half of your mark.

Good math skills will help you succeed: rearranging formulas, doing substitutions, and dealing with graphs are the most important. **The theory part of the course can be frustrating if your math skills are weak.**

Environmental Science 11 at FKSS

British Columbia is home to a wide range of ecosystems. Human society has depended on those ecosystems for survival and, in the process, has impacted them. Environmental Science 11 will delve into the richness and variety of several BC ecosystems looking at what they contain and how they function. It will also look at how human activities have impacted those natural systems, and how we can interact with those systems in ways that can sustain, conserve or even restore them. Basic scientific principles from several disciplines will be introduced in this course and then applied in the course work. Course work will include discussions, research, inquiry projects and hands-on activities in the class, lab and field.

ENVIRONMENTAL SCIENCE 12

Global and local environments contain diverse ecosystems with many roles and relationships. Environmental Science 12 will examine the back and forth relationships between human activities and environmental change. This includes how human actions affect the quality of water and its ability to sustain life and how human activities have caused changes in the global climate system. The course also examines how sustainable land use practices and food production will meet the needs of a growing population and explores how living sustainably can help support the well-being of self, community, and Earth. It also delves into how humans can play a role in the conservation and restoration of ecosystems that have been damaged by past practices. As this course builds on concepts introduced in Biology 11 and Chemistry 11, it is recommended that it be taken by students who have successfully completed at least one of those two courses. Course work will include discussions, research, hands-on activities and inquiry projects.

BIOLOGY 12

Biology 12 involves in depth study of organ systems, tissues, cell structure, and biochemical processes. Animal physiology, with an emphasis on human anatomy, is the main portion of the course. Biology 11 with a C+ or better is suggested to register for this course. This course is for students to build on their knowledge from Biology 11 and to satisfy entrance requirements for many post-secondary institutions. Evaluation will be based on lab reports, assignments, and tests.

CHEMISTRY 12

This course is for students who wish to build on their understanding of chemistry from Grade 11 and for those who enjoy chemistry. It may also be necessary to satisfy prerequisites for post-secondary training. Chemistry 12 is a challenging, lab-oriented course. Topics covered include: rates of chemical reactions, equilibrium systems, acid-base chemistry, solubility of ionic compounds, oxidation-reduction reactions, and electro-chemistry. It is strongly recommended that students have achieved at least a C+ in Chemistry 11 and Foundations of Mathematics 11 before registering for this course. **The theory part of the course can be frustrating if your math skills are weak.** Activities will include discussions, demonstrations and lab work.

PHYSICS 12

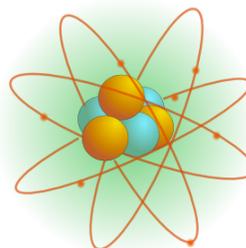
Topics include:

- Things moving –kinematics in 2 dimensions.
- Forces acting –dynamics in 2 dimensions.
- Amount of motion –momentum in 2 dimensions.
- Energy, work, and power
- Twisting forces –torques
- Circular motion
- Gravitation
- Electric fields and forces –in 2 dimensions.
- Magnetic fields and forces –in 2 dimensions.

There are numerous “hands on” labs/inquiries that make a significant contribution to your mark, as well as formal tests.

Good math skills will help you succeed: rearranging formulas, trigonometry, quadratic equations, doing substitutions, and dealing with graphs are the most important. **The theory part of this course will be more demanding of your math skills than Physics 11.**

If you did not get a “B” grade, or better, in Physics 11, this course will be very difficult for you.



MATHEMATICS

MATHEMATICS 9

Recommended: Math 8 (C+ or better)

Description: This Mathematics 9 course explores algebraic concepts to a greater depth. Topics covered will include:

- Puzzles & Games through logic
- Patterns
- Variables and Equations
- Measurement
- 3-D Objects and 2-D Shapes
- Transformations
- Data Analysis
- Probability
- Variables and Equations
- Finance and Budgeting

Successful completion of Math 9 leads to Foundations and Pre-calculus Math 10 or Workplace Math 10. A scientific calculator is required.

Evaluation: will be made through assignments, some projects and learning guide tests.

WORKPLACE MATHEMATICS 9

Recommended: Math 8

Description: Essentials of Mathematics 9 is designed for students who experienced some difficulty in Math 8 or were in a modified program and need more time to review basic operations before moving on. Topics covered will include:

- Proportions, Rates, Ratios
- Number Operations
- Measurement
- Algebra
- Geometry
- Data Analysis
- Finance
- Probability
- Logic

This course leads to Workplace Mathematics 10.

Evaluation: will be made through assignments and learning guide tests.

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10

Recommended: Math 9 (B or better)

Description: The Pre-calculus pathway leads into post-secondary programs that require the study of theoretical calculus. The Foundations pathway leads to post-secondary studies, which do not require calculus. Topics covered will include:

- Finance
- Trigonometry
- Relations and Functions
- Algebra
- Arithmetic sequences
- Logic
- System of Linear Equation
- Number and number operations

A scientific calculator is required. At the end of this course students will make a choice between the Pre-calculus and Foundations pathways for their graduation level math credit.

Evaluation: will be made through assignments, optional projects and learning guide tests.

WORKPLACE MATHEMATICS 10

Recommended: Math 9,
Workplace Mathematics 9

Description: The Workplace Mathematics pathway leads to entry into the majority of trades and direct entry into the workforce. Topics covered will include:

- Financial Literacy
- Trigonometry
- Conversions and Measuring
- Surface Area and Volume
- Central Tendency
- Interpreting Graph
- Probability

This course leads to Workplace Mathematics 11, which will satisfy graduation requirements.

Evaluation: will be made through assignments and learning guide tests.

PRE-CALCULUS 11

Recommended: Foundations of Math & Pre-Calculus 10 (B or higher)

Description: This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics covered include:

- Real Numbers
- Powers
- Radicals
- Factoring
- Rationals
- Quadratic
- Trigonometry
- Finance

A graphing calculator is required and will be supplied. This course is recommended for those students wishing to take Pre-Calculus 12 with the intention of following a professional, scientific, technological or business career.

Evaluation: will be made through assignments, some projects and learning guide tests.

FOUNDATIONS OF MATH 11

Recommended: Foundations of Math & Pre-Calculus 10 or Workplace Mathematics 10 (C+ or higher)

Description: This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics covered include:

- Financial Mathematics
- Geometry
- Measurement
- Number
- Logical Reasoning
- Relations and Functions
- Statistics and Probability

Evaluation: will be made through assignments, some projects and learning guide tests.

WORKPLACE MATHEMATICS 11

Recommended: Foundations & Pre-Calculus 10 or Workplace Mathematics 10

Description: This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include:

- Finance and owning a vehicle
- Puzzles, games and patterns
- 3D drawing, surface area, and volume
- Use of formulae
- Slope and rate of change
- Unit Analysis, conversions and scale
- Relations and graphs
- Measures of Control Tendency

Evaluation: will be made through assignments, seminar notes, some projects and learning guide tests.

FOUNDATIONS OF MATHEMATICS 12

Recommended: Foundations of Math 11 or Pre-Calculus Math 11)

Description: This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics covered are:

- Investing and borrowing money
- Set theory and logic
- Counting methods
- Probability and odds
- Polynomial functions
- Exponential and logarithmic functions
- Sinusoidal functions

Evaluation: will be made through assignments, some projects and learning guide tests.

PRE-CALCULUS MATHEMATICS 12

Recommended: Pre-Calculus Math 11 (B or better)

Description: This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics covered include:

- Trigonometry
- Translation and Transformation of Functions
- Exponential and Logarithmic Functions
- Polynomials
- Rational Functions
- Function Operations
- Geometric Sequence and Series

A graphing scientific calculator is required and will be supplied by the student. This course is recommended for those wishing to follow a professional, scientific, technological or business career.

Evaluation: will be made through assignments, some projects and learning guide tests.

CALCULUS 12

Recommended: Principles of Math 12 (which may be taken concurrently) or Principles of Math 11 and permission of the Math Department

Description: Calculus 12 covers an introduction to calculus and students may enter the annual Euclid Contest. Calculus 12 is strongly recommended for students planning to enroll in university or college calculus courses leading to a degree in Math, Engineering, Science, Economics, etc. in the future. There is no Provincial Exam for this course. Topics covered include:

- Derivative and application
- Implicit
- Relative rate
- Integration and application

Evaluation: will be made through assignments, some projects and learning guide tests.

GEOMETRY 12

Recommended: Foundations and Pre-Calculus 10 or Workplace 10.

Description: This course is provided for students who are interested in taking additional math courses beyond what is needed to meet the graduation requirements. Students will explore the visual side of mathematics through diagrams and models of 2-dimensional geometric shapes, parallel and intersecting lines, angles, and transformations. Students will be expected to use reasoning and logic to create, test, and refine definitions as well as to complete written proofs of geometric concepts. Topics include:

- geometric constructions
- parallel and perpendicular lines:
 - circles as tools in constructions
 - perpendicular bisector theorem
- circle geometry
- constructing tangents
- transformations of 2D shapes:
 - isometries
 - non-isometric transformations
- non-Euclidean geometries

Evaluation: will be made through assignments, projects, and written tests.

Apprenticeship Mathematics 12

This course is designed for students that are planning to enter a Post-Secondary Apprenticeship Program.

The course content:

- Measuring: using tools with graduated scales conversions using metric and imperial
- Similar triangles: including right-angle trigonometry
- 2D and 3D shapes: including area, surface area, volume, and nets
- 3D objects and their views (isometric drawing, orthographic projection)
- Mathematics in the workplace
- Financial literacy: business investments and loan
- Help them prepare for entering an Apprenticeship Program

History of Mathematics 11

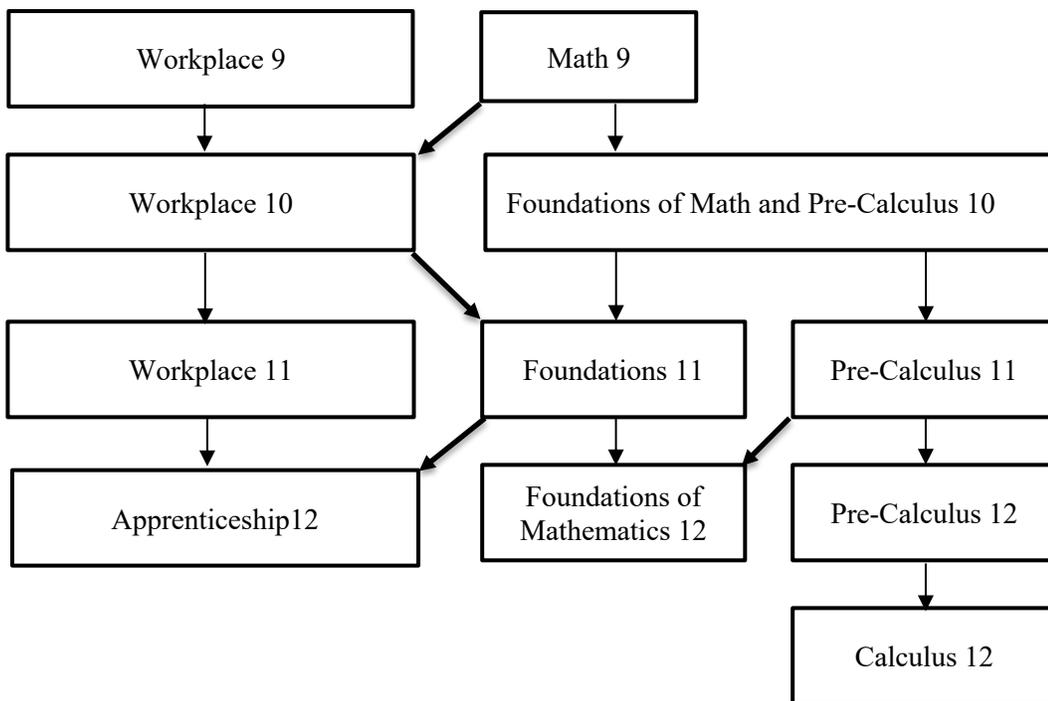
This course allows student to study notable mathematicians in history that led to the development of many areas in mathematics. Also, it gets students to understand how mathematics has developed over many centuries and continues to evolve.

The course content:

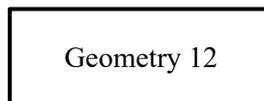
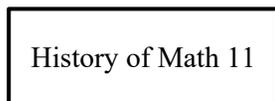
- Number and number systems:
 - o Written and oral numbers
 - o Zero
 - o Rational and irrational numbers
 - o Pi
 - o Prime numbers

- Patterns and Algebra:
 - o Early algebraic thinking
 - o Variables
 - o Early uses of algebra
 - o Cartesian plane
 - o Notation
 - o Fibonacci sequence
- Geometry:
 - o of lines, angles, triangles
 - o Euclid’s five postulates
 - o Geometric constructions
 - o developments through time

Math Pathways in Diagram Format showing transition from Grade 9 to 12



Optional Math Courses
Open to both Grade 11 & 12 students



COMPUTER SCIENCE

COMPUTER PROGRAMMING 9

Predictions for 2020 suggest Canada will be in high demand for skilled tech workers. This course is focused on, but not limited to, block and text-based coding. All levels of computer and programming experience are welcome.

COMPUTER STUDIES 10

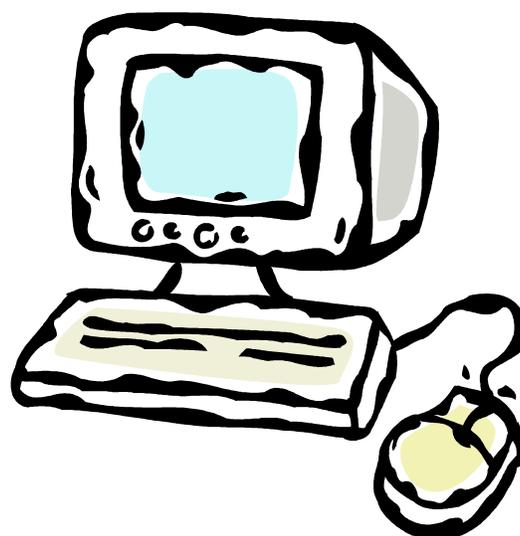
This course is focused on concepts in Computer Studies that address, but are not limited to, hardware, software, applications, computational thinking, digital literacy and programming. All levels of computer and programming experience are welcome.

COMPUTER PROGRAMMING 11

Computer Programming is a growing field of employment. Career opportunities range from high finance to app development and game development. This course introduces programming methodologies, structures and user interfaces. Previous computer courses are not required, but students should be very comfortable with basic computer use, web browsing, and file organization. Programming does require good math and algebra skills. To enroll in this course, it is strongly suggested that students have completed Pre-Calculus 10.

COMPUTER PROGRAMMING 12

This course is an extension of Computer Programming 11. Computer Programming 11 or demonstration of equivalency is required for this course. Programming does require good math and algebra skills. To enroll in this course, it is strongly suggested that students have completed Pre-Calculus 11.



FINE ARTS

DANCE

- Dance 9
- Dance Company 10
- Dance Company 11/12

DRAMA/THEATRE

- Drama 9
- Drama 10
- Acting 11
- Acting 12
- Directing and Script Development 11
- Directing and Script Development 12
- Theatre Production 11
- Theatre Production 12: Technical Theatre
- Theater Production 12: Theatre Management
- Musical Theatre

MUSIC

- Concert Band 9
- Concert Band 10
- Concert Band 11
- Concert Band 12
- Jazz Band 9
- Jazz Band 10
- Jazz Band 11
- Jazz Band 12
- Choral Music 9
- Choral Music 10
- Choral Music 11
- Choral Music 12
- Music 9: Guitar
- Music 10: Guitar
- Instrumental Music 11: Guitar
- Instrumental Music 12: Guitar

ART

- Visual Arts 9
- Visual Arts 10
- Visual Arts 10: Drawing & Painting
- Visual Journaling Intro
- Visual Journaling Advanced
- Art Foundations 11
- Studio Arts 11: Drawing & Painting
- Art Foundations 12
- Studio Arts 12: Drawing & Painting
- Art Careers 12
- Ceramics 11
- Ceramics 12
- Ceramic 12 Wheel Throwing
- Leather Working 11
- Leather Working 12

DANCE

DANCE 9

This course introduces the elements of movement and students will use these to create, revise, and refine dance sequences for informal presentation or formal performance. Students will be exposed to a variety of dance genres through the teacher, guest artists, fellow students, multimedia, and possible field trips.

DANCE COMPANY 10

This introductory course further explores the elements of movement. Students will use these to create, revise, and refine dance sequences for informal presentation or formal performance. Students will be exposed to a variety of dance genres through the teacher, guest artists, fellow students, multimedia, and possible field trips.

DANCE COMPANY 11 / 12

The emphasis in this course is on refining students' control of the elements of movement and presentation. Students will participate in formal and informal performances in a variety of settings and will work together to develop skills in dance presentation.

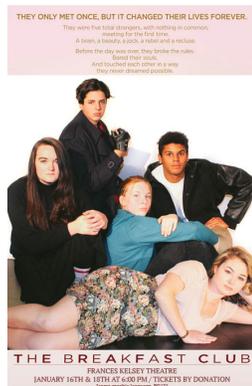
DRAMA / THEATRE

DRAMA 9

This course is designed for students with a curiosity about drama. The course involves self and social development through drama exercises and improvisations. Voice and movement exercises are undertaken. An introduction to scene work through monologues is explored. Evaluation is based on performance activities. Participation of all students in all aspects of this course is essential. This class becomes like a family and students must be prepared to give in order to receive.

DRAMA 10

Drama 10 is an introductory course to drama for some students and the continuation of a number of years in drama for others. The focus of the course is the foundations of drama (trust, collaboration, self-awareness), movement, voice, and improvisation. Through script work and performance, students learn aspects of theatre history and performance styles. Students have an opportunity to present their work both to their classmates or, if they choose, to a wider audience. The focus of Drama 10 is to develop a sense of what is dramatic and the individual's place within that drama and the group. It is desirable that students have one course in drama prior to enrolling in this course. Evaluation is based on performance activities, written work, and evidence of personal growth.



ACTING 11

This course is designed for students who are serious about performing. Whilst individual and group development will be integral to the course, the focus of all activities will be theatrical development and presentation. Acting 11 is a course based on the student's active exploration rather than passive assimilation. Elements are the foundation of trust and collaboration, movement, voice, improvisation, script work, theatre history, and performance styles. It is desirable that students have one course in drama prior to enrolling in Acting 11. Evaluation is based on student participation in these elements and on their personal progress. Students will perform several scenes or short plays during the course.

ACTING 12

Students enrolled in Acting 12 bring considerable theatre knowledge to the course with them. It is anticipated that students enrolled in this course are looking toward theatre as an integral part of their future. This is a course based on the student's active exploration rather than passive assimilation. Components of the course are the foundations of trust and collaboration, movement, voice, improvisation, script work, theatre history, and performance techniques. Acting 11 is required to take this course. Students in this course are required to perform several scenes, short plays, and monologues for their class and a larger audience. Evaluation is based on student participation in the elements and on their personal growth.

DIRECTING & SCRIPT DEVELOPMENT 11

This is an introductory course in directing and script development. It is hoped, but not essential, that students will have some prior knowledge of theatre or film and script writing. Students taking this course will learn the basics of technical theatre and acting in addition to writing and directing short scenes for performance.

DIRECTING & SCRIPT DEVELOPMENT 12

This course is designed for students who have a background in theatre and script development. Directing and Script Development 11 is a prerequisite for taking this course. Students taking this course will continue to learn basic skills in acting and technical theatre. Students will write and direct a short script as a collaborative class project and either direct a full-length play or write a one act play. Evaluation is based on writing, rehearsal technique, and final performances.

THEATRE PRODUCTION 11

Students in Theatre Production classes are responsible for all the technical aspects of running rehearsals, performances, and day to day maintenance of the Frances Kelsey Theatre. This class is designed for students who wish to learn the basics of backstage theatre and work as part of a production team. The elements of this course are theatre background, lighting, sound, design, construction, properties, costuming, front of house management, and stage management. Students in this course will be responsible for production elements of student directed plays. They will also take part in the technical theatre aspects of all Frances Kelsey mainstage plays. Drama 10 or permission of the instructor is required. Evaluation is based on practical activities, tests, and participation.

THEATRE PRODUCTION 12 TECHNICAL THEATRE

Students in Theatre Production classes are responsible for all the technical aspects of running rehearsals, performances, and day to day maintenance of the Frances Kelsey Theatre. Technical theatre 12 students are required to be responsible for either Lighting, sound, props, or set design and construction of a major production. They will also take a minor backstage role in all other productions. Their focus will be on the art of production and the logistics of staging a show. Theatre Production 11 is required.

THEATRE PRODUCTION 12 THEATRE MANAGEMENT

Students need a background in theatre. They will fulfill the roles of house, production, and stage management. They will be responsible for the business end of the productions in which we are involved. Theatre Production 11 is required. Evaluation is based on the distinct production elements and the staged productions.

MUSICAL THEATRE 9, 10, 11, 12

The context of this course is the production of a major musical. Through instruction, rehearsal, and the mounting of a full scale musical theatre production (to be announced each fall) students will learn and practice the skills of the musical theatre genre (acting, singing, and dancing).

This course runs in the timetable, but has a significant component of rehearsals and performances outside of the school day which require dedication and commitment from all involved. Auditions will be announced in the first few weeks of school and rehearsals will begin in October.

In the Spring, performances will be staged with ticket sales open to both the school and general public. Students must be prepared to commit to the rehearsal and performance schedules and expect to put in extra time as the performance dates approach.

Grade 9 students can expect to be cast as chorus members with large roles going to senior students.



MUSIC

COURSE OFFERINGS

Students can learn about music at Frances Kelsey through instrumental and vocal music. For those who are interested in ensemble music, both band and choir are available from Grades 9 through 12. The music program at Frances Kelsey is very active in performances at school and on field trips. The main ensembles are the Frances Kelsey Concert Band, the Frances Kelsey Concert Choir and the Frances Kelsey Jazz Band. Small self-directed ensembles or groups can be formed based on the interest of students.

ENSEMBLE COURSES

The following courses are offered on a group basis and require meeting on a regularly scheduled basis all year. Evaluation occurs through use of rehearsal time, ensemble work, and performance.

CONCERT BAND 9

Band 9 is offered to students with previous band training. The focus is on the development of musical skills and appreciation. Students will be given the opportunity to discuss and create music in a communicative manner, while developing reading and theory skills. Band 9 students perform in public and participate in festivals and field trips. Artistic expression is developed and demonstrated through performance in the Frances Kelsey Concert Band at school and on field trips.

CONCERT BAND 10

Previous band training is built upon in this course. The focus remains development of musical skills and appreciation, but with an added emphasis on other elements of musical growth. Stylistic and historical elements are explored. Artistic expression is developed and demonstrated through performance in the Frances Kelsey Concert Band at school and on field trips.

CONCERT BAND 11

Previous band training is built upon in this course. The focus is on advanced demonstration of musical skills and understanding. The level of performance and skill sophistication rises considerably in Grade 11 Band. Ensemble leadership is developed and demonstrated through performance in the Frances Kelsey Concert Band at school and on field trips.

CONCERT BAND 12

This course is the culmination of previous training. The focus is on sophisticated demonstration of musicianship. Ensemble leadership is further developed and demonstrated through performance in the Frances Kelsey Concert Band at school and on field trips. This course can assist young musicians in preparing for post-secondary studies in music.

JAZZ BAND 9

The focus is on jazz musical skills and a wide variety of jazz styles. Improvisation is introduced, developed and demonstrated through performance in the Frances Kelsey Jazz Band at school and on field trips.

Jazz Band 9 is offered outside the timetable as a credit course to students already enrolled in Concert Band 9.

JAZZ BAND 10

The focus is on jazz musical skills and a wide variety of jazz styles. Improvisation is developed and demonstrated through performance in the Frances Kelsey Jazz Band at school and on field trips. Soloing is encouraged in Grade 10.

Jazz Band 10 is offered outside the timetable as a credit course to students already enrolled in Concert Band 10.

JAZZ BAND 11

The focus is on jazz musical skills and a wide variety of jazz styles. Leadership, improvisation and soloing are developed and demonstrated through performance in the Frances Kelsey Jazz Band at school and on field trips.

Jazz Band 11 is offered outside the timetable as a credit course to students already enrolled in Concert Band 11.

JAZZ BAND 12

The focus is on jazz musical skills and a wide variety of jazz styles. Section leadership, improvisation and soloing are developed and demonstrated through performance in the Frances Kelsey Jazz Band at school and on field trips. This course can assist young musicians in preparing for post-secondary studies in music.

Jazz Band 12 is offered outside the timetable as a credit course to students already enrolled in Concert Band 12.

CHORAL MUSIC 9

The choir is for students with a desire to sing. The focus is on development of musical skills and appreciation. Using traditional and modern music, you will get the opportunity to practice singing in parts and learn the basics of rhythm, musical dynamics, and vocal technique. Artistic expression is developed and demonstrated through performance in the Frances Kelsey Choir at school and on field trips.

CHORAL MUSIC 10

The choir is for students with a desire to sing. The focus is on development of musical skills and appreciation. Singers will be encouraged to take more musical risks and develop their understanding of rhythm, musical dynamics, and vocal technique. Artistic expression is developed and demonstrated Kelsey Choir at school and on field trips.

CHORAL MUSIC 11

The choir is for students with a desire to sing. The focus is on development of advanced musical skills and appreciation. Singers have the opportunity, with others in choir, to choose some of the songs studied, and will learn music from other cultures and times, as well as popular music of today. Artistic expression and leadership are developed and demonstrated through performance in the Frances Kelsey Choir at school and on field trips.

CHORAL MUSIC 12

This course is the culmination of previous training. The focus is on sophisticated demonstration of musicianship. Singers will be encouraged to take on a leadership role in the choir by leading warm-up sessions and directing small group performances. You will learn to read music more fluently, and will learn music from other cultures and times, as well as popular music of today. Ensemble leadership is further developed and demonstrated through performance in the Frances Kelsey Choir at school and on field trips.

MUSIC 9 and 10: GUITAR INSTRUMENTAL MUSIC 11 and 12: GUITAR

Guitar Class will focus on individual student progress in playing the guitar. Some students will start by learning basic elements of playing guitar, while other students will raise their current level of play and challenge themselves to learn more and improve their technique. An emphasis on chord charts and tablature (tab) will be used to teach songs and lead riffs. Popular songs will be used as a tool to encourage better playing, and student suggestions for song choice will be encouraged. Students will be evaluated on their personal progress based on goals set at the beginning of the course. Come and enjoy the rewards of playing songs you like.

ART

VISUAL ARTS 9

Art 9 is designed to introduce you to a variety of different media ranging from drawing to sculpture. This course covers the basic elements and principles of design and drawing which is a fundamental base to artistic development. Evaluation is ongoing and will generally be based on criteria established for each project. A sketchbook is required and if you don't already have one in the correct size they are available for purchase from the teacher at the beginning of the course.

VISUALS ARTS 10

It is strongly recommended that you have at least one prior course in art before you enroll in this course. Visual Arts 10 (VAG10) is designed to further acquaint you with the fundamentals of art. Just as in art 9, there are a wide variety of media that will be explored in this class, including clay. Throughout this project-based course, you will be expected to maintain a quality sketchbook of all of your assignments and complete a range of major projects, some of which might be used for cross-curricular credit! You can purchase a sketchbook from the teacher at the start of the class.

VISUAL ARTS 10: DRAWING AND PAINTING

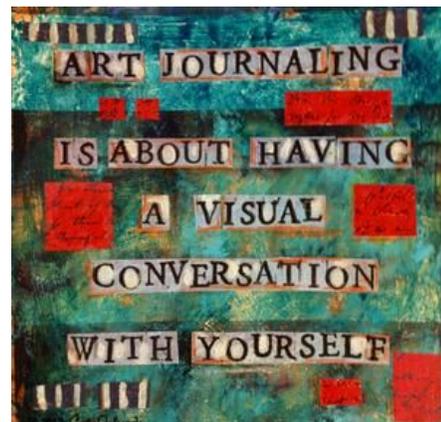
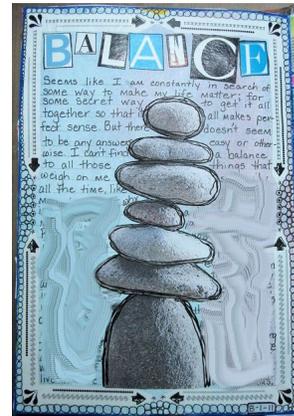
It is strongly recommended that you have at least one prior course in art before you enroll in this course. Visual Arts 10 Drawing and Painting (VAD10) Just as in art 9, there are a wide variety of media that will be explored in this class, including printmaking. This is a 2-D course, so does not include sculpture and clay. Throughout this project-based course, you will be expected to maintain a quality sketchbook of all of your assignments and complete a range of major projects, some of which might be used for cross-curricular credit! You can purchase a sketchbook from the teacher at the start of the class.

VISUAL JOURNALING INTRO

The Journal will be a sketchbook that is AT LEAST 12 x 14; the larger the better. It can be either hard or soft cover. This sketchbook will become a personal record of your artistic journey. In this class you will use your Journal every day! Your teacher will give you a prompt that you then ponder, and create an image from. At the end of every month, you will choose one image to further explore and create as a finished final piece of art.

VISUALS JOURNALING ADVANCED

This course is very similar to **Visual Journaling Introduction** but with greater self-directed components, which will be determined between you and your teachers.



CERAMICS 11

You will be making six major projects throughout the course. This course is a comprehensive introduction to the craft of clay working and provides an introduction to both hand building and wheel thrown clay. The primary emphasis is on studio work, which then leads to a portfolio of finished pieces by the end of the semester. You will be able to create as well as appreciate expressive, beautiful three dimensional clay forms. You will have an understanding of other cultures and periods of human expression in clay and finally you will begin to be proficient at forming clay objects yourself. A sketchbook is required. Sketchbooks from previous art courses can be used if there are blank pages available.

CERAMICS 12

Prerequisite is the SACS 11 course. Students in Ceramics and Sculpture 12 will improve their techniques attempting more challenging projects as well as having more freedom to explore areas of personal interest. A sketchbook is required. Sketchbooks from previous art courses can be used if there are blank pages available.



Original Art by Myah Woods

ART FOUNDATIONS 11

It is strongly recommended that you have at least one prior course in art before you enroll in this course. As in Art 9 and 10, we explore a variety of 2D and 3D techniques and materials and a wide range of themes. These projects usually change on a yearly basis. Students will draw inspiration from the work of established artists as well as other student artists while developing connections between their own art and other disciplines. Students will be encouraged to develop imaginative and creative responses to materials and to topics and to link their projects in a cross curricular manner to other courses such as English and Social Studies. A sketchbook is required. Sketchbooks from previous art courses can be used if there are blank pages available.

STUDIO ARTS 11: DRAWING AND PAINTING

It is strongly recommended that you have taken a grade 10 level course in art before you enroll in this course. This two-dimensional art course has a strong focus on designing, visual journaling, drawing, painting, and printmaking. You will learn techniques, strategies, and skills that should improve your artistic ability. You will focus on research, image development, problem solving using elements and principles of design, and critiques. If you make time to discuss ideas with your teachers there are possibilities for double credit in art and other courses on a project-by-project basis. A sketchbook is required. Sketchbooks from previous art courses can be used if there are blank pages available.

ART FOUNDATIONS 12

AF 12 presupposes that you will have mastered the fundamentals of art at least one other high school art course. In this course, emphasis is placed on improving skills, learning new techniques, and building confidence in the studio. The units are designed to help you learn more about what it is to think like an artist and to create work that is personally meaningful, using “big ideas” that might link and be used in another class, for cross curricular credit. This possibility should be discussed with all involved and is on a unit-by-unit basis. You are expected to take ownership of your own learning. A sketchbook is required. Sketchbooks from previous art courses can be used if there are blank pages available.

STUDIO ARTS 12: DRAWING AND PAINTING

Students with previous art experience can continue their education in the visual expression areas of drawing, painting, sculpture, and mixed media. Drawing skills are emphasized in this class since they are needed in all units of the course. Some of the areas studied include printing, painting, drawing skills, sculpture and ceramics. Whereas AF 11 introduced these skills and media; AF 12 extends the skills to more sophisticated projects and individualized work. A sketchbook is required. Sketchbooks from previous art courses can be used if there are blank pages available.

ART CAREERS 12

Prerequisite is another successfully completed senior art course. An open mind, a positive attitude and a willingness to work are essential to success in this course. Art careers 12 is a self-directed course which is designed to allow senior students time to hone their artistic skills and to build a portfolio of work for your art college entrance portfolio. Art careers may be taken concurrently with another Grade 12 Arts course. Students will work under the supervision of the teacher but should be capable of self-discipline and independent work. A sketchbook is required. Sketchbooks from previous art courses can be used if there are blank pages available. **ENROLLMENT IN THIS COURSE MUST BE PRE-APPROVED.**

LEATHER WORKING 11

In this project based practical course students will design and make a wide range of leather goods using only hand techniques. You will employ traditional techniques and learn to make a number of medium-sized projects which could include: journal/book covers, wallets, shoulder purses, axe covers and knife sheaths, messenger bags. You will understand how to make and design pattern pieces, and how to appropriately design closures, toggles, and more complicated finishings.

LEATHER WORKING 12

This project based practical course will delve further into the centuries-old craft of refined leatherworking. Students will employ traditional techniques and learn to make a number of predetermined advanced leather projects, which are to be completed at the student's own pace. These projects could include, but are not limited to: a messenger bag, a man bag, backpack, horse gear, dog harness, shoes, moccasins and many more complicated leather creations.

KNITTING AND POTTERY

This is an introductory course which consists of equal parts knitting and pottery. The pottery aspect of the course will include ways of hand building with clay, wheel throwing, decoration methods, glaze techniques and firing processes. The knitting part of the course will include basic construction of several simple items which should (by the end of the course) give you enough skill to tackle more major projects. The items could include hats, mittens, children's sweater and socks or slippers.

Original Artwork by Abigail Boechler



APPLIED DESIGN, SKILLS & TECHNOLOGIES

HOME ECONOMICS

- Food Studies 9
- Food Studies 10
- Food Studies 11
- Food Studies 12
- Culinary Arts 10, 11, 12
- Gardening 11
- Textiles JR
- Textiles SR
- Textile Studies Advanced

- Family Studies 12
- Philosophy 12

PEER COUNSELLING

- Peer Counselling 10, 11, 12

BUSINESS EDUCATION

- Accounting 11
- Business Computer Applications 11
- Business Information Management 12
- Graphic Arts 11
- Entrepreneurship and Marketing 10
- Entrepreneurship 12
- Financial Accounting 12
- Keyboarding 9
- Marketing 11
- Marketing 12 – Community Connections
- Photography 11
- Yearbook 11, 12

SURVIVAL 101

- Survival 101

TECHNOLOGY EDUCATION

- Drafting 9, 10, 11
- Drafting 12 – Architectural
- Drafting 12 - Engineering
- Materials and Product Technology 11
- Media Arts 11
- Media Arts 12
- Technology Education 9, 10
- Woodwork 9, 10
- Industrial Design 11, 12
- Carpentry/Joinery 12
- First Nations Art 10, 11, 12
- Digital Audio 10, 11, 12 (FKSS Recording Studio)



PHYSICAL EDUCATION

- Physical and Health Education 9
- Physical and Health Education 10
- Active Living 11
- Active Living 12
- Fitness and Conditioning 11, 12
- Yoga 10, 11, 12
- FKSS/RPM Hockey Academy
- Outdoor Education

HOME ECONOMICS

“Don’t leave school without it”

Home Economics courses offer skills that are essential for life and help to promote a healthy lifestyle. They explore the skills required daily and prepare students for careers in the hospitality-tourism industry and others such as dietetics, fashion, clothing, interior design, and the human service professions. Check out these exciting courses and see what the future may hold!

FOOD STUDIES

These hands-on courses allow students the opportunity to develop their skills and knowledge of healthy food preparation. Basic to advanced food techniques, safety, and food safe practices are key elements of these fun-filled foods courses.

FOOD STUDIES 9

This is an introductory food studies course that offers a variety of cooking experiences. Develop the skills to prepare nutritious foods while having fun!

- Hot from the oven: a variety of quick breads
- Home alone: quick and nutritious meals
- Meal planning: nutritious meals focusing on foods from the Canada’s Food Guide
- Local and global considerations: preparation of meals with a local and foreign food emphasis
- Social ethical and sustainable considerations

FOOD STUDIES 10

Develop an appreciation and understanding of:

- Meal preparation and planning: cookery principles for healthy breakfast, lunch, dinners and food preservation.
- Bakery Delights: understand and practice techniques through preparation of pastries, quick breads and yeast bread recipes.
- International Perspective: Asian and Mexican cuisine.

FOOD STUDIES 11

Continue to develop your culinary skills and appreciation for home cooked food. Understand how to organize, prepare nutritious meals in a timely manner and with a limited budget. A variety of traditional and international foods will be prepared.

- Quick breads, artisan breads, and a variety of bakery products.
- Stocks, soups, salads, wraps and pastas.
- Meals: planning and preparation of nutritious meals
- Rouxbe On-Line Cooking videos to enhance the cooking experience.

FOOD STUDIES 12

GRADUATION.... You may soon be living on your own! Continue to develop your culinary skills or this may be your first opportunity in a foods course. Learn culinary essentials by understanding cookery procedures through preparation of a wide variety of recipes.

- Quick, nutritious meals for independent living on a limited budget. Recipes include home made pasta, sauces, salads, soups, breads.
- Preparation of a variety of meat, poultry, vegetarian and fish dishes.
- National and International cuisine.
- Rouxbe On-Line Cooking videos to enhance the cooking experience.

CULINARY ARTS 10-12

Is an opportunity for you to learn and work in a culinary kitchen, to develop personal cooking experience or for potential food service employment.

- Food Safe 1 training through VIHA
- Operational procedures for kitchen tools and equipment.
- Be part of a production team in the preparation of a wide variety of ingredients for meal service at the Kelsey Kafe.
- Social, ethical and sustainable considerations.

GARDENING

GARDENING 11

This course offers a hands-on learning experience for you if you are interested in sustainable gardening. You will visit and observe natural habitats, and learn about plant propagation, pruning, seed saving and growing your own veggies. Some of this course is project based so other topics could include bee keeping, companion planting, Aboriginal medicinal plants, permaculture, floristry and greenhouse or indoor gardening.



TEXTILE STUDIES

Sew easy and sew much fun!

Sign-up for one of the many textile courses offered at Frances Kelsey. These courses allow the novice and experienced sewer and designer the opportunity to develop and increase their skills and knowledge of clothing design and textiles while sewing interesting projects.

TEXTILES JR

Create your own fashions and accessories using commercial patterns and a variety of fabrics in Kelsey's high tech sewing facility. Some topics covered include:

- * Introduction to patterns, measuring, and fitting
- * Elements of design
- * Projects and garments such as pajama pants, aprons and a recycling project.
- * Clothing care, fabric and fibre study

TEXTILES SR

No prerequisite

Textiles SR is a more advanced sewing course. Some topics covered include:

- Introduction to patterns, measuring, and fitting
- Elements of design
- Clothing care
- Advanced techniques of clothing construction
- Projects and garments such as jackets, skirts and tops.

TEXTILE STUDIES 11 and 12

Prerequisite: Textiles SR or permission of teacher

Both Textile Studies 11 and Textile Studies 12 courses benefit the student interested in following a career related to the "fashion industry" and the student simply wishing to improve their sewing skills and textile knowledge. This course is also available to senior students wishing to take their first sewing course.

- * Wardrobe planning and budgeting
- * Further knowledge of sewing construction and the use commercial patterns
- * Clothing care and fabrics
- * A wide range of projects are tailored to student's ability.
- * Fashion History
- * Awareness of global concerns related to the garment industry.

PSYCHOLOGY

PSYCHOLOGY 11

Recommended for Grade 11 and 12 students only. Why do humans behave the way they do? In this course you will be introduced to the fascinating world of psychology, which studies human behaviors and mental functions. Explore concepts such as perception, cognition, attention, sensation, behavior, motivation, personality and interpersonal relationships.

Introducing Psychology:

- Why study psychology?
- What is psychology?
- A brief history of Psychology
- Psychology as a profession

Learning and Cognitive Processes:

- Learning: Principals and Applications
- Operant conditioning
- Classical conditioning
- Learning strategies
- Memory and thought

The Workings of the Mind and Body:

- Sensation and perception
- The Senses
- Extrasensory perception

Altered States of Consciousness:

- Sleep and dreams

SELF AND SOCIETY 12 (Psychology)

Psychology 11 is not a prerequisite for this course. Recommended for Grade 12 students only. Self and Society 12 provides students with the opportunity to explore more deeply the psychological theories, concepts and methods presented in Psychology 11, all of which are aimed at furthering an understanding of human behavior. This course is separate from the existing Psychology 12 course which will also be offered. The topics include Body and Behavior, Motivation and Emotion, Altered States of Consciousness, Infancy and Childhood, Adolescence, Adulthood and Old Age, Psychological Testing, Psychology: Present and Future, and Psychological

Research and Statistics. **If you enjoy learning about mind and behavior, sign up for both Psychology 12 and Self and Society 12**

PSYCHOLOGY 12

Psychology 11 is not a prerequisite for this course. Recommended for Grade 12 students only. Do you know what makes you tick? Why do you do the things you do? Understanding behavior is what Psychology is all about. Psychology will help you understand the role of mental functions in individual and social behavior, while also exploring the physiological and neurobiological processes that underlie certain cognitive functions and behaviors. Sign up for this course to find out more.

Personality & Individuality:

- Birth order
- Personality theory
- Psychological testing

Human Interaction:

- Relationships
- Interactions
- Conflict vs. cooperation
- Bullying and cyber bullying

Adjustment and Breakdown:

- Stress and health
- Adjustment in society
- Abnormal behavior
- Therapy and change
- Addiction

Attitudes and Social Change:

- Prejudice
- Persuasion
- Social influence
- Brainwashing
- Animal testing

Psychology, present and future:

- Careers and Fields of Psychology

PEER COUNSELLING

PEER COUNSELLING 9

Peer Counselling 9 is an introduction to learning the skills of communication to be supportive within the student body. The focus is on verbal/non-verbal communication, active listening, empathy, questioning skills, roadblocks to communication, and team building. The students will also explore current issues impacting youth in our society, such as bullying, anxiety, depression, and healthy vs unhealthy relationships. There is an expectation of 20 hours of volunteering to be done within the school or community over the term.

PEER COUNSELLING 10-12

The peer counselling program at Frances Kelsey is designed to train students in communication, interpersonal, and specific intervention skills. These skills enable students to become peer helpers and take an active role in the delivery of the Counselling services and programs. These skills are beneficial for students wishing to pursue a career in helping professions such as teaching, social work, nursing, medicine, child & youth care, resident care, and counselling.

In addition to the training, the program includes special workshops centered on teen issues, for example: suicide prevention, grief & loss, teen pregnancy and choices, conflict resolution, disordered eating, child abuse, alcohol and drug abuse, and preventing relationship abuse.

Peer counsellors provide a variety of support services to the students at Frances Kelsey.

These services or projects are a vital part of the program. Peer counsellors provide 25 hours of service for the school and local community. Peer Counselling is designed to train students in communication, interpersonal and specific intervention skills. Students will learn to prepare, produce and manage an inquiry-based project.

These services may include:

- Individualized Peer Support
- Anti-bullying programs
- Peer Mediation
- Transition of Grade 7 and 8 students to Frances Kelsey School and the graduation program
- Welcome Wagon for New Students

- Compassion Week
- T.A.D.A. – Together Against Discrimination Always
- Reality Check
- Suicide Prevention/Awareness
- Kelsey Cancer Campaign
- Diabetes Awareness Campaign
- Mental Health Awareness

PEER TUTORING 12

Peer Tutoring 12 is recommended for Grade 12 students only. The aim of Peer Tutoring is to enable students to develop a sense of belonging in the school community, and ultimately, to encourage students to engage in community service within Kelsey, as well as within the community at large. Peer Tutoring will allow both the tutor and the student to better understand information. As they work through the concepts, both individuals will gain a broader and deeper understanding of the material.

During the course, students will work toward improving group process skills and enhancing creative and critical thinking skills. The tutors will learn not only how to ask useful questions, but also develop social listening skills that are a sought-after ability in the professional world.

Some objectives of the program are the following:

- to increase social connectedness and create a sense of belonging within supportive peer networks
- to provide positive role models, positive peer influences and opportunities which help students demonstrate competence in a particular academic subject or skill area
- to improve students' understanding and application of concepts and methods as they pertain to a particular subject or skill, thereby enhancing student success

BUSINESS

“Financial Literacy for the Future”

The school offers a wide range of courses which introduce students to various areas of the world of business. The business curriculum offers students an opportunity to become acquainted with accounting, office procedures, business management, marketing, computers, and computer applications and keyboarding. Business courses can lead to further study at the post secondary level as well as provide an excellent background for those students who are seeking immediate employment after graduation.

ACCOUNTING 11

Accounting 11 is the introductory course to the theory of accounting. All students complete practical exercises similar to the records kept by a small business. At the end of the course, students will have knowledge of fundamental accounting concepts that can be applied to personal and business use. Students will also learn computerized accounting using *Simply Accounting* software.

BUSINESS COMPUTER APPLICATIONS 12

Planning a career as an administrative assistant? Get a head start on the programs and skills required to gain employment in an office environment. Develop proofreading, editing and formatting skills using Microsoft Office, Excel, PowerPoint, and InDesign. Improve your keyboarding proficiency as you learn to create a variety of documents used in the business world today.

KEYBOARDING 9

Keyboarding is a communication-related skill which is essential in today's computer-oriented society. This course will develop keyboarding proficiency both as a personal life skill, and as a foundation for career development. Research has shown Keyboarding increases performance in reading, spelling, grammar, punctuation, and creative writing. Keyboarding 9 is designed for the beginner or students whose skills may be “rusty”.

ENTREPRENEURSHIP AND MARKETING 10

Learn about the opportunities for entrepreneurs in today's business world. Follow the life cycle of a product from invention or innovation to the marketplace. Add some technology skills to your resume by using industry-standard software programs InDesign and Photoshop to create unique brochures and graphic design projects for promotion and marketing. Collaborate, problem solve and use your creative ideas to find ways to add value to an existing idea or product.

ENTREPRENEURSHIP 12

Explore the world of startups and running your own business! Do you have the skills to be an entrepreneur? Learn how to create a business plan to see your ideas through from start to finish. Explore how to use social media to promote a marketing strategy for your business and using alternative funding campaigns to generate revenue.

FINANCIAL ACCOUNTING 12

This course is intended for students who wish to pursue post-secondary studies in accounting, finance, business management, or commerce. Advanced financial accounting concepts encourage students to develop analytical, decision-making, and communication skills. The skills learned in this course will be useful to students who intend to pursue other professions. Students will also learn the *Simply Accounting* software.

MARKETING & PROMOTION 11

Marketing and advertising influences many of the decisions we make in our daily lives. Learn about various marketing and promotion strategies and types of advertising. Work on group projects to develop interpersonal and public relation skills as you design new and innovative products or services. Explore all the various career options available in marketing and promotion today.

E-COMMERCE 12

Local and global retail environments are undergoing a rapid transformation due to digital and cloud-based technologies. This course will look at entrepreneurship opportunities and the evolution and nature of e-commerce. Learn creative ways to add value to an existing idea or product in the digital retail environment. Explore how technology can play a role in creating an ethical and healthy global marketplace.

CAMOSUN COLLEGE - SCHOOL OF BUSINESS. DUAL-CREDIT COURSES

ACCT 110 – Financial Accounting 1
BUS 140 – Business Information Technology
MARK 110 – Introduction to Marketing

PHOTOGRAPHY 11

Discover the joy of photography! In this course students will learn how to express their creativity through photos. We will learn composition techniques and other tips necessary to take a great picture. Students will work with Photoshop CC as their digital darkroom to enhance or apply special effects to their photos. Students should have a digital camera to work with, and be prepared to spend some time outside of class in pursuit of great images. A great picture really is worth a thousand words! Students will also collaborate with the journalism class to take photos for the yearbook.



YEARBOOK 11 and 12

This is a linear course (running all year) open to students in grades 10, 11 and 12. Yearbook is designed for students who are interested in learning all aspects of producing a school yearbook. The course includes photography, copy writing, graphic layout and design and editorial responsibility. Students produce the yearbook using Adobe InDesign and Photoshop. Time outside of school hours is required to cover extra-curricular events so students need to be willing and able to stay after school hours to cover sports events and performances. Students must be prepared to devote the time needed at key times of year to ensure that all publishing deadlines are met.

INTRODUCTION TO WILDERNESS SURVIVAL (FORMERLY SURVIVAL 101 / S.A.R.)

Open to Grade 10 -12 students, this course will offer students a general introduction and overview of wilderness survival strategies and techniques. Units of examination will include: The Living Wilderness, Wilderness Survival, Wilderness Navigation (Map and Compass) and Wilderness First Aid. Throughout the course, students will be given the opportunity to explore our diverse local outdoor terrain. This course will include both a classroom and a hands-on approach to learning. Students will also receive an extra credit for their participation in various hiking opportunities that will be offered to the students throughout the term, For any questions or inquiries students are asked to speak to Mr. Hart or Mrs. Wellwood.

TECHNOLOGY EDUCATION

Students registering in the following courses will be expected to participate as mature individuals in small and large group activities.

DRAFTING 9

This course is an introduction to mechanical and architectural design. This is a great course to introduce you to the world of design and drawing using AutoCAD.

DRAFTING 10

This course introduces students to design drafting. Students will learn to use the latest AutoCAD to design and draw a complete set of plans for a small vacation home. They will learn to use basic drafting skills to complete final working drawings on the computer and print their own personal copies on a large color plotter. This course is an excellent introduction to using CAD software as a powerful design tool.

DRAFTING 11

In this course, students will develop advanced drafting skills on the computer using modern CAD software to complete a full set of architectural drawings. Students will be directly involved in the design of their project and will learn valuable AutoCAD drafting skills. This course is a great introduction to the world of residential building design.

DRAFTING 12 - Architectural

Students in this course will specialize in architectural design. They will be directly involved in the design of a modern house and complete a full set of architectural drawings on the computer. Students will learn how to use the latest construction guidelines and codes to design their house. This course is designed to prepare students who are interested in specializing in architectural design or related fields.

DRAFTING 12 - Engineering

Students in this course complete a variety of mechanical drawings on the computer. This course is designed to prepare students who are interested in specializing in engineering or a related field.

MATERIALS AND PRODUCTS 11

The student will have the opportunity to develop skills in hands-on problem solving in this course. The student will be working with a variety of materials and production methods:

1. Machine operation, intermediate
2. Product research and development
3. Production of a major project

Participation in both Skills Canada and the North Cowichan Value Added Woodworking Competitions is strongly recommended.

MEDIA ARTS 11

This course is an introduction to the world of digital media as it pertains to picture editing. Students will use a video presentation series to develop basic skills using Adobe Photoshop CS6. Students will develop their own photo portfolio as part of this course.

MEDIA ARTS 12

This course is an extension of Media Arts 11. Students will enhance their proficiency with Adobe Photoshop CS6 and learn advanced photo editing techniques.

TECHNOLOGY 9

In this project-based course students will learn a variety of both practical and theoretical skills. These skills will range from electronics and circuitry to hydraulics and machine control. Past projects have included work with LED lights, batteries, hydraulics, magnetic levitation systems and simple computer programming. As well, students will be challenged to predict how technology will impact their lives in the coming years.

TECHNOLOGY 10

This course will have both project and theory-based components. Students will build projects and do numerical analysis of their creations to see how closely the theoretical and practical aspects align. Past projects have included LED light bars, work with transistors and microchips on bread boards, robotics and CNC/3-D printer creations.

WOODWORK 9

This course is designed to introduce the technology of turning materials into products. The materials used are woods, metals, and plastics. The course is based on processes and use of materials and tools common to home and the workplace.

WOODWORK 10

Students in the course will solve design problems and build products with an emphasis on safe operation of machines and efficient use of equipment and materials.

CARPENTRY AND JOINERY 12

This course offers an opportunity to learn advanced levels of production, research, and development as it relates to production. The student is offered the choice of which materials in which to specialize, but the emphasis will be on mass production.

1. Production methods research and development.
2. Product design marketing.
3. Major project Development and manufacture

INDUSTRIAL DESIGN 11 / 12

During this technology course students will design and construct a rocket glider and a hydro race boat. Students will use creative thinking to design, construct and test their projects. This will involve constructing different types of vacuum molded glider wings and testing them for efficiency. The rocket gliders will be designed and launched to achieve the longest flight possible. Students will also construct a hydro boat hull and race their designs the length of the technology room in large open water tubes. Students will be encouraged to use a variety of current industrial design techniques to build their projects.

FIRST NATIONS ART 10, 11 & 12

This is a locally developed course that introduces students to woodcarving in a First Nations style. The student will learn how to use and care for a variety of carving knives. This will include some basic sharpening techniques. Many native carving designs and templates are provided as examples of carvings. Each student is required to complete five carvings for this course. Some interpretation and design of individual carvings is encouraged. First Nations Art Courses are year-long and are worth 4 credits.



PHYSICAL and HEALTH EDUCATION

Most physical education 9-12 courses will be organized by ability level rather than by grade. Activities include table tennis, basketball, soccer, volleyball, softball, badminton, kayaking, hiking, skating, stand-up paddle boarding, and handball. Fitness choices include weight training, cross country running, yoga, Pilates, and circuit training. All grade 9 and 10 PE students must complete a compulsory active health unit. Students in grade 10-12 PE are given the opportunity to receive credit for participating on a school or community team.

PHYSICAL AND HEALTH EDUCATION 9

Physical Education 9 is a compulsory course that gives students the opportunity to experience a wide variety of team, individual, and leisure activities.

PHYSICAL AND HEALTH EDUCATION 10

Physical Education 10 is also a compulsory course, which provides students with a continuation of skill development in activities of their choice. Students also have the chance to experience activities which they have never tried before.

ACTIVE LIVING 11

This course offers students the opportunity to continue to develop skills in their area of choice, or again, try some new activities. Students must complete St. John Ambulance Emergency Level First Aid, and participate in school and/or community service work.

ACTIVE LIVING 12

The intent of this co-educational course is to provide an extension of skills and abilities explored in PE 11. This course also focuses on instruction and practical experience in coaching, athletic taping, and other leadership roles.



FITNESS AND CONDITIONING 11/12

This Physical Education course is primarily targeted to those students who wish to understand the components of fitness and how those can be integrated into a healthy and active lifestyle. Through regular training and information sessions, students will gain a practical understanding of the benefits of a balanced fitness plan. This course will also provide an opportunity for students to experience a variety of activities that they could integrate into their lives. The goal of this course is to give students the knowledge and practical understanding of how to live a healthy lifestyle.

YOGA 10/11/12

In Yoga 10/11/12, students will develop and sustain a regular physical practice to complement one's athletic pursuits, to strengthen and tone the body while cultivating an understanding of alignment and anatomy as it relates to the safety and the benefits of the practice. The students will make connections between the physical practice and their ability to handle stressors both on and off the mat.



FRANCES KELSEY / RPM HOCKEY ACADEMY

Pacific Rim Hockey Academy program provides students the opportunity to balance their education while developing their hockey skills. Parent session will be held in February for more information and fee details.

- Open to Grades 8-12
- Offered in Semester 1 (Sept-Jan)
- Students obtain PE credit

Please contact A. Johnston (AJ) for more information.

OUTDOOR EDUCATION

Open to students in grades 10-12, Frances Kelsey's outdoor education program provides students with a unique opportunity to gain "8" course credits through active involvement in and out of the classroom environment. Running in the second semester, students will work in the classroom setting from February to mid-March on an in-school elective; Grade 10 = Socials 11, Grade 11 = Geography 12a Grade 12 = Geography 12b.

Following Spring Break, the students will then begin hands on daily fieldwork outside. Podded within their peer grade groups, students will be introduced to the elements of outdoor education through trail building and an introduction to Search and Rescue. The Trail building component of the course will introduce students to trail planning, design, mapping, rural & urban management, ecosystems, and many other areas of study. The Search and Rescue component of the course will introduce students to wilderness survival, first aid, navigation, back country travel and animal awareness.

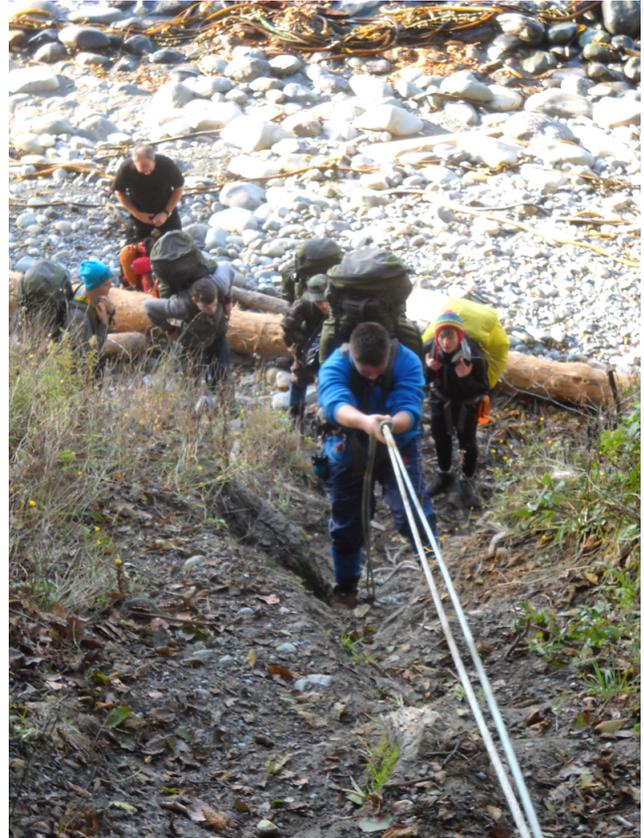
The 4-credit outdoor component of the course will count as the students PE credit for their given grade year. Each grade will progressively build on the skills



learned in the year before. There is no requirement to have taken the course in the previous years to take it again. Students can and are encouraged to take the course in all

three years to maintain and build on their outdoor skills.

The program may also provide students with the opportunity to take part in a multi-day overnight hiking trip. (Depending on interest, more info TBA)



CAREER CENTRE

The Career Centre is available to all students. Students can come in and browse university viewbooks and explore potential career opportunities. Assistance is given to students applying to university and trades programs. Also, students may request help with resumes and scholarship applications.



WORK EXPERIENCE 12A and 12B

Do you have a part time job where you are learning important employability skills? Would you like to have a placement in the Work Experience Program where you can test drive a career? Come to the Career Centre to meet with one of our Work Experience teachers.

Work Experience 12A and 12B are four credit Ministry courses designed to give students important skills that will serve them well in their career pathways.

DUAL CREDIT COURSES

If you are thinking of going to university, consider taking a dual credit course at one of our South Island Partnership locations. English and Criminology are both popular courses which will give you credits for High School and University. These are often so popular that we are able to bring university lecturers to Frances Kesley to teach the courses.

TRAIN IN TRADE

Consider learning a Trade and getting it funded by attending one of our Train in Trade, Dual Credit Programs. Students typically attend these courses in the second semester of their Grade 12 year or from the September after graduation. See the list of some of the programs available on the next page. We have also had students attend an aviation course at Mount Doug, fully funded by the School District.



STUDENTS WORK IN TRADE

For students working in jobs outside of school as apprentices, the school district can access funding which will earn you \$1000 for every 100 hours you work as an apprentice and your employer can benefit from a 10% reduction in the wages they pay you, as they get reimbursed by the government.

FREE TUITION

FREE UNIVERSITY AND COLLEGE TUITION for SD79 students and recent grads who participate in Career Programs.

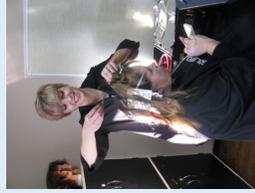
Students under the age of 19 as of July 1st, registered in an SD79 school, could receive more than \$7,000 dollars in **FREE TUITION** before graduation and in some cases **AFTER graduation!** Grade 10, 11, and 12 students talk to your Career Counselor today about these great opportunities offered right here in the Cowichan Valley, in Victoria or Nanaimo! See below for a sample of some of the career paths you can get started on today!

September

Vancouver Island University & Trades Centre

Hairdressing
HCA (Health Care Assistant)
RACM (Refrigeration Air Conditioning Mechanic)
Trades Sampler
Welder Foundation
Heavy Duty Mechanic (Nanaimo)
Automotive Service Technician (Nanaimo)
Professional Cook Level 1 (at Providence Farm)

Education, Journalism, Criminology, Biology
*(***Meets education requirements for employment with the School District)*



February

Vancouver Island University & Trades Centre

RACM
Welder Foundation
Professional Cook Level 1 (March)
Administrative Assistant
Horticulture (Nanaimo in January)
Trades Sampler
ART Careers
1st year Coding Course



Camosun College

Carpentry Foundations
Auto Tech Foundations (or at Cow High in 2nd Semester)
Electrical Foundation
HCA
Heavy Mechanical Trades
Plumbing and Piping Foundations
Professional Cook Level 1
RACM

Horticulture
TEAC (Technologies)

** Note: not all programs are listed above. See your career counselor to discuss your career path to see if there is an option for you at Camosun or VIU.*

** Note: all program and course availability is subject to enrolment. Some conditions apply to academic courses. Course start dates may change. Register soon to secure a seat!*



Camosun College

Auto Tech Foundations
Carpentry Foundations
Electrical Foundations
HCA
Metal Fabrication
Plumbing and Piping Foundations
TASK - Trades Sampler (at Frances Kelsey)
Welding
RCMP – CRIM 154



Courses and programs that lead to a specific career may qualify for sponsorship and **FREE TUITION**.

Check out our website: <http://www.careersandtransitions.ca/>

Or call our Career Department – Larry Mattin (Principal Larry on Facebook) or Alita Mattin (250) 746 0277

Contact your school's Career Counselor and get more information today!

Cowichan Secondary – Cheryl Martin (250) 746-4435

Frances Kelsey – Kevin van der Linden (250) 743-6916

Chemainus Secondary – Garry Culbertson (250) 246-4711

Lake Cowichan – Pat Biello (250) 749-6634

Open Learning and Alternate Education – Lisa Kellar (250) 746-6052

LEARNING CENTRE

The Learning Centre is intended to support any student who may be experiencing temporary difficulty in learning and who needs additional support in any subject area.

Assistance can take the form of assessment, concept reinforcement, organizational help, skill practice or alternate learning and evaluation strategies in consultation with the subject teachers. These services can be delivered in the subject areas, in a tutorial setting in the Learning Centre, or at an alternate location.

Assistance is also given to students who are especially talented or gifted in particular areas. This is in consultation with the counsellors and teachers to plan projects or programs which give these students the challenges they need to develop their gifts and to realize their potential.

Referrals may come from the student, subject teacher advisor, counsellor, parents or administrator, and depending on the student's needs, may be short term, long term, or on a drop in basis. Please phone the school to notify the Student Services Department if your student is experiencing difficulty.

STUDENT DEVELOPMENT PROGRAM

The Student Development Program is a modified program with an emphasis on developing life skills in a full-time peer group setting. The primary objective is to provide an education program to help students acquire sufficient skills for independence and integration into the school and work community. This service is delivered in appropriate subject areas of the school by a resource teacher and/or educational assistants in collaboration with subject teachers. Subject curriculum can be modified and/or adapted to meet individual student needs.

At the secondary level, the Student Development Program coordinates the individual course planning in preparation for school leaving. Work experience, job shadowing, and transition planning are integral parts of this process.

Referrals should be made through the Resource Room Teachers or the Learning Assistance Teachers in consultation with parents, the school based team, and the Director of Student Support Services.

INTERNATIONAL PROGRAM

Frances Kelsey Secondary offers an international program for students from overseas with a strong E.S.L. component. We have welcomed students from Mexico, France, Denmark, Germany, Brazil, Taiwan, Norway, Hungary, Turkey, Spain, Korea, Hong Kong, Switzerland, Finland, Thailand, China and Japan. Such students serve to enrich the fabric of our school community. For further information, or if you would be interested in hosting an international student as a home stay within your family, please contact the S.D. 79 International District Principal, Ms. Elizabeth Hollands-Gamble at 250-746-0744.

STUDENT SERVICES

The role of the Student Services Department is to assist students in making their school experience the best it can be at Frances Kelsey.

The Counselling staff is well qualified (Masters of Counselling Psychology degrees) and closely involved with student programming. They assist students in selecting the courses necessary for graduation and help them choose the necessary prerequisites, which lead to the post-secondary opportunities of their choice.

In addition, Counsellors are available to help students who have personal concerns and assist students with coping strategies, decision-making, and liaising/teaming with outside resources as needed.

The Career Centre falls under the umbrella of Student Services and is a resource for occupational, vocational, and educational information. Help is always available to assist students in planning for the future and in obtaining work experience. Job seeking assistance is also available for all students.

Parents and students are encouraged to contact the counselling office at 250-743-6916 (ext. 230) or in person to make an appointment.

Counsellors:	Surname A-L	Ms. Kirchner (ext. 231)
	Surname M-Z	Ms. Wright (ext. 232)
	Counselling Secretary	Ms. Wheeler (ext. 230)

Career Centre:	Career Facilitator	Mr. van der Linden (ext. 228)
	Career Clerk	Mrs. Moreland (ext. 236)

OPPORTUNITIES TO VOLUNTEER AT FKSS 11 & 12

Students who volunteer mentor must commit to 2 work flex blocks or lunch hours per week. A volunteer mentor is not for credit, but does allow the student to:

- connect with a teacher and possible mentor for their Capstone Project
- mentor a student in need of extra direction, emotional support, or extra instruction receive volunteer hours required for graduation
- receive a reference, and possible reference letter useful for jobs, scholarships, and post-secondary programs, depending on commitment and performance
- complete 30 hours of community service, meeting the work component for graduation.

Volunteer Mentors are under the wing of Learning Assistance teachers and general classroom teachers who see a need for student mentoring and support.

The Volunteer Mentor must:

- understand this is a leadership commitment
- attend 1 or 2 lunch time meetings per semester, called by Learning Assistance for the purpose of assignment and strategy discussion.
- contact the teacher directly via email the night before if he/she will miss supporting a student in the case of illness/absence
- arrive at the appointed block time to the mentoring location.
- record in detail in a log book the date, time, name of teacher, location, and duration of volunteer mentoring
- complete the Employability Skills Log

THE CATALYST PROGRAM

The Catalyst Program (Gifted Education) provides learning opportunities to all levels in all areas and is open to all students at FKSS. Within the curriculum this program involves Independent Directed Studies, acceleration, course compacting, course telescoping, and more. Outside of the curriculum, students may work on equivalency programs or learning extensions, which involve outside competitions, contests, award programs, and service clubs. The sky is the limit! There is no need to feel unchallenged. See Mr. Zeeman or Mr. Hall for more details.

LIBRARY LEARNING COMMONS

The Library Learning Commons is the research and resource centre of the school and is open virtually all day. We have a computerized catalogue that you can access through the school website to find anything we house in the space, and we lend out laptops, iPads, books, audiobooks, eBooks, videos, and magazines. Your suggestions for new resources are always welcome.

Find us on the web at fkss.sd79.bc.ca and follow the library link where you will find the online catalogue access. There are also links to several well-known subscription databases that are accessible in the building without a password but can be accessed from home as well with passwords which may be obtained at the library circulation desk or through a protected link on the page. Help citing research sources and navigating the printing and saving protocol in the school are also found on our homepage.

You are encouraged to seek assistance from library staff for help in determining the most efficient and up-to-date resources to fit your needs as things are always being updated and improved. We look forward to helping you find a fictional escape or relevant resources for your class assignments. Come visit soon!

GETTING HELP

Everybody gets stuck sometimes, it's not unusual. So don't be afraid to ask for help. The teachers are here to help you with whatever questions you might have (and they don't bite!).

To complete a course as quickly as possible, it's best to work in the same room as the teachers who specialize in the subject on which you're working. That way you don't waste your time looking for help.

Be Patient! Lots of other students will have questions as well, so you'll usually have to wait to see your teacher. If your teacher is busy, try asking someone else for help. Most likely they can help you too.

If you feel overwhelmed, stressed, frustrated or just need to talk to someone, the Counsellors and Peer Counsellors are here for you to talk to. Your Counsellor can also tell you the names of some Peer Counsellors, in case you don't know who they are. There is always someone here for you.

COURSE CREDIT FOR LEARNING THAT HAS OCCURRED OUTSIDE THE SCHOOL

INDEPENDENT DIRECTED STUDIES:

This is a program of study developed by the student with a teacher in the school. It must be based upon the learning outcomes of a Ministry-Authorized or Locally Developed Course. In addition, it must be linked to the Student's Learning Plan. Development of the program and timelines for its completion are set out by the student and the teacher. The teacher oversees evaluation and final evaluation of the work to a maximum of 2 credits.

EXTERNAL COURSES:

If you have completed a course of study outside of the school system which has been approved by the Ministry of Education you may receive credit for that course on your official transcript. You will be asked to submit certificates, transcripts, or other assessment information as proof of completion to the Counselling Office.

Examples are:

- * Conservatories of Music - voice, piano, strings
- * Many Registered Dance classes
- * Language courses from other countries
- * B.C. level sports
- * B.C. Coaching
- * B.C. Officiating
- * Cadets
- * 4 H Club
- * Girl Guides/Scouts Canada
- * Pony Club
- * Bronze Cross
- * Life Saving
- * First Aid –WCB Level II, Level III
- * Pilot's License
- * Drivers Education

Note: More courses are added each year. See your counsellor for details.

Organizations Offering Approved External Credentials:

http://www.bced.gov.bc.ca/graduation/ext_credentials/ext_cred.php

EQUIVALENCY:

If you have completed a course of study at an institution outside the regular school system and that course has not been approved by the Ministry for credit, you may request an equivalency review by the school. To obtain credit, the program must match at least 80% of the prescribed learning outcomes for a provincial or locally developed course.

1. You will be asked to present documentation indicating successful completion of course work.
2. In addition, you may be asked to present official documentation that provides evidence that at least 80% of the learning outcomes of the course were met.

CHALLENGE:

If you believe that you have met the learning outcomes of a Ministry authorized or locally developed Grade 11 or 12 course, and if you have not been able to obtain credit through the equivalency process, you may consider challenging the course.

1. You will be asked to provide compelling evidence that you will succeed in the challenge
2. You will be required to show how the challenge is linked to your Graduation Transitions
3. If you succeed in the challenge and if the course is provincially examinable, you must write the Provincial examination as soon after the challenge process as possible

Note: A fee will be charged for challenging a course. Deadlines for requests are October 15th and March 15th.

POST SECONDARY

Many jobs require education and/or training beyond secondary school. In a competitive market, you must have unique or specialized skills and knowledge to make yourself stand out from the crowd and attract the attention of employers. There are many routes to take to get the education and training you will need. Please check with the Career Centre, your counsellor, as well as with individual post-secondary schools. Requirements are under revision on a yearly basis, so up-to-date information is essential. Your best source of information is the Calendar or website of the institution of your choice.

WEBSITES FOR INFORMATION ON GRADUATION REQUIREMENTS AND PLANNING FOR POST-SECONDARY

Graduation Programs:

<https://www2.gov.bc.ca/gov/content/education-training/k-12/support/graduation>

Provincial Examinations Results (including TRAX Web): It's here!!!!

You will need your PEN number to access your exam results.

<https://www2.gov.bc.ca/gov/content/education-training/k-12/support/transcripts-and-certificates>

Career planning and post-secondary options in BC:

<http://www.educationplanner.ca/>

Awards: (scholarships and bursaries)

B.C.: www.bced.gov.bc.ca/awards

Canada: <http://www.scholarshipscanada.com/>

Post-secondary online applications:

<http://www.applybc.ca/>

Student Financial Aid:

<https://studentaidbc.ca/>

MyBlueprint

<http://www.myblueprint.ca/sd79>

*Thank you to those
who contributed to this booklet.
They are:*

*Myah Woods, Emma Braun, Abigail Boechler - Artists
Mr. J. Rowan - Principal
Ms. M. Kirchner, Ms. N. Wright – Counsellors
Department Heads*