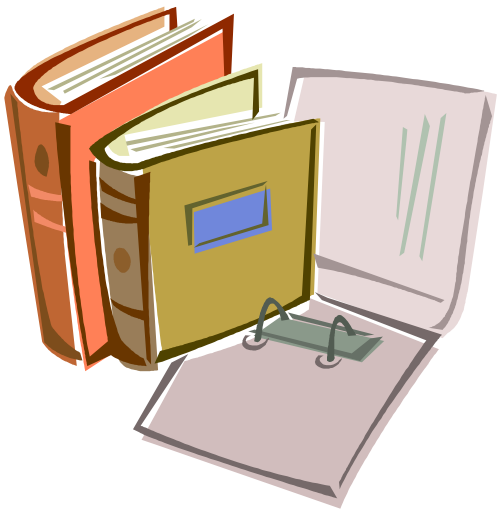
Fraser Lake Elem – Sec School Course Selections 2021 – 2022



Using This Guide

This booklet will outline all of the graduation requirements and options for students in Grades 8 through 12 at FLESS. The primary purpose of this guide is to help students choose courses for the coming year, but it is also meant to be kept and used. Do not throw it away!

Planning the Upcoming School Year

1. Learn which courses are required by studying this guide and also by verifying specific university and college entrance requirements.
2. Where a requirement involves a choice of courses (for example, different math choices), read the course descriptions, seek your subject teacher's advice to make realistic decisions.
3. When choosing any course, read the description carefully. Think about your personal skills and interests.
4. Use the course selections sheet based on the grade you are entering.
5. Timetable conflicts sometimes make it impossible to take all the courses you want. Plan alternative courses and write them on the selection form.

Please Note: we assign staff according to your choices now. Please choose wisely and don't expect to be able to switch courses in September.

Grades 8 & 9

The timetable system for Grade 8s consists of 8 blocks of time divided over two semesters. The order of blocks varies each day of the week, with every block adding up to approximately 100 hours of instruction during the year. Students will take 4 blocks in each semester. Grade 8 students do not make course selection choices and are scheduled into all courses to expose them to the widest experience possible.

The timetable system for Grade 9s consists of 8 blocks of time divided over two semesters. The order of blocks varies each day of the week, with every block adding up to approximately 100 hours of instruction during the year. Students will take 4 blocks in each semester. Each student must choose two elective courses and will be scheduled into the six mandatory grade 9 courses.

Grades 10 – 12

Courses at the grade 10, 11 and 12 levels are assigned a 4-credit value unless otherwise indicated. To graduate, students require 80 credits, earned in grades 10, 11, and 12.
48 credits are taken in required courses, an additional 12 credits must be taken from grade 12 level courses, career life connections provides another 4 credits, and the remaining 16 credits are elective.

External Credits – Credit at the Grade 10, 11 or 12 levels may be granted to students who have attained a high level of competency in a course of study or area of expertise outside the public school system. Credits are given to those who fulfill requirements in athletics, languages, music, cadets, first aid, Guides, and other areas of interest. Students who believe they may qualify for external credits must collect documentation and submit it to the school counsellor.

Independent Studies Credit – Graduation credits are available to students who have a particular interest and aptitude in an area of study and who may wish to undertake a special project with the agreement and support of a teacher.

Course Challenge – Enables students to earn credit for a Grade 11 or Grade 12 course by demonstrating they can satisfy the requirements of the specific course. The challenge process includes an application, interview and an examination. Students who believe they have the necessary qualifications to successfully challenge should see the school counsellor regarding eligibility and challenge procedures.

Advanced Placement (AP) and International Baccalaureate (IB) Courses
These courses may appeal to students whose plans include university. There are different options and choices vary from year to year. There are currently no AP or IB courses offered at FLESS.

Secondary School Apprenticeship – At a minimum age of 15, students who find an employer willing to take them on as an apprentice can enroll in the SSA program and work for wages simultaneously while receiving high school credit.

Dual Credits – Students can begin their post-secondary experience while still attending high school by enrolling in a dual-credit trades program at CNC. They can earn credit for courses at both education institutions and have the opportunity to explore a trade.

Distance Learning (DL) Courses – Students may want to complete a distance or online education course for credit because of a timetable conflict or because they think they will enjoy studying on their own. Any student considering such a course should discuss options with a counsellor prior to enrolling. An application is required for all DL placements. PLEASE UNDERSTAND THAT SUCCESS RATES IN DL COURSES TEND TO BE BELOW THOSE IN REGULAR CLASSES, WHICH COULD AFFECT THE ABILITY TO GRADUATE.

BC Graduation Requirements

Credit Requirements Grade 10 – 12

80 credits……total required for graduation (equivalent to twenty 4-credit courses from grades 10, 11 and 12)

48 Required Course Credits:
- English Language Arts 10 (two 2-credit courses)
- Social Studies 10
- Foundations and Pre-Calculus Math 10 or Workplace Math 10
- Science 10
- Physical & Health Education 10
- Career Life Explorations 10
- English Language Arts 11
- Social Studies 11 or a grade 12 equivalent
- Pre-Calculus 11 or Foundations of Math 11 or Workplace Math 11
- Science 11 or 12
- English Studies 12
- A Fine Arts or Applied Skills 10, 11 or 12

28 Elective Course Credits:
- Three courses at grade 12 level
- Four courses at grade 10, 11 or 12

4 Credits – Career Life Connections 12

Literacy Assessment – Grade 10 and Grade 12
Numeracy Assessment – Grade 10

Please Note: Post-secondary institutions often require you to complete specific courses. Some programs have minimum grade requirements as well. Careful planning in Grades 10, 11 and 12 will ensure you have all the courses and credits you need. Be sure to check post-secondary institution program requirements as well as requirements for general admission.

COURSE DESCRIPTIONS

Read descriptions carefully to be sure you are choosing the right course for you.

ENGLISH LANGUAGE ARTS

English Language Arts is MANDATORY in all of grades 8, 9, 10, 11 and 12

ENGLISH LANGUAGE ARTS 8 AND 9
The exploration of multiple forms of text and stories that reflect local, Canadian, Aboriginal, and International world views, while also learning how language can shape and influence ideas.

ENGLISH LANGUAGE ARTS 10
The four credits for English Language Arts 10 is earned in two 2-credit courses, each with a specific focus. The two courses are combined in one semester and are taken consecutively or concurrently, depending on teacher preference.

ENGLISH LANGUAGE ARTS 11 AND 12
The exploration of multiple forms of text and stories that reflect local, Canadian, Aboriginal, and International world views, while using language to thoughtfully and critically respond in speech, print, and other media formats.
Students must write a Provincial Literacy Assessment to graduate

MATHEMATICS

MATHEMATICS 8
This course is designed to help students think broadly about math and problem solving so that students can develop both functional skills and creative solutions. It provides students with a framework of basic skills to help them to be successful in secondary Mathematics and to achieve your future educational goals. This is a required course for all grade 8 students.

MATHEMATICS 9
An extension of Math 8 topics, including equations and variables, problem solving, number operations, patterns and relations, space & shape (both 2D and 3D), statistics and probability. This is a required course for all grade 9 students.

WORKPLACE MATHEMATICS 10
***Prerequisite*: Mathematics 9**
This course leads to Workplace Math 11. Topics covered include: proportional reasoning, solving equations, types of income, spatial puzzles, Pythagorean Theorem, similarity of polygons, unit conversions, measurement & trigonometry.

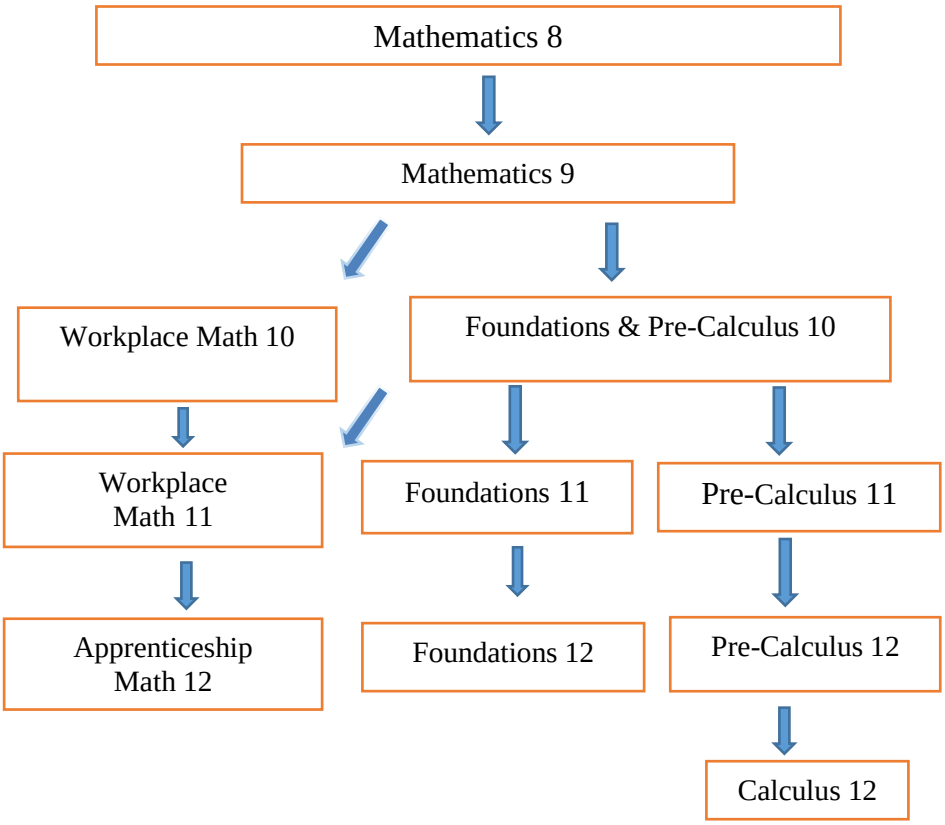
FOUNDATIONS MATHEMATICS AND PRE-CALCULUS 10
Prerequisite*: *Math 9 (minimum 60%)
This course leads to Foundations of Math 11 or Pre-Calculus 11 and encompasses a wide variety of mathematical concepts such as, algebra & numbers, measurement, relations & functions and trigonometry, and applies them in a variety of related areas. This course is usually a pre-requisite for university entrance and some college programs require this course.

Students must write a Provincial Numeracy Assessment to graduate

MATHEMATICS

CHART of THREE MATH PATHWAYS TO MEET GRAD PROGRAM REQUIREMENTS

Please ensure you are selecting the correct math program to meet your needs and your post-secondary requirements. Do not hesitate to consult your school counsellor.



WORKPLACE MATHEMATICS PATHWAY	FOUNDATIONS OF MATHEMATICS PATHWAY	PRE-CALCULUS MATH PATHWAY
• Emphasis on basic skills, understanding fundamental concepts and problem solving • Enables students to become discriminating consumers & citizens • May be suitable for some trades programs and will also be applicable for admission into the work force. • **NOT SUITABLE** for students choosing careers requiring advanced math.	• Emphasis on both a practical and theoretical focus, which prepares students for post-secondary studies in the arts and social sciences. • For students who may pursue post-secondary programs in the arts, humanities, and social sciences (e.g. psychology and social work).	• Emphasis on a more theoretical focus which prepares students to study calculus at post-secondary. • For students who may pursue post-secondary programs requiring mathematics (e.g. science, math, engineering.

WORKPLACE MATHEMATICS 11

Prerequisite*: *Workplace Math 10 or Foundations of Math 10

This course builds on Apprenticeship & Workplace Math 10. Topics also include slope and statistics. This course does not qualify for academic college or university admission requirements; however, it is accepted for some technical college programs. This course satisfies the Grade 11 Math requirement for graduation. Students graduating in 2018 will write a numeracy exam.

FOUNDATIONS OF MATHEMATICS 11

Prerequisite*: *Foundations of Math 10 (recommended minimum - 60%)

This course leads to Foundations of Mathematics 12. The emphasis is on extending knowledge from Foundations of Mathematics 10 but the curriculum also includes logic and research. This course satisfies the Grade 11 Math requirement for Graduation. Students graduating in 2018 will write a numeracy exam.

FOUNDATIONS OF MATHEMATICS 12 (DL only)

Prerequisite: Foundations of Math 11 (recommended minimum - 60%)

This course is intended for students interested in pursuing post-secondary education in non-scientific and non-mathematic fields. Topics covered include Personal Finance, Logic, Permutation & Combinations, Probability, Relations & Functions and Research.

PRE-CALCULUS 11

Prerequisite*: *Foundations of Math & Pre-Calculus 10 (recommended minimum - 67%)

This course is for students who intend to continue studies in Mathematics or in the Sciences. It is a pre-requisite for Pre-Calculus 12 and considered a prerequisite for the first course in Calculus at most universities and colleges. Major units include: Algebra (absolute value, radicals, rational expressions & equations), relations and functions & trigonometry. This course satisfies the Grade 11 Math requirement for Graduation. Students graduating in 2018 will write a numeracy exam.

PRE-CALCULUS 12

Prerequisite*: *Pre-Calculus Math 11 (minimum - 67%)

This course is designed for students who intend to continue studies in Mathematics or in the Sciences. It is considered a prerequisite for the first course in Calculus at most universities and colleges. Topics covered include Relations & Functions and Trigonometry, Permutations, Combinations & Binomial Theorem.

CALCULUS 12 (Video conference)

Prerequisite*: *Pre-Calculus Math 12 (minimum 80% and teacher recommendation)

Calculus 12 is a course that exposes students to the concepts found in a typical first year study of University Calculus. Historically, most first year university students struggle in calculus if not previously exposed to the topic. The purpose of this course is to give students an experience of Calculus so that they will find better success in Calculus at the post-secondary level. The course is taught with very little use of graphics calculator technology, as this is the philosophy followed by many university and college level calculus programs. If all concepts for Calculus 12 are completed early, some introductory topics in Linear Algebra (Matrices) will be introduced to students as well. The general topics covered in this course are: Pre-Calculus Review, Limits and Definition of Derivatives, Derivative Rules and Applications, Integral Techniques and Applications, Introduction to Linear Algebra (optional).

SCIENCES

SCIENCE 8

This is an introductory science course with an emphasis on Lab safety and equipment use. An overview of cells and cell systems, the kinetic particle theory, plate tectonics and optics will be covered. This is a required course for all grade 8 students.

SCIENCE 9

This is a continuation of concepts from Science 8 with an emphasis on Lab safety and equipment use. An overview of basic chemistry, electricity and circuits, environmental studies, and reproduction will be covered. This is a required course for all grade 9 students.

SCIENCE 10

This is a continuation of concepts from Science 9 with an emphasis on Lab safety and equipment use also covering topics such as genetics, chemical reactions, energy transformations and astrophysics. This course is required for all grade 10 students.

LIFE SCIENCES 11

As the "study of life", this course provides an overview of the vastly different organisms that inhabit the world. Key themes include identifying physiological similarities and differences, how organisms have changed through time, and interactions between organisms. Major lab components include use of various microscopes, hands-on dissections, and use of proper scientific procedures. This course includes a substantial amount of new vocabulary.
This course satisfies the Grade 11 Science requirement for Graduation.

ANATOMY & PHYSIOLOGY 12

Biology 11 or Life Sciences 11 and Chemistry 11 are supportive for the biochemistry unit but not required
Learning themes are branched into cell biology (cytology, DNA, enzymes) and human biology (body systems and processes). Hands-on components require a high level of laboratory skills and development of dissection techniques. This course has a demanding vocabulary.

CHEMISTRY 11

***Prerequisite*: Science 10**
***Recommended*: Foundations of Math/Pre-Calculus 10 (may be taken concurrently) - A good background in Math and Problem Solving required.**
This course is for the university-bound student: expands on the study of physical and chemical properties of matter. In the introduction to Chemistry, chemical reactions, bonding, and mole calculations are covered. Other units may include: Atomic Structure, Organic Chemistry, and Solution Chemistry. This course satisfies the Grade 11 Science requirement for Graduation.
Chemistry 11 is taught on a two-year cycle so is available every other year, alternating with Physics 11.

CHEMISTRY 12

***Prerequisite*: Chemistry 11**
***Recommended:* Strong background in Mathematics and Problem Solving**
This course covers reaction rates, equilibrium, acid-base reactions, electrochemistry, and solubility. This is a lab-based course with significant time and effort placed on correct lab procedures and write-ups.
Chemistry 12 is taught on a two-year cycle so is available every other year, alternating with Physics 12.

EARTH SCIENCE 11

Prerequisite: Science 10
This course covers the processes that create rocks and the inter-relationships between water, atmosphere, plants and animals and the earth. Students will learn about mining, the environment, paleontology, mineralogy, plate tectonics, and the rock cycle. The course draws on concepts from chemistry, biology, and physics. This course satisfies the Grade 11 science requirement for graduation.

PHYSICS 11

Prerequisite: **Science 10**

Recommended Prerequisite: **Foundations/Pre-Calculus 10**

This course provides a solid base for further study for universities & Physics 12. This Introductory course focuses on motion, forces, waves, nuclear energy, and special relativity. A strong background in algebra and problem-solving is beneficial and recommended. This course satisfies the Grade 11 Science requirement for Graduation.
Physics 11 is taught on a two-year cycle so is available every other year, alternating with Chemistry 12.

PHYSICS 12

***Prerequisite*: Foundations of Math 11, Physics 11, strong background in Algebra & Problem Solving - (Foundations & Pre-Calculus 10)**

This course is a continuation of Physics 11. Topics include: work, energy and power; vector kinematics & dynamics; momentum and equilibrium; circular motion; gravitation; electrostatics; electric circuits, and electromagnetism. Emphasis will be on applications, proper laboratory skills, and safety measures.
Physics 12 is taught on a two-year cycle so is available every other year, alternating with Chemistry 12.

SOCIAL STUDIES

SOCIAL STUDIES 8

7th Century to 1750

Social Studies 8 studies world history throughout the ages, beginning with the rise of civilizations in the Middle East through to the beginning of the revolutions around the world. World religions provide a framework for the study of civilizations.

SOCIALS STUDIES 9

1750 - 1919

Social Studies 9 covers Canadian history from European contact in North America to the end of the First World War.

SOCIAL STUDIES 10

1919 - Present

Social Studies 10 focuses on Canadian history from the end of the First World War to modern day conflicts and society.

LAW STUDIES 12

The study of the fundamental legal principles of Canada including our rights and responsibilities, civil law, criminal law, family law, children and youth law. The course covers Canadian legislation concerning First Peoples through study of the Truth and Reconciliation Commission and indigenous legal orders and traditional laws in Canada.

COMPARATIVE CULTURES 12

The study of the history, beliefs, economy and art of ancient civilizations. Students will choose at least three civilizations to study. Students will be able to define culture and how definitions have changed over time as well as the elements of culture and cultural expression, systems of power, authority and governance and the role of value systems and belief systems in the development of cultures.

HUMAN GEOGRAPHY 12

The study of the human interactions in a globally connected world using demographic patterns altered by physical and natural resources. The study of the relationship between First Peoples and the environment, global agricultural practices and industrialization and natural resources demands.

CONTEMPORARY INDIGENOUS STUDIES 12

The study of how identities, world views and languages of indigenous peoples are renewed, sustained and transformed through the connection to the land and how they are reclaiming mental, emotional, and spiritual well-being despite the continuing effects of colonialism.

Social Studies 12 courses are offered on an alternating two-year cycle so are available every other year

Cycle B (2021 – 2022)	Comparative Cultures 12	Contemporary Indigenous Studies 12
Cycle A (2022 – 2023)	Law Studies 12	Human Geography 12

HISTORY 12 (Video conference or EBus)

History 12 provides a forum in which students, using diverse methods of inquiry, will have the opportunity to form, test, and evaluate hypotheses concerning the forces, events, personalities, and institutions that have shaped the modern world. This course is highly interactive, putting a premium on classroom participation, debate, and critical responses to various texts and media. The course moves chronologically from World War One, World War Two, the Cold War through to the collapse of the USSR (but extends to modern issues of the 21st century as well).

PHYSICAL EDUCATION

PHYSICAL & HEALTH EDUCATION 8

This course is a "sample" course where the students are introduced to several basic movement activities and then apply them to various sports, both individual and team. Students are to show an understanding of the rules for both the games and the class routines and demonstrate sportsmanship and fair play. They are also introduced to basic anatomy and nutrition.

PHYSICAL & HEALTH EDUCATION 9

This course builds on the knowledge gained from Physical Education 8 with regard to concepts and strategies involved in playing the various sports. The students also show more involvement with planning and the conducting of warm up activities. Explain how changes to the body may affect performance of movement activities.

PHYSICAL & HEALTH EDUCATION 10

Here the students plan and maintain a fitness program. Explain how nutrition, fitness and physical activity affect the body and its ability to perform. Show an ability to perform all of the movements necessary to play several sports. Apply basic first aid. Show an understanding of offensive and defensive strategies. Students will be introduced to scorekeeping and officiating.

FITNESS AND CONDITIONING 11/12

The students take a leadership role at this level. They are in charge of their own fitness program that must demonstrate an understanding of all the fitness principles. They plan the warm-ups and the activities and must exhibit an ability to perform all of the necessary movements associated with them. They will show an understanding of how to set up and run an intramural league and also various forms of tournaments. They will properly score-keep and officiate.

INTERNATIONAL LANGUAGES

FRENCH 8

This is a first year introductory high school French course. Students are introduced to the language through conversations about everyday life and studying language and culture. Greeting and simple questions about every-day life are complimented with topics from the French culture in Canada.

FRENCH 9

Students will develop a comprehension of French through the use of a program which stresses the communicative approach. Through group and partner activities the students learn to communicate using the target language. Students will develop skills in listening, speaking, reading and writing. This program will also stimulate an interest in, and provide knowledge of, the cultures of Canada, France, and other French-speaking countries. The units taught are based on the interest of the students and may include: music, science, Mardi Gras, amusement parks and sports.

FRENCH 10
This is a continuation of the French 9 Program. Student will learn to read and listen for global comprehension. Through role-playing, real-life application and creative writing, students will become more competent with the recurring themes in this program. Students will use the French language in a variety of individual, partner and group activities. Theme examples include: film, fashion, publicity, weather and television shows.

FRENCH 11
This is a continuation of the French 10 Program. Students will continue to work on perfecting their performance in the four skill areas: listening, speaking, reading and writing with an emphasis on communication. Students continue to learn through the thematic approach. The units taught are based on student interest.

FRENCH 12
This is a continuation of the French 11 Program. In this subject, accuracy is emphasized in syntax and composition. The principles of communication and composition are taught in greater detail. The student will be able to analyze a literary piece such as a short story, play or poem.

APPLIED SKILLS

WOODWORK 8
This is a module designed to teach students, through hands-on experience in a shop environment, how to work with wood. The emphasis is on hand tools but some power tools, with shop and tools safety as a main focus. The course involves some drawing, drafting skills and building where students will have an opportunity to design and build a project.

WOODWORK 9/ 10
In the wood shop, students will use every piece of equipment. They will make a bowl using the wood lathe, and they will make a side table. Students will make choices for planning, drawing, and constructing a project along with learning the functions and role of portable and stationary power equipment and hand tools.

WOODWORK 11/12
Students must complete projects according to acceptable shop practices with a major consideration towards safe practices. Set projects will be assigned. If students wish to design and build their own ideas the amount of material must be equal to the set projects. If not students are responsible for the cost of the additional material including hardware.

METALWORK 9/10
In Metalwork 9 and Metalwork 10, students will learn to select metal appropriate for a project, then create projects that include skills such as precision measurement, cutting threads, precision grinding and methods for laying out, forming and joining metal. They will learn the start-up, shutdown, and handling procedures for compressed gas cylinders.

METALWORK 11/12
The theory part of the course will include machine and shop safety, material identification, properties of metals, welding theory- oxy-acetylene, arc, and gas shielded. Design theory will also be stressed.

AUTOMOTIVE TECHNOLOGY 11/12
Automotive 11/12 is a hands on and theory course and is designed to be 50% theory and 50% hands on. The student will learn automotive systems from the engine to the road. They will put that theory into practice by performing various tasks from fully tearing apart an engine and putting it back together to doing the simple tasks necessary to maintain an automobile. This will include brake and tire changing and balancing using the new equipment acquired for the shop. There is also an academic requirement that involves 4 technical reports with a focus on what will be encountered in the workplace. This is to give the students a chance to write with a technical voice and to help prepare them for any post-secondary training they may aspire to.

FOODS 8
This is a module for grade 8 students meant to expose them to basic safety, sanitation, and nutrition. Students develop skills and receive enjoyment from preparing and serving delicious and nutritious foods.

FOOD STUDIES 9/10

This course focuses on safety, sanitation, preparation techniques, ingredient function and nutrition based meal planning and preparation. Students develop skills and receive enjoyment from preparing and serving delicious and nutritious foods.

FOOD STUDIES 11/12

Food Studies 11 and 12 focus on expanding the student's knowledge about sanitation, nutrition and healthy lifestyle choices in relation to food and exercise. Students learn to manage time, energy and resource for the creation of appetizing main dishes. Students will gain more technical skills through frequent practice of culinary preparation of dishes.

INTERPERSONAL & FAMILY RELATIONSHIPS 11

This course focuses on the role of relationships in the life span of individuals. This includes relationships of all types, including the relationships within a community and culture. Family, community and personal relationships are explored as they develop and end, in both the context of healthy relationships and issues arising in relationships.

CHILD DEVELOPMENT AND CAREGIVING 12

Follow the development of children from pregnancy and birth to age 12. This course will cover theories of child development, cultural practices and childcare.

PSYCHOLOGY 11

Have you ever wondered why people have different personalities; what intelligence is and how it's measured; why one person is attracted to another; and why people dream and what dreams mean? Psychology 11 is an introductory course that will address some of the above questions and more. This course will introduce some history of psychological thought, theories of motivation, emotion and personality as well as human development, learning theory, and social psychology. It will allow students to explore some of these topics from a Western World's point of view to various cultures, including an Aboriginal's view. This course works best for students who have an interest in learning about themselves, who have good writing skills, and who have the motivation and self- discipline to work independently.

PSCYHOLOGY 12

Psychology 12 can be taken on its own or as a continuation of Psychology 11. It surveys the topics on history of psychological thought, research in psychology, developmental psychology, psychological disorders, methods of therapy, and neuroscience and biological foundations from a Western World's point of view to various cultures, including an Aboriginal's view. This course is best suited for students with strong writing skills and the self-motivation necessary to work well independently.

MEDIA ARTS 8

This is a module designed to introduce students to a wide range of computer uses. There are three key components to the course. Students will learn keyboarding skills, data and file management, and graphic design. It is expected that students will achieve a minimum of 30 wpm in touch-typing, create and save different types of files, and gain an understanding of how to use programs to hand in assignment work in different formats other than writing.

MEDIA TECH 10

Media Tech 10 is open to grade 9 students.

Students in this course will explore the ideas of Game Design using a variety of programs. Ideas of System thinking, problem solving, creating, collaborating and game design will all be discussed. Basic animation in Photoshop and Adobe Flash will get us going, and then we will use Blender to begin the creation of simple to complex video games. The final project will be a First Person Interaction Game with (2) game levels. This course will challenge everyone who takes it to use their brain in learning how to create a game from scratch. No previous knowledge is needed, but a strong will to explore and work hard to learn a different type of use of computers is needed. Don't take this course if you are not prepared to work hard and push yourself to find solutions to my game assignments. 😊

Note: Media Arts 10 is taught on a two-year cycle and not available every year. See table below for availability.

MEDIA DESIGN 10

Media Design 10 is open to grade 9 students.

This course focuses on the student's ability to explore computer graphics in as many different ways as possible. Although a good sense of computer knowledge will be a benefit, no real computer working knowledge is required. This graphics course includes the use of programs such as: Photoshop and Illustrator - which are keys to photo manipulation and graphic design, Premier - which is used to create clay-mation short videos, Green Screen movies, commercials and editing movies, and Blender – a program that allow students to create incredible 3D animations which will be printed on the 3D Printer. As well, students are taken through a very thorough Digital Photography Unit, which introduces students to digital cameras and the ideas of photography. All students must learn to take digital pictures, and manipulate them to a professional level. Student expectations are to have fun in this class, and come to every class prepared to work and learn new ideas. Every assignment that is given in the course is expected to be completed and YOU WILL BE STARRING in your own assignments! 😊

Note: Media Design 10 is taught on a two-year cycle and not available every year. See table for availability.

Art and Media 10 courses are offered on a two-year cycle, so are available every other year.

Cycle B (2021 – 2022)	Media Tech 10	Media Design 10
Cycle A (2022 – 2023)	Art Studio 10	Photography 10

MEDIA DESIGN 12

Media Design 12 is open to grade 11 students.

The Media Design 12 course focuses on the student's ability to further explore computer graphics or game design from the previous course. Media Design 10 is an essential prerequisite, and this graphics program expands on the programs used in it. Much more independent work on assignments is given, and students must be capable of working independently and in groups. As well, much more emphasis is given to larger assignments so that students who are working on digital design ideas, who are working on designing more complicated 3D projects for printing or for students spending more time on game development with programs like Unity have the time to really experiment and get involved in the process.. Student expectations are to have fun in this class, and come to every class prepared to work hard and learn. Every assignment that is given in the course is expected to be completed.

PHOTOGRAPHY 10

Photography 10 is open to grade 9 students.

This introduction to photography explores how to use a camera to express oneself in the world around us. It will include understanding how cameras work, using digital cameras to take photos, how to take great pictures, and how to create original and expressive photo essays through pictures. A desire to learn about photography and a keen sense of exploring this exciting art form is a must. Traditional 35mm cameras, developing film and historical views of photography from around the world will also be explored. Canon Digital Rebel XT cameras are supplied for students to use.

PHOTOGRAPHY 12

Photography 12 is open to grade 11 students.

This course continues to explore how to use a camera to express yourself. The primary focus will be on getting creative in your photos through a number of assignments. You will be asked to expand on your knowledge of your camera, and use this to become more creative in your pictures. Portrait photography, dark room pictures, picture framing, mat cutting, exposure compensation, and under/overexposed picture ideas will covered. Photography 11 is the prerequisite for this course. Canon Digital Rebel XT cameras are supplied for students to use.

ADST 9 / TECHNOLOGY EXPLORATIONS 10

This is project-based course for students to explore their creative expressions through fibre and traditional home crafts such as knitting and crochet. Students learn to design a project, make a prototype and adjust their method for a final product. All projects are student selected and may be brought from home.

STUDENT LEADERSHIP 10
Students in this class will be introduced to general leadership skills and theories. Students will explore the qualities of a positive and effective leader. They are expected to develop an understanding of their individual leadership and teambuilding styles. They study and practice a variety of planning and management skills such as goal-setting, decision making and time management skills. Communication skills are also part of this course. Students will be expected to participate in school events.

STUDENT LEADERSHIP 11
This is a continuation of the leadership 10 program. Students will continue to develop their leadership and communication skills through a variety of activities and exercises. Problem solving and conflict resolution skills are introduced and practiced. There is an increasing emphasis on the student's ability to organize, develop, implement and evaluate school projects and events. Students are expected to coordinate a school event.

STUDENT LEADERSHIP 12
The purpose of this leadership class is to make FLESS a more enjoyable place to learn. Students will continue to develop their skills in the areas of communication, team building, problem solving, conflict resolution with a major emphasis on planning, organizing and publicizing charitable fundraisers and various school events. Leadership 12 will require participation in and planning of group activities in each term. Depending on the student's timetable, this course may be a yearlong course meeting outside of the regular timetable.

TUTORING 11
A service course designed to aid the teacher, the tutor and the students receiving tutoring service. Tutors work in a classroom with students in grade 9 or lower. Students enrolling in Tutoring 11 are expected to have at least a C+ average and excellent attendance in the previous semester. Tutors are expected to be in attendance each day, to write and hand in weekly journals and complete a series of written assignments in each term. In second term, in addition to a weekly assignment, Tutors are expected to complete a major project. The first two weeks of Tutoring are spent with the Tutoring instructor completing activities, which develop an awareness of self and skills in dealing with others.

TUTORING 12 *Pre-requisite of 70% or greater in Tutoring 11.*
This course is a continuation of Tutoring 11. Tutors will expand their skills and broaden their knowledge by assisting a teacher and younger students. Students enrolling in Tutoring must have met all the requirements of Tutoring 11. Tutors are expected to write and hand in weekly reports throughout the semester. In term one there are a series of written assignments to complete as well as classroom observations. In term two Tutors are expected to independently teach a group of students a lesson. There is a summative final project.

FINE ARTS

ARTS EDUCATION 8
The Art 8 course focuses on the student's ability to explore art in as many different ways as possible. Fundamentals of drawing, painting, design, and sculpture areas are all studied to give the student a good look at what art is about. Some art history is introduced with each unit as well. Student expectations are to HAVE FUN in this class, and come to every class prepared to work and learn. Every assignment that is given in the course is expected to be completed!

ART STUDIO 10
Art Studio 10 is open to grade 9 students.
Art Studio 10 students learn how to use art elements such as line, shape, space, texture, colour, form and value and principles such as pattern, repetition, balance, contrast and emphasis to create mood and convey ideas. Students create a personal narrative as a means of representing self-perception and identity in artistic works. This course is open to grade 9 students.
Note: Art Studio 10 is taught on a two-year cycle and not available every year. See table above for availability.

ART STUDIO 11/12

The Art Foundations 11/12 course focuses on the student's ability to express themselves in as many different media types as possible. Students work on class projects in drawing, painting, sculpting, ceramics, and printmaking to name a few. With each assignment, students must choose a media type from the ones in the assignment to create original art works. Art history is a fundamental to this class, and students must be able to examine art and artists to figure out styles and reasons for their type of art. Time is spent on independent focus and study, so students must show a lot of maturity towards this class. Student expectations are to have fun in this class, and come to every class prepared to work and learn. Every assignment that is given in the course is expected to be completed!

CONTEMPORARY MUSIC 10

Contemporary Music 10 is open to grade 9 students.

Students in contemporary music will explore music as a process that relies on the interplay of the senses. They will recognize that growth as a musician requires perseverance, resilience and reflection. Music offers unique ways of exploring our identity and sense of belonging and the individual and collective expression is rooted in history, culture, and community.

CAREER EDUCATION

CAREER LIFE EXPLORATIONS 10

Career Life Education10 provides relevant and experiential learning opportunities, helping students relate their learning in school to the demands of the working world and the expectations of society. It is a required course for graduation.

CAREER LIFE CONNECTIONS 12

This course is offered at FLESS in two 2-credit parts. In grade 11, students complete the first two credits by connecting their school learning to plans for their future. In grade 12, students are enrolled in the final two credits and provided with information, which they work through independently to develop a capstone project, which is presented to a panel of community members.

COMMUNITY SERVICE 11

This course encourages students to view themselves as community members, encompassing the school, town or neighbourhood. Learning will focus on the value of citizenship and service. By providing service, students will have the opportunity to experience the sense of contribution and see how their service makes a difference to those receiving their services.

Approval necessary to take this course.

WORK EXPERIENCE 12

This course is designed to give the students opportunities to experience the world of work through a number of experiences. Job placements, volunteer activities and special District Projects such as Project Agriculture, Project Heavy Duty, Project Forest Management and Junior Initial Attack can form part of the program. Students are expected to complete a safety orientation, do the WHMIS certificate computer program, complete a resume and write a cover letter as part of the course requirements. 120 hours of work experience is required, 60 of which much be arranged through the career coordinator. Challenge hours from paid employment can also be used for a portion of this course.

ENTREPREUNERSHIP 12

This course is on a linear schedule so it will pair with a distance-learning course or an independent directed study. It is delivered in partnership with YELL Canada, a charity that creates opportunities traditionally not available for youth. Learn from guest speakers, entrepreneurs and community leaders to create an innovative and world-changing business concept. Topics include the business model canvas, design thinking, dealing with rejection and failure, how to make a business pitch, and finance and venture capital.

STUDENT SUPPORT

ALTERNATE LEARNING CLASSES

Sometimes, students may take a class through an alternate learning environment. Students must have adequate reading and writing skills, along with the desire to learn independently to be successful in an alternate learning environment. Curriculum is delivered through self-paced packages.

LIFE SKILLS

Life Skills courses support students with generalized learning difficulties with specific skills development and appropriate mainstream integration. They offer functional academic programming (numeracy and literacy), life skills, and elective preparation. Courses in this program are not for graduation credit, but are selected on the basis of individual strengths and needs with student progress monitored through IEP development. Program enrolment generally results in an Evergreen Certificate. Students are placed in this program with consultation between students, parents and the school and SD91 Student Support Services.

SECONDARY LEARNING SUPPORT – RTI (Response to Intervention)

Secondary learning support provides a range of academic support for students enrolled in mainstream courses. Students may receive intense short-term intervention support or longer, program entry which is determined through a school-based team referral or by parent request.

SUPPORT BLOCK DL

Students who are taking a course through EBus or another Distance Learning school will register for a distance learning (DL) support block to which they report daily and are required to work on their DL course in the support room. Permission is required to take a course through distance learning.

STUDY BLOCK 12

Students in grade 12 are eligible for an unsupervised study block. There is an application for this privilege.