

# **Grand Forks Secondary School**



## **Course Selection Handbook**

**2024-2025**

# ***TABLE OF CONTENTS***

<b>Administrative Message .....</b>	<b>Page 3</b>
<b>Student Services .....</b>	<b>Page 4</b>
<b>Learning Assistance &amp; Learning Resource Center.....</b>	<b>Page 5</b>
<b>English .....</b>	<b>Page 6</b>
<b>Social Studies .....</b>	<b>Page 7-8</b>
<b>Mathematics .....</b>	<b>Page 9-11</b>
<b>Science .....</b>	<b>Page 12-13</b>
<b>Physical Education .....</b>	<b>Page 14</b>
<b>Second Language .....</b>	<b>Page 15</b>
<b>Applied Skills</b>	
Home Economics .....	Page 116
Industrial Education .....	Page 17-18
<b>Fine Arts</b>	
Visual Arts .....	Page 19
Performing Arts .....	Page 20
<b>Leadership Courses</b>	
Outdoor Ed; Tutoring; Peer Counselling .....	Page 21
<b>Individual Pursuits</b>	
Independent Studies; Moodle .....	Page 21
<b>Career Preparation</b>	
Career Life Education; Work Experience; Youth Work in Trades; Youth Train in Trades; Fire suppression; Pathways; Career Life Connections..	Page 22-23
<b>Other Programs</b>	
Indigenous Education; Bike & Board Shop; .....	Page 23
<b>Graduation Requirements .....</b>	<b>Page 24-25</b>

## ***ADMINISTRATION MESSAGE***

This 2024-2025 Course Selection Booklet is the product of numerous hours of organization by Grand Forks Secondary School staff. **PLEASE READ THIS BOOKLET CAREFULLY** before you begin to complete the course selection registration process. This information will help you plan your future years at GFSS.

GFSS will be offering courses in a semester/linear timetable where some courses will be taken year long while others may be offered in only one semester. **One study block/year is available to Grade 12 students only.**

If a student wishes to take a course online, they have two options. GFSS offers a complete line up of courses using the Moodle platform. These courses can be accessed through the SD 51 Moodle link on the GFSS website. These courses are taken through the DLC and are supported by a teacher at GFSS. Moodle courses can be used to help students access courses they have been unable to get due to timetable conflicts or courses that are unavailable within the timetable. Students taking these online options, should have arranged these courses before the beginning of the semester. To be successful with these courses, students must be self-motivated and independent learners. If students do not meet these requirements they may be denied these courses.

Students can also choose to take courses through other online schools in B.C. Courses taken through another district are the student's responsibility and grades are not reported by GFSS. These students must provide their own laptops. We will be scheduling these courses into the timetable and the student will be expected to report to the assigned class for attendance or leave the property under parental supervision. Students are responsible for reporting their progress to counsellors if they choose to take an online course through another district.

Please select your courses carefully and ensure your choices are at grade level unless you have permission an administrator to take a course at the next grade level. This exception may be granted to students who have demonstrated a high level of success in a lower level class.

Students should also be aware that classes fill up on a first come first serve basis. Once classes are full, changes will be limited so choose carefully.

Parents are encouraged to become involved in the course selection process with their son/daughter by attending our grade information sessions which will be posted on the school website and Facebook page. At these sessions, the principal and counsellors will be available to answer any questions on course selection for the 2023-2024 year. Appointments with counsellors can be made by contacting the GFSS office @ 250 442-8285 if you wish to ask further questions.

According to current graduation requirements, upon entering Grade 10, students will begin to accumulate credits towards their graduation. For a complete list of graduation requirements please see pg. 25-26 of this handbook or go to the following link: <https://www2.gov.bc.ca/gov/content/education-training/k-12/support/graduation>

Please be advised that these requirements continue to change. At this time, in their senior year students will be required to complete Career Life Connections with a final Capstone project.

Students who are interested in starting an apprenticeship or taking other trade/college offerings should contact Mr. McKaig. For more information on these options and other certifications available to students, please see pg. 23-24 of this handbook.

GOOD PLANNING & ORGANIZATION are the keys to a successful course selection process. Counsellors and Administrators are available to assist you in this process and will answer any questions that you may have. Students entering Grade 10, 11 and 12 must ensure that all graduation requirements and any necessary Post-Secondary Institution requirements will be met with your course selection choices.

## ***STUDENT SERVICES***

**Mrs. Terry-Ann Webster: Counsellor/Student Services**

**Mr. Jamie McKaig: Career Prep Coordinator/Student Services**

The Counsellors' offices are located across the hall from the staff room on the main floor. GFSS Counsellors have made course selections and student programming one of their prime concerns. If you have a question or problem, please do not hesitate to take advantage of this service. Counsellors also have University and College calendars, apprenticeship program brochures and other materials to help you with your decision making.

GFSS Counsellors are also capable of dealing with personal problems that teenagers face today. Whether you need immediate help or just a friendly ear, you are urged to take advantage of these student services.

Many of you are not settled on a vocation yet. This is quite natural. If any student or parent would like more information concerning programs and courses at Grand Forks Secondary, please phone and ask for a Counsellor.

### **Points Worthy of Special Note:**

- \* While your main concern is selecting courses for next year, do not neglect projecting plans through your Grad year as well.
  - \* The fact that a course name is listed in this book- let does not guarantee it will be offered in the timetable during the next school year. Courses with low enrolment requests may not be scheduled.
  - \* Students in Gr. 12 may be able to take **one study block during their graduation year, but there is an application process prior to receiving these** (see Mrs. Webster or Mr. McKaig for these forms). The rationale behind this is that staff members find students are actually more successful with fewer study blocks.
- 
- \* There will be a **deadline** for dropping courses. One week after the first semester begins and two days after the second semester begins, timetables will NOT be changed. If a change needs to be made after these times, there is a process in place.

## ***LEARNING ASSISTANCE AND LEARNING RESOURCE CENTRE***

**Mrs. Dawna Small: Special Education Teacher**

**Mrs. Jessica Erixon: Learning Assistance Teacher**

**Mrs. Rachel Jonat: Learning Assistance Teacher**

**Mrs. Erin Mills: Learning Assistance Teacher**

Students on an adapted program will receive supports through the learning assistance teachers. These students will have an IEP that outlines what adaptations will be needed to be successful in the classroom. Learning Assistance teachers will work one on one with teachers and the students within the regular classroom environment. Students on an adapted program will be working towards a regular graduation program (a Dogwood). Any extra support or alternate pursuits will need to go through a school-based team meeting.

The Learning Assistance Center is a student service provided at Grand Forks Secondary School. Students entering this program often need help with basic skills as well as support with regular subjects. The study of life skills, community integration and learning strategies are emphasized. Students with assessed learning needs will be provided with appropriate adaptations in the regular classroom. If a student with special needs cannot achieve the learning outcomes for a course on an adapted program, then parents and administration will be consulted regarding placement on a modified program. Students placed on a modified program will graduate with an Evergreen (School Leaving Certificate) rather than a Dogwood (Secondary School Graduation Diploma).

## ***LIBRARY***

The Library contains resources and books and is open throughout the year for students taking courses in a variety of formats. Students can access computers and library resources throughout the day and may be scheduled here on a block basis for courses being taken through Moodle.

# ENGLISH

**English 8**

**English 9**

**English 10**

**English First Peoples 11**

**English Studies 12** (Literacy Assessment)

**Creative Writing 12**

## English 10

For grade 10, the course has been broken into Composition (2 credits) and Literary Studies (2 credits).

**Composition (MCMPS10/MCMPS11):** Students will read and study compositions by other writers and consider a variety of styles as models for the development of their own writing. Students will study, create and write original pieces, exploring audience and purpose.

**Literary Studies (MLTST10/MLTST11):** Students delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works. Possible genre-specific studies include poetry, short stories, novels, drama, graphic novels, or children’s literature.

## English First Peoples 11

Pre-requisite: English 10 or First Peoples English 10

English First Peoples 11 is designed to develop the language and literacy skills necessary to prepare students for English 12. The course focuses on texts that represent authentic First People’s voices and follows classroom practices in accordance with the First Peoples Principles of Learning. This course satisfies both the English 11 graduation requirement as well as the new Indigenous graduation requirement.

## English Studies 12 (MENST12)

Pre-requisite: Completion of English 11

English 12 is one of the final compulsory English courses. It will include an exploration of a variety of all forms of communication (written, visual, spoken).

## Creative Writing 12 (MCTW-12)

Pre-requisite: Completion of English 11

This course is for students who have a passion for writing (and reading) and would like a chance to skill-build, share work and build a portfolio. Different genres will be covered, with a focus on student-choice, “real life” writing (such as eulogies, speeches, memoirs etc.) and the art of “revision”. Looking at diverse writing styles and exploring various authors and poets will also be a core component; often we learn best when we have great models!

## SOCIAL STUDIES

Social Studies 8  
Social Studies 9  
Social Studies 10

BC First Peoples 12  
Physical Geography 12  
20<sup>th</sup> Century World History 12

Comparative Cultures 12  
Law Studies 12  
Social Justice 12

### ATTENTION ALL STUDENTS:

Everyone must take **at least one** of the following courses to meet the graduation requirements:

#### **BC FIRST PEOPLES (MBCFP12)**     *Pre-requisite: Social Studies 10*

BC First Peoples 12 is a course designed to provide students with a deeper understanding of Indigenous history, culture and traditional practices in our province. Students will study the impact of contact and colonialism as well as efforts to seek self-government and self-determination. They will be encouraged to think critically by examining different perspectives and make reasoned ethical judgments about past and present actions. Music, dancing and storytelling will be explored as important cultural practices. Hands-on learning through field trips, speakers, etc. will ideally be an important part of the course as well. This course satisfies the Social Studies 11 graduation requirement.

#### **PHYSICAL GEOGRAPHY 12 (MPGEO12)**     *Pre-requisite: Social Studies 10*

Geography 12 has three “curriculum organizers”: The Nature of Geography, Systems of the Earth and Resources of the Earth. The Nature of Geography covers themes, systems and skills. Systems of the Earth includes weather, climate, tectonic processes and graduation processes. Resources of the Earth examines the nature of resources, management of resources and sustainability of resources. Geography 12 develops an understanding of how geography can assist in daily decision making and long-term planning for individuals, communities, businesses and all levels of government. **This course would be for any students interested in going into careers in the resource industry (for example forestry, mining, water system management etc.)** This course satisfies the Social Studies 11 graduation requirement.

#### **20<sup>th</sup> C. WORLD HISTORY 12 (MWH--12)**     *Pre-requisite: Social Studies 10 (preference given to gr. 12's)*

History 12 is a senior social studies course that deals with the political and social history of the 20<sup>th</sup> century. Topics include the two world wars, the Russian Revolution, the rise of totalitarian regimes (eg. Nazi Germany, Fascist Italy, Stalinist Russia), the Great Depression, the Cold War Era and its “hot spots” Korea, Cuba, Vietnam, China and the Middle East. These topics are studied in the context of such major themes as nationalism, internationalism, imperialism, communism and capitalism.

This course will provide students with the necessary background to understand the current world situation and the major issues of our day. It is also excellent for students who plan future studies in history, geography, political science, law, economics or any of the social sciences. This course satisfies the Social Studies 11 graduation requirement.

#### **COMPARATIVE CULTURES 12 (MCMCL12)**     *Pre-requisite: Social Studies 10*

Comparative Cultures 12 is an interesting course which provides opportunities for students to study and compare various world cultures and civilizations and to foster awareness of the contributions made by these civilizations. Possible areas of investigation include: Origins of Humans, Mesopotamia, Ancient Egypt, Ancient Greece and Rome, Early Islamic civilizations, Asian civilizations (China and Japan), Meso-America (Aztec, Inca, Maya). Comparative Cultures 12 will allow students to broaden their perspectives in order to think and act as world citizens.

This course satisfies the Social Studies 11 graduation requirement.

## **LAW STUDIES 12 (MLST12)**     *Pre-requisite: Social Studies 10*

The Law 12 curriculum is designed to provide students with a broad knowledge of the law. The legal principle “ignorance of the law is no excuse” illustrates the importance of this course. It is hoped that legally literate individuals will be equipped to become thoughtful, critical thinkers in our democratic society. This course satisfies the Social Studies 11 graduation requirement. The Law 12 curriculum is divided into three tentative units covering the following range of topics:

***Human Rights*** – This unit explores the historical role law has played for centuries and how it affects our Canadian legal system. It also includes an in depth study of the Charter of Human Rights and Freedoms - Canadian and International; primarily focussing on how it applies to our current legal system, as well as the changes it has embraced over the years.

***Criminal Law*** – This unit deals with crimes against society and includes researching and presenting a Criminal Case as well as being a part of a Criminal Mock Trial

***Civil Law*** – This unit deals with civilian laws including Tort, Family, Contract and Employment Law.

## **SOCIAL JUSTICE 12 (MSJ--12 )**     *Pre-requisite: Social Studies 10*

Social Justice 12 is designed to increase awareness of social justice issues relating to poverty, racism, sexism, homophobia, globalization, and Indigenous peoples. Students will be encouraged to think critically about historical and current issues in order to engage in analysis and debate. Students will have the opportunity to pick specific issues to focus on and develop personal action plans in areas they feel passionate about. This course will be participatory and discussion based. The nature of the class will require a respectful learning environment tolerant of diverse viewpoints. This course will satisfy the Social Studies 11 requirement.

## **PSYCHOLOGY 12 (YPSYC2A)**     *Pre-requisite: Social Studies 10 and English 10*

Psychology 12 explores the complexity of human behaviour by examining how biology, environment, community and experience all play a role in shaping who we are. **NOTE:** This course **does not** satisfy the Social Studies grad requirement. The course is divided into four units:

1. the brain, learning and memory
2. child psychology
3. adolescent psychology
4. addiction

Students will learn about the brain and its development, make connections between biology and psychology, and sharpen their own insight into human behaviour, with a focus on the importance of human connection as an essential component of mental health and overall well-being.



# MATHEMATICS

Mathematics 8 / Numeracy 8  
Mathematics 9 / Numeracy 9  
Workplace Math 10  
Foundations and Pre-Calculus 10

Workplace Math 11  
Foundations of Math 11  
Pre-Calculus 11

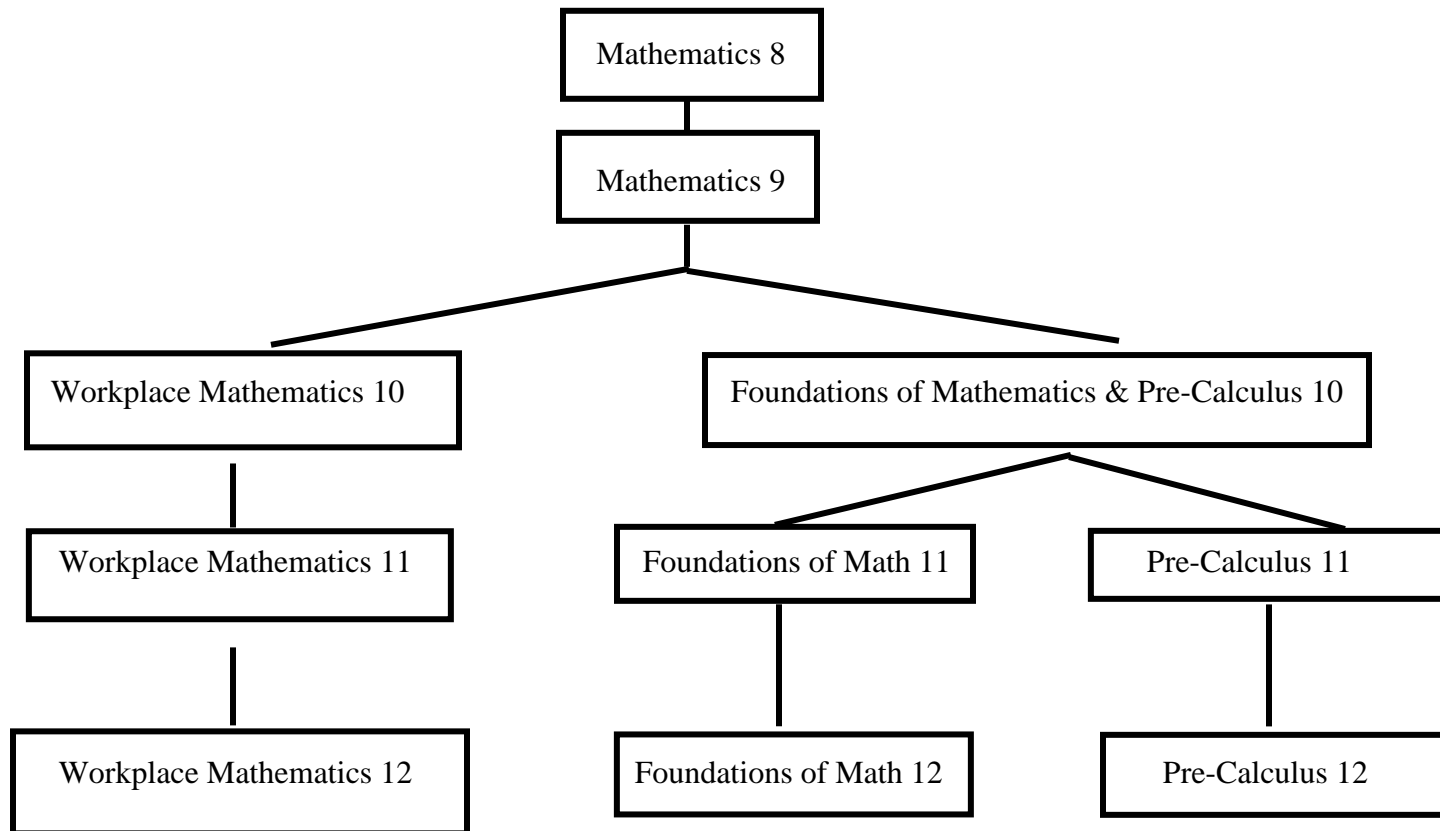
Foundation of Math 12  
Pre-Calculus 12  
Calculus 12

## *All students enrol in Mathematics 8 & Mathematics 9*

If you are uncertain which path you should enrol in, see a counsellor BEFORE making any decisions.

In the Grade 10 year, students will take a provincial *Numeracy Assessment*, which must be completed in order to meet Graduation requirements.

## *Mathematic Pathways*



## Workplace Math

This path is for students who intend to pursue a trade or technical job after high school or intend to enter the workforce right after high school. The program is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post-secondary institutions and for direct entry into the work force. Topics will include algebra, geometry, measurement, numbers, statistics and probability.

## Foundations of Math and Pre-Calculus Math

This path is for students who intend to pursue further studies at post-secondary institutions. At the Grade 10 level all students who choose this path will enrol in a Common Grade 10 course called Foundations & Pre-Calculus Math 10, once this course is successfully completed you will have a choice of Foundations of Math 11 or Pre-Calculus 11.

### **WORKPLACE MATH 10 (MWPM-10)**      *Pre-requisite: Mathematics 9 or Numeracy 9*

**Students will be expected to demonstrate an understanding of the following topics:** The Metric System (System Internationale, SI) and Imperial System of measurement; Area of 2D shape and surface area of 3D shapes; Pythagorean Theory; Angle measures of Polygons; Primary Trigonometric Ratios; Angular Geometry; Unit pricing, currency exchange and income problems; Manipulation and application formulas.

### **FOUNDATIONS OF MATH & PRE-CALCULUS 10 (MFMP-10)**      *Pre-requisite: Mathematics 9*

**Students will be expected to demonstrate an understanding of the following topics:** Problems involving SI and Imperial units of measure; Surface area and Volume of 3D objects; Prime factors, GCF, LCM, square and cube roots of whole numbers; Understanding irrational numbers; Powers of integral and rational exponents; Multiplication and factoring of polynomial expressions; Interpret and understand relations and functions; Describe, represent, determine characteristics of linear relations; Relate linear relations in slope-intercept, slope-point and general form; Determine the equation of linear relations; Solve linear systems in 2 variables.

### **WORKPLACE MATH 11 (MAWM-11)**      *Pre-requisite: Workplace Math 10*

**Students will be expected to demonstrate an understanding of the following topics:** Problems involving SI and Imperial units in surface area, volume and capacity measures; Problems involving 2 and 3 right triangles and scale; Model and draw 3D objects; Analyze puzzles and games involving numerical reasoning; Problems involving personal budgets, compound interest, finances, credit options; Manipulation of formula; Proportional reasoning and unit analysis; Create and interpret graphs.

### **FOUNDATIONS OF MATH 11 (MFOM-11)**      *Pre-requisite: Foundations of Math and Pre-Calculus 10*

*This is for students who intend to pursue further studies in the Social Sciences, Economics, Geography, Psychology, Arts or Humanities at a post-secondary school. These programs do not require Calculus.*

**Students will be expected to demonstrate an understanding of the following topics:** Solve problems involving rate, scale diagrams, scale factor, area, surface area and volume; Derive proofs and solve problems involving angles and triangles; Solve problems involving the Sine and Cosine Laws; Analyze and prove conjectures; Analyze puzzles and games involving spatial reasoning; Normal distribution, standard deviation and z-scores; Interpret statistical data; Systems of linear inequalities in 2 variables; Quadratic functions.

**PRE-CALCULUS 11 (MPREC11)***Pre-requisite: Foundations of Math and Pre-Calculus 10*

*This course is for students who intend to pursue future education or a career that involves Sciences or Engineering at a university. These programs require Calculus.*

**Students will be expected to demonstrate an understanding of the following topics:** Absolute values involving real numbers and functions; Solve problems involving radicals and rational expressions; Standard position angles; Three primary trig ratios as well as the Sine and Cosine Laws; Factor polynomial expressions; Analyze quadratic functions; Systems of equations and inequalities involving linear-quadratic and quadratic-quadratic equations; Graphs of reciprocal functions.

**FOUNDATIONS OF MATH 12 (MFOM-12)***Pre-requisite: Foundations Math 11*

*This course is designed for students who will be pursuing a post-secondary education and will be pursuing a course in the Arts or Social Sciences, which does not put an emphasis on mathematics.*

**Students will be expected to demonstrate an understanding of the following topics:** Financial mathematics (investing); Logical reasoning (puzzles & formal logic); Probability, relations & functions.

**PRE-CALCULUS 12 (MPREC12)***Pre-requisite: Pre-Calculus 11*

*This course is designed for students who will be pursuing a post-secondary education and will be required to have a strong mathematical background for future studies in the fields of science, engineering, electronics, computer studies, economics and some business courses.*

**Students will be expected to demonstrate an understanding of the following topics:** Transformations; Trigonometry; Radical, polynomial, exponential, logarithmic and rational functions; Permutations; combinations and binomial theorem.

**CALCULUS 12 (MCALC12)***Pre-requisite: Pre-Calculus 12*

Calculus 12 is a locally developed course to provide students who plan to study Math, Sciences or Engineering in a post-secondary school with some calculus background to assist them with their first year of study. This course is meant as a preview to a first year Calculus course and will cover most of first year differential calculus and some integral calculus. This is **NOT** an advanced placement course and cannot be used for university credit. This course will only run if sufficient numbers of students enrol in the program.

## SCIENCE

Science 8  
Science 9  
Science 10

Life Sciences 11  
Chemistry 11  
Physics 11  
Science for Citizens 11  
Environmental Science 11

Anatomy & Physiology 12  
Chemistry 12  
Physics 12

During the five years at GFSS, students are exposed to science, they explore the basic disciplines of Biology, Chemistry, Earth Science and Physics, in order to acquire a basic understanding of the physical and living world they inhabit. The students will examine concepts and ideas in the following areas, through each year, until they have grasped a basic understanding of the world around them: astronomy, matter, ecology and the environment, and energy and life building.

### **LIFE SCIENCES 11 (MLFSC11)**      *Pre-requisite: Science 10*

Life Sciences 11 is a survey course of the major topics in Biology. The students investigate using the scientific approach, how life, including man, interacts with the environment, the amazing diversity of living things around us and theories as to how life may have arrived here. Lab activities explore the environment and the variety of life in it.

### **ANATOMY AND PHYSIOLOGY 12 (MATPH12)**      *Pre-requisite: Life Sciences 11* *Recommended: Chemistry 11*

Anatomy & Physiology 12 concentrates on the human body, cell biology and biochemistry. An excellent program for students seriously interested in the world of the living.

### **CHEMISTRY 11 (MCH--11)**      *Pre-requisite: Science 10 and Foundations/Pre-Cal 10*

Chemistry 11 is an introductory course intended to provide students with a strong foundation in the language, the skills and the understanding of topics central to the study of matter.

#### **Core units:**

1. Measurement and Communication
2. Properties of Matter
3. Atomic Structure and the Periodic Table
4. Qualitative/Quantitative changes in Chemical Reactions
5. Solution Chemistry
6. Organic Chemistry

### **CHEMISTRY 12 (MCH--12)**      *Pre-requisite: Chemistry 11 with a C+ or better strongly recommended.* *Recommended: Pre-Calculus 11*

***This course is designed for students who will be pursuing a post-secondary education and will be required to have a strong chemical background for future studies in the fields of science and engineering.***

Chemistry 12 focuses on the dynamics of reactions in three areas of chemistry: the study of solutions, acids and bases and electrochemistry.

#### **Core units:**

1. Reaction Kinetics
2. Equilibrium
3. Solubility
4. Acids, Bases and Salts
5. Oxidation – Reduction

**PHYSICS 11 (MPH--11)**     *Pre-requisite: Science 10 & Foundations/Pre-Cal 10*

*Recommended: Foundations or Pre-Cal 11*

The course is intended to provide insight into the scope nature, relevance and limitations of physics in order that the students may better understand and cope with our complex society. Physics 11 is a self-contained course that relates well to other aspects of the student's general education. It consists of the following:

**Core units:**

1. The study of motion in One Dimension: Kinematics, Dynamics and a brief exposure to Special Relativity
2. Energy: Mechanical Energy, Heat Energy, Electrical Energy and Nuclear Energy
3. Waves and Photon: Transmission of Energy and Wave Phenomena

**PHYSICS 12 (MPH--12)**     *Pre-requisite: Physics 11 & Foundations or Pre-Cal 11*

*Recommended: Foundations or Pre-Cal 12*

This course is an extension of Physics 11. It is intended to provide students with a grounding in the discipline of physics. The treatment of core topics is mathematically more rigorous than Physics 11.

The student should therefore possess an appropriate background in senior level mathematics. **Students who plan to continue in science and engineering fields should take both Physics 11 and Physics 12.**

**Core units:**

1. Vectors
2. Motion in Two Dimensions
3. Universal Gravitation
4. Electrical Charges and Currents
5. Electromagnetism

**SCIENCE FOR CITIZENS 11 (MSCCT11)**     *Pre-requisite: Science 10*

This is adapted Science course that explores topics of relevance to everyday citizens. Students will explore a variety of topics connected to Earth Science, Biology, Chemistry, and Physics. Topics of study include plate tectonics, body systems, radiation, WHMIS, and forensic science. Enrolment in Science for Citizens 11 is subject to teacher recommendation.

**ENVIRONMENTAL SCIENCE 11 (MEVSC11)**     *Pre-requisite: Science 10*

Environmental Science 11 explores the relationship between ecosystems and human populations. This program is intended for students with a passion for environmental issues, sustainability and stewardship.

**Core units:**

- |                   |                 |                       |
|-------------------|-----------------|-----------------------|
| 1. Ecosystems     | 2. Biodiversity | 3. Ecosystem Services |
| 4. Sustainability | 5. Conservation |                       |

# PHYSICAL EDUCATION

Physical and Health Education 8  
Physical and Health Education 9  
Physical and Health Education 10

Fitness for Life 10-12  
Active Living 11 & 12  
Fitness & Conditioning 11 & 12  
Outdoor Education 11-12

## PHYSICAL AND HEALTH EDUCATION 10 (MPHED10)

This program offers students continued participation in a wide variety of team and individual pursuits. Health and wellness incorporates more than just the physical aspect of our lives and as such there will be classwork addressing some of these topics. Due to the participation nature of this course, regular attendance and active involvement is expected.

## PHYSICAL AND HEALTH EDUCATION 10 (MPHED10FIT)

*Formerly known as Fit for Life (this course is open to gr.10-12's)*

Students will experience a wide variety of fitness & recreation activities. These activities may include yoga, weight training, cardiovascular activities, aerobics, jazzercise, cycling and power walking. Students will design & implement plans to promote healthy living. Students will gain knowledge on exercise components, nutrition, stress management and well-being.

## ACTIVE LIVING 11 & 12 (MACLV11 & MACLV12) *Pre-requisite: PHE 10 ("B" is recommended)*

*Formerly known as PE 11/12*

The objective of this course is to develop student understanding that physical activity is an important part of overall health and well-being. Students will have the opportunity to take part in a variety of physical activities and environments. It is expected that participating students demonstrate responsibility and leadership.

## FITNESS AND CONDITIONING 11-12 (MFTCD11, MFTCD12) *Pre-requisite: PHE 10 ("B" is recommended)*

*Formerly known as Strength and Conditioning*

These courses are for those students wanting a more comprehensive course in modern fitness and conditioning principles. It will allow students to develop an individual program based on their specific training needs in different sports and activities. Students will learn new and more complex principles in such techniques as weight training, plyometrics, agility, balance training and energy system usage and apply these to a self-designed program tailored to their specific needs. Students will also have a chance to apply concepts in sport psychology and nutrition to augment their physical training regime. Students will be asked to keep a detailed log book recording their physical training.

## OUTDOOR EDUCATION 11-12 (MODED11; MODED12) *Pre-requisite: PHE 10*

Students will develop a strong set of outdoor leadership skills and will have opportunities to practice refining these skills. Students will lead initiatives for their fellow students, community groups, and elementary students. Examples of activities they will lead include building shelters, camping, hiking, snowshoeing, cross-country skiing, mountain biking, canoeing, animal tracking, fire building, geocaching, gardening etc. The course will include student-driven projects (e.g. Building a trail system, refurbishing a cabin, creating a waterfowl habitat) that are designed and implemented by students individually or in small groups.

## SECOND LANGUAGES

**French 8**

**French 9**

**French 10**

**French 11**

**French 12**

### **FRENCH 9 (MFR--09)**      *Pre-requisite: French 8*

French 9 builds on the skills learned in French 8, offering a balanced approach of the four components: listening, speaking, reading and writing. Students are encouraged to expand their vocabulary and to increase their working knowledge of French by participating in a variety of real life scenarios. Cultural comparisons are explored.

### **FRENCH 10 (MFR--10)**      *Pre-requisite: French 9*

In French 10 students continue to improve their ability to speak, understand, read and write French. Students are taught a variety of language acquisition strategies and are encouraged to take risks in expressing themselves. Cultural explorations continue.

### **FRENCH 11 (MFR--11)**      *Pre-requisite: French 10*

As in previous levels, French 11 is based on a balance of listening, speaking, reading and writing. Students will increase the scope of their comprehension skills and will expand and refine their ability to communicate. Cultural context are frequently used. French 11 meets the minimum second language requirement for admission to many university programs. Please consult the Counselling department for details on specific university pre-requisites.

### **FRENCH 12 (MFR--12)**      *Pre-requisite: French 11*

French 12 is a continuation of French 11 and increases the student's ability to speak, understand, read and write in target language. Themes and units of study in French 12 are designed to relate to the experience of graduation from high school. These themes include art and artists, travel, well being, graduation ceremony and "facing the future". In this course we will further study regular and irregular verbs, new tenses, and other grammatical structures. However the focus is the exposure to French culture, family life and Francophone regions of the world.

## **APPLIED SKILLS (*Home Economics*)**

**Food Studies 8**

**Food Studies 9**

**Food Studies 10**

**Food Studies 11**

**Food Studies 12**

**Culinary Studies 10-12**

**Textile Studies 9 & 10**

**Textile Studies 11**

**Textile Studies 12**

### **FOOD STUDIES 9 & 10 (MFOOD10)**     *Pre-requisite: None*

Supplies needed: 3 ring binder or duo-tang, writing materials.

This course offers the opportunity to continue your study of food and nutrition which you began in grade 9. Topics include kitchen safety and sanitation, safe food preparation, and proper measurement techniques. Students will become proficient at reading and following recipes and making adaptations. A variety of cooking methods will be used to make tasty and nutritious dishes for breakfast, lunch and dinner. Topics in nutrition and healthy lifestyle will also be covered.

### **FOOD STUDIES 11 and 12 (MFOOD11; MFOOD12)**     *Pre-requisite: None*

Supplies needed: 3 ring binder or duo-tang, writing materials.

In this course students will further develop knowledge, skills and attitudes necessary to use a variety of techniques to prepare nutritious, tasty and attractive foods. Recipes will have a higher level of complexity than those taught in Foods 9 & 10. Students will gain knowledge relevant to foods and nutrition topics and apply the principles to their own food preparation. The course offers the opportunity to explore global issues related to food production and consumption. While cooking a variety of international dishes, students will also gain an understanding of how the history and topography of various cultural regions affect dietary customs, cuisines and cooking methods.

### **CULINARY STUDIES 11 – 12 (MCUL-11; MCUL-12)**     *Pre-requisite: Food Studies 10*

This course focuses on kitchen safety, safe food handling, proper cooking and measuring techniques and producing food in large quantities. Students will develop skills and confidence in practical kitchen experiences while creating a variety of culinary dishes to be served to GFSS staff and students. Students will develop skills in the culinary field that last a lifetime.

Students in the course will take **FOODSAFE Level 1**. This is a food handling, sanitation and work safety course designed for food service establishment operators and frontline food service workers such as cooks, servers, bussers, dishwashers, and deli workers.

### **TEXTILE STUDIES 9 & 10 (MTXT-10)**     *Pre-requisite: None*

We will be using commercial patterns beginning with a simple garment. Project selection allows for individual needs and preferences. Basic sewing skills will be developed.

### **TEXTILE STUDIES 11 (MTXT-11)**     *Pre-requisite: Textile Studies 10 or Teacher Consultation*

Along with improving construction techniques learned in TS 10, topics are: new sewing techniques, methods to speed up sewing and using a variety of more challenging fabrics and patterns. Personal taste and individual needs are considered in selecting your project. Students who have not taken TS 10 can also enrol in this course and get credit for Introductory Textile Studies 11. The project work for this course is less difficult.

### **TEXTILE STUDIES 12 (MTXT-12)**     *Pre-requisite: Textile Studies 11*

Students are encouraged to challenge themselves by sewing with more difficult fabrics and patterns.



## **APPLIED SKILLS (*Industrial Education*)**

**Tech Ed Metalwork 10 (welding)**  
**Power Tech 10**  
**Metalwork 11**  
**Metalwork 12**  
**Automotive Tech 11 & 12**

**Woodwork 10**  
**Woodwork 11**  
**Woodwork 12**  
**Computer Systems 9-12**  
**Youth Explore Trades Skills 10-12**

### **TECH ED. METALWORK 10 (MTMET10)**    *Pre-requisite: None*

This is an introductory course into the world of metal work. The focus will be on working safely in an industrial setting. You will be learning the basics of mig and stick welding, flame cutting, abrasive cutting, foundry, and machine tool work. This is a “hands on” course that will incorporate design and function.

### **METALWORK 11 & 12 (MTMET11; MTMET12)**    *Pre-requisite: None*

*Supplies: Coveralls, safety glasses, center punch and a metal scribe*

Students will be encouraged to further their skill development in the metal work field. Emphasis will be on developing welding skills.

### **POWER TECH 10 (MTPOW-10)**    *Pre-requisite: None*

*Supplies: Coveralls and safety glasses*

Students will learn about small engine systems and how to use power and hand tools.

### **AUTOMOTIVE TECH 11 (MTAUT11)**    *Pre-requisite: None*

*Supplies: Coveralls and safety glasses*

Instruction will cover care, repair, maintenance, function and knowledge of various automotive systems with as much practical exposure as possible. Students will receive the opportunity and be encouraged to work as much as possible on their own family car to gain practical experience.

### **AUTOMOTIVE TECH 12 (MTAUT12)**    *Pre-requisite: Automotive Tech 11*

*Supplies: Coveralls and safety glasses*

An opportunity for the student to expand his/her abilities towards analytical and critical mechanical problems with emphasis on developing competency in specialized and sophisticated repair by experiencing as much practical work as possible. Students will be encouraged to work on their own or family cars.

**WOODWORK 10 (MWWK-10)**      *Pre-requisite: None*

*Student fee: Cost of projects may apply*

This course will introduce students to basic woodworking operations using both hand tools and machine tools. Through a series of projects, students will learn proper technique for the operations of cutting, shaping, fitting, joinery techniques and turning wood. Students who complete assigned projects well will have opportunity to work on personal projects (additional cost for materials will apply).

**WOODWORK 11 (MWWK-11)**      *Pre-requisite: Woodwork 9&10 is recommended*

*Student fee: Cost of projects may apply*

This course will introduce students to intermediate woodworking operations using both hand tools and machine tools. Through a series of projects, students will learn proper technique for the operations of cutting, shaping, fitting, joinery techniques and turning wood. Students who complete assigned projects well will have the opportunity to work on personal projects (additional cost for materials may apply).

**WOODWORK 12 (MWWK-12)**      *Pre-requisite: Carpentry & Joinery 11*

*Student fee: Cost of projects may apply*

This course will introduce students to advanced woodworking operations using both hand tools and machine tools. Through a short series of projects students will demonstrate their competency in intermediate woodworking skills, before moving on to work on personal projects (additional cost for materials will apply). Throughout these pre-set and personal projects, students will continue to learn proper techniques for the operations of cutting, shaping, fitting, joinery techniques and turning wood

**COMPUTER INFORMATION SYSTEMS 9 - 12**      *Pre-requisite: None*  
**(MADIT09, MCSTU10, MCINF11, MCINF12)**

This course will be designed to provide students with an opportunity to personalize their learning around the areas of learning how to code. Students will learn how to do basic coding but will have the option to guide their own program direction through the choice of languages and/or platform designs (ie. Website design etc.). Students will be expected to demonstrate their learning through project designs such as website creation, robotic programming, wearable technology, video game production, etc. Course assessment will be determined collaboratively with the instructor to develop personal goals and project outcomes. Due to the ongoing evolution of technology in this field, students may choose to explore other learning opportunities in addition to the basics of coding.

**YOUTH EXPLORE TRADE SKILLS 10-12 (MSTX-0A, MSTX-1A, MSTX-2A)**

Skills Exploration 10-12 offers hands on experience to students interested in a possible career in trades. Students will be able to try out a minimum of 3 trades and will gain a sense for the skills involved in each. Students interested in furthering a career in trades may be able to proceed through the Youth in Train in Trades and Youth Work in Trades programs.

## **FINE ARTS (*Visual Arts*)**

### **Visual Arts 9 & 10**

#### **Art Studio 11**

#### **Art Studio 12**

### **VISUAL ARTS 9 & 10 (MVA10)**     *Pre-requisite: None*

This course provides the student with a review of design basics, as well as an introduction to a wide variety of media and techniques in both two-dimensional and three-dimensional media areas. Media areas included: drawing/painting, digital imaging, basic printmaking, and an introduction to 3-D processes and techniques.

### **ART STUDIO 11 (MVA11)**     *Pre-requisite: Recommended Art 9 or 10*

This course offers advanced instruction in two-dimensional media areas; these include drawing/painting, digital imaging, print making, and 3-D process. In the final course component, students are given the opportunity to specialize in a media area of their own choice. A research project will also be required in conjunction with the independent specialty project.

### **ART STUDIO 12 (MVA12)**     *Pre-requisite: Art 11*

Art 12 designed for students who have completed the advanced level in four areas of visual expression. The course provides students with the opportunity to study further, to prepare portfolios for post-secondary institutions or employment, and to plan and conduct showings of work.

## **FINE ARTS (*Performing Arts*)**

**Band 8**

**Drama 9 & 10**

**Band 9**

**Drama 11 & 12**

**Concert Band 10**

**Theatre Production 11 & 12**

**Concert Band 11 & 12**

**BAND 9 (MMU--09)**      *Pre-requisite: None*

This course aims to inspire your love of music through building skills on an instrument and playing with an ensemble. Confidence, communication, collaboration, creativity, and of course musicianship are skills you'll develop through Band 9. You will have opportunities to choose the music you play and work in small groups as well as the larger ensemble.

**CONCERT BAND 10 (MMUCB10)**      *Pre-requisite: Band 9*

Band 10 continues developing musicianship and ensembleship skills you were building in Band 9. We will create many memorable musical moments as we partake in several performances. In this course, there's room to explore small ensemble, composition, different styles of music, areas of passion in music, and new instruments.

**CONCERT BAND 11 & 12 (MIMCB11; MIMCB12)**      *Pre-requisite: Concert Band 10*

Band students in grade 11 & 12 will pursue challenging repertoire and new genres. By the end of Band 12 you will have developed a high level of musicianship and technical fluency on your instrument. There are many opportunities to perform in large ensemble, small ensemble, and solo contexts throughout the course. Student agency (choice, leadership, and ownership of the program) are strongly encouraged.

**DRAMA 9 & 10 (MDRM-10)**      *Pre-requisite: None*

Students taking Drama 10 will work on fundamental theatre skills. Topics covered include trust, concentration, observation, imagination, movement, mime, speech, improvisation, role play and theatre background. Greater emphasis will be placed on students working with scripts. All students will be required to memorize and present both a monologue and scene work to fellow students. We will work as a class on presenting a collection of mini-scenes for both school and public performances. All students are expected to participate in these public performances.

**DRAMA 11 & 12 (MDRM-11 & MDRM-12)**      *Pre-requisite: None*

There are two major components to the course. The first is **Theatre/Acting Skills**, which is a continuation of work done in the junior levels of Drama, but with greater opportunity for developing individual acting styles. Students will be required to put considerable effort into script work, memorizing monologues and scenes to present to both the school and in evening performances. All students taking this course will be expected to participate in all public presentations.

**THEATRE PRODUCTION 11 & 12 (MDRTP11 & MDRTP12)**      *Pre-requisite: Permission of the teacher.*

In this course, students will work on the various aspects of putting on a theatre production that may include acting as well as other focuses: 1) Directing & Scriptwriting or 2) Technical Theatre (stage management, lighting & sound, set design) and construction and publicity.

## LEADERSHIP COURSES

### Outdoor Education 10 Tutoring 11 & 12

### Peer Counselling 12

#### **OUTDOOR EDUCATION 10 (YPR-0A)**      *Pre-requisite: None*

Students will be introduced to outdoor education with a focus on teamwork and communication. The course will expose students to a variety of outdoor experiences such as hiking, biking, animal tracking, stewardship, and Indigenous practices and perspectives. Students are expected to come to class by having the necessary clothing for the planned activity. Outdoor experiences could also include snowshoeing, cross-country skiing if taken in the winter

#### **TUTORING 11 & 12 (YIPS-1A & YIPS-2A)**      *Pre-requisite: Application and Teacher Permission*

*Note: This course is only worth 2 credits.*

The Tutoring 11 & 12 courses are designed to introduce students to the process of teaching and learning in a classroom setting. The tutor will receive some training during the first week of classes. The tutor will be assigned to a junior classroom at the high school or a classroom at an elementary school. If you are the kind of person who enjoys helping others, then this course is for you. **Good attendance is crucial** for successful completion of this course.

#### **PEER COUNSELLING 12 (YIPS-2B)**      *Pre-requisite: Application, Personal interview and Teacher Permission*

Peer counsellors are selected through an extensive screening process. Those students selected will receive training in communication skills that will enhance their ability to support and help their fellow students. There will also be expectations that involve enhancing the Peer Counselling Program and the Counselling Services in the school. Peer Counselling is a linear 4 credit course and requires the student to have a study block available each semester to fit it into their schedule. One weekend in September needs to be available for training.

## INDIVIDUAL PURSUITS

### Independent Directed Study 12

### Moodle

#### **INDEPENDENT DIRECTED STUDY 12 (MIDS-2A)**      *Pre-requisite: Application and Teacher permission*

Independent Directed Study 12A is designed for students who have completed the advanced level of a course in practical or fine arts. The course provides students with the opportunity to study further, to prepare portfolios for post-secondary institutions or employment, to plan and conduct showings of work and to participate in work experience programs.

### MOODLE

Moodle is a Learning Management System, an online learning environment that simulates a physical face to face classroom. Moodle courses can be accessed from any computer with Internet access, including iPads and Smartphones. Most materials needed to complete a course can be found online, within Moodle. All materials, course content, assessments and evaluations are within the curriculum guidelines as established by the British Columbia Ministry of Education. This means that any course you take through Moodle has the same educational value as a face to face course.

## **CAREER PREPARATION**

**Career Life Education**  
**Career Life Connections**  
**Pathways – Work Readiness**  
**Work Experience 12**

**Youth Work in Trades**  
**Youth Train in Trades**  
**Fire Suppression 11/12**

### **CAREER LIFE EDUCATION (MCLE-10)**

Career Life Education 10 is required to meet graduation requirements. The students will explore a wide range of career and post-secondary education options, think critically about health issues and decisions, develop financial literacy skills and plan actions to pursue post-secondary destinations and career paths.

### **CAREER LIFE CONNECTIONS (MCLC-12)**

Career Life Connections is intended to prepare students for a successful transition to life after secondary school. In order to meet this goal, Career Life Connections encourages students to:

- Take ownership of their own health and learning
- Examine and demonstrate connections between their learning and their future
- Create a plan for their growth and development as skilled, healthy, knowledgeable, participating citizens

### **PATHWAYS – WORK READINESS PROGRAM**

This program allows students to receive Trades related certifications at a subsidized cost. Although students are enrolled through SD#51, certificate programs are facilitated through Selkirk College in Grand Forks. Students are responsible for their own transportation to and from the sites as these courses are offered outside of the school day (usually on weekends). Any students interested in this program should see Mr. McKaig at the beginning of the school year.

### **WORK EXPERIENCE 12 (MWEX-2A, 2B)**

Work experience is an educational program which will help students prepare for the transitions from secondary school to the world of work or trades/apprenticeship programs. Through work experience, students have the opportunity to observe and practice employability skills required in the workplace as well as technical and applied skills relating to specific occupations or industries.

Students participating in elective work experience courses must have an in-school orientation to prepare for the workplace. The orientation includes instruction on worksite safety, employability skills such as work ethic, education skills transferable to a specific work placement, worker rights and responsibilities, and employer expectations.

Throughout Work Experience 12 the student will cover many learning outcomes including Workplace Health and Safety, how to secure and maintain work, how to apply to a workplace and be directly involved in the education necessary for Career Planning. In Work Experience 12 students are required to complete 100 hours of volunteer work experience. All students interested in participating in these elective work experience courses must apply and go through an interview process. There are limited spaces available and your timetable will have to be individually designed in order to accommodate the work placement.

### **YOUTH WORK IN TRADES (MWRK-1A, 1B, 2A, 2B)**

This is a work-based training program for students in grades 11-12 who are looking to get on-the-job-training in their trade. Through this ‘earn while you learn’ program, students will be able to submit the hours worked with their registered sponsor to gain up to 16 high school credits and to record at least 480 hours towards the work-based training requirement of their apprenticeship. Students who complete this program and meet the additional criteria may be eligible for a \$1000 Award. This program may be taken simultaneously with the Youth Train in Trades program.

### **YOUTH TRAIN IN TRADES (TRNQ)**

This is an educational program for students in grades 11-12 who are looking to get a head start on their apprenticeship. Through this Dual Credit program, students will be able to gain up to 16 high school credits and level 1 technical training towards their apprenticeship. This program can be offered through a partnership with a post-secondary institution or at an ITA certified training facility which ensures students are instructed a certified trades instructor. This program may be taken simultaneously with the Youth Work in Trades program.

### **FIRE SUPPRESSION 11/12 (YPSS-2C)**

The Wildland Fire Suppression program is provided in cooperation with the Ministry of Forests Wildland Management Branch and provides training to the Junior Initial Attack level. Students who are successful in completing a variety of training components in the program will be awarded multiple certifications that apply to fire suppression related employment, but also satisfy job requirements for many other private and public sector employment opportunities in the workplace.

## **OTHER PROGRAMS**

### **INDIGENOUS EDUCATION PROGRAM**

The Indigenous Education program is open to those who have indicated on the school enrollment form that they have Indigenous ancestry. For these students we offer both academic support and cultural opportunities. The Indigenous Education room is open at lunch hour and students are encouraged to stop by.

### **GFSS BIKE AND BOARD SHOP**

The GFSS Bike Shop is a student-operated small business that provides participants with an opportunity to learn basic mechanics, develop tool handling skills and work on individual projects. Like a job, a student’s participation earns them money or shop credits that can be used to buy parts or a complete bicycle. The focus of the program is to build mechanical competencies and employment skills while promoting self-esteem, belonging and school-wide participation. Referrals to the program are made through a counsellor or the collective school-based team.

## **Requirements For Graduations**

In order to graduate with a Dogwood, every student in the Graduation Program has to pass certain courses such as English, Mathematics, Science and Social Studies. The list below is an overview of what you need to graduate:

- 48 credits from Required courses (of which 4 credits needs to be Indigenous-focused)
- 28 credits from Elective courses
- 4 credits from Career Life Connections

Graduation requirements are introduced in your Career Life Education 10 class. For more help, speak with your teacher or school counselor.

<b>Required Courses:</b>	<b>Credits:</b>	
Career Life Education 10	4	
2 Language Arts 10 (2 credits each)	4	(plus a gr.10 literacy assessment)
a Language Arts 11	4	
a Language Arts 12	4	(plus a gr.12 literacy assessment)
a Mathematics 10	4	(plus a gr.10 numeracy assessment)
a Mathematics 11	4	
a Fine Arts and/or Applied Skills (10,11 or 12)	4	
Social Studies 10	4	
a Social Studies 11 or 12	4	
Science 10	4	
a Science 11 or 12	4	
Physical Education 10	4	
<b>Total credits:</b>	48	

### **Elective Courses:**

Students must earn at least 28 elective credits or 7 courses at Gr. 10-12 level

**Total credits:** 28

### **Career Life Connections:**

Students must earn 4 credits for Career Life Connections & Capstone project.

**Total credits:** 4

**Overall total credits:** 80

\* Of the 80 credits for graduation, at least 16 must be at the Grade 12 level, including a Grade 12 Language Arts course. A Numeracy 10 assessment as well as both Literacy 10 & 12 assessments are also required to meet graduation requirements.



## **Earn credits towards graduation:**

In addition to earning credits by completing a course, you may also be awarded Gr. 11-12 course credits by using the following policies:

### **Equivalent policy (documented prior to learning)**

If you have completed a course outside the BC school system, there may be an equivalent course in the BC school system for which you can get credit.

### **External credentials (courses):**

You may be able to receive credit towards graduation for some of the extra-curricular activities or community learning that you participate in after school. Some examples include computer certification courses and ICBC-approved driver's education courses, as well as some music and dance courses.

### **Partial credit policy:**

Some courses are eligible for partial credit. If you didn't quite complete a course, you may still be able to receive partial credit for it. Schools can award credits to students who have successfully completed parts of some ministry-designated or locally developed Gr. 11-12 courses.

### **Independent directed study policy:**

If you have a particular interest in a specific subject area, this policy allows you to chart your own course of learning under the supervision of a teacher. You may earn up to four credits for each completed course.

