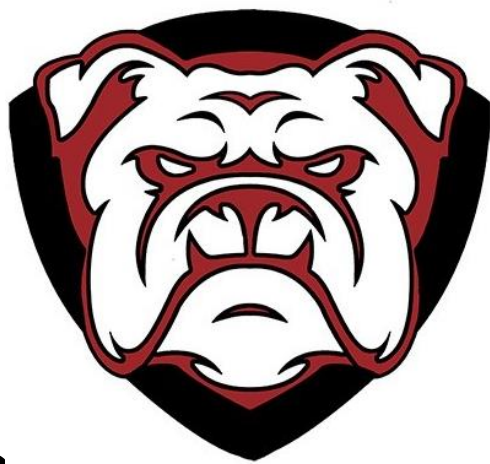


John Barsby



Community School

Course Catalogue

Grades 10 – 12

2025 – 2026

Welcome to John Barsby Community School. Whether you are new to John Barsby, or you are a returning student, we know that a great year filled with wonderful experiences and opportunities awaits you.

John Barsby is unique in its sense of community and being part of our school community can give you the support that you need to achieve academically and to explore your own personal development. As a student, part of your responsibility is to plan your next school year by selecting courses and prerequisites for your educational program.

Our goal is to provide a broad range of courses to meet your needs and interests; however, please keep in mind that all courses are subject to adequate enrollment as well as facility and staff availability. We will work hard to meet as many of your course requests as possible; however, we cannot guarantee that every course request will be fulfilled.

We urge you to give serious consideration to your course planning. It is important to read this booklet carefully and discuss the information with your family. Many courses are a building block giving you the necessary foundations to be successful at the next grade level. Take time to seek advice from your teachers, counsellors, and your parents as you make decisions for next year. Build a program for yourself that is challenging and will help you develop the knowledge, skills and attitudes that will give you direction as you move beyond high school.

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The British Columbia Graduation Program

The graduation program, grades 10, 11 and 12, is designed to provide graduates with a broad education that meets provincial standards and equips students with the knowledge and skills they need for the future. It is also designed to provide flexibility. Students choose from a range of language arts, social studies, science, math, applied skills, and/or fine arts courses best suited to their individual needs and interests.

Graduation Requirements

Grade 10	Grade 11	Grade 12
English 10	English 11	English 12
Socials 10	Socials 11 or 12	Elective 12
Science 10	Science 11 or 12	Elective 12
Math 10	Math 11	Career Life Connection 12*
PHED 10	Elective 10 - 12	Elective 11 - 12
Career Life Education 10	Elective 10 - 12	Elective 11 - 12
Elective 10 – 11	Elective 10 - 12	Elective 11 - 12
Elective 10 – 11	Elective 10 - 12	Elective 11 - 12

* Career Life Connections may be offered as one 4 credit course in grade 12, or two 2 credit courses spanning grades 11 and 12. Check your school for details.

Additional Graduation Requirements

Numeracy Assessment 10

Literacy Assessment 10

Literacy Assessment 12

One, 4 credit, Applied Design, Skills and Trades or Fine Arts Elective 10-12

One, 4 credit, Indigenous focused course 10-12

University and College Entrance Requirements

University admission requires English 12 plus three to five Academically Approved courses. Some university programs require a Second Language 11 for admission. Be sure to check the entrance requirements for the college or university program you are interested in attending.

Personalizing Your Program

The Graduation Program in Nanaimo Ladysmith Public Schools offers students opportunities to personalize their programs. Students can participate in specialized Academies, complete courses online, receive credit for external learning, and pursue advanced training through education partnerships with post-secondary programs.

Academies

Secondary specialized academies provide students with an opportunity to pursue their areas of interest while completing their academic studies. Students participating in an academy attend the school the academy is offered at. Information about academies, due dates, and how to apply, are available on the Nanaimo Ladysmith Public Schools website: [Registration Information](#)

Applications are due by March 1.

Fine Arts Academies

- Performing Arts Academy at Dover Bay – auditions
- Jazz Academy at Wellington – auditions

Sports Academies

- Hockey Academy at NDSS – lottery
- Soccer Academy at NDSS – lottery
- Beach Volleyball Academy NDSS – lottery
- Lacrosse Academy at NDSS – tryouts

Online Learning

Students wanting to take a course in a virtual format, at their own pace, have the option to take an online course through Island ConnectEd, Nanaimo Ladysmith's online learning school, or any other provincial online learning provider. Search [Island ConnectED](#) options for details. It is recommended that students have strong independent work habits and motivation for learning.

Independent Directed Studies

The Independent Directed Studies program allows students to receive credit towards graduation by pursuing learning outcomes that extend beyond those normally taught in the classroom. To participate in an IDS course, a student must have their directed studies plan approved by the Principal and have demonstrated the ability to work independently.

University Enrichment Courses

This exciting opportunity is available for students to attend and complete Vancouver Island University courses in their grade 12 year. Students apply in Grade 11 and can enroll in up to two university courses per semester to complete in Grade 12. Courses completed earn credit towards high school graduation as well as university programs (Dual Credit). The University Enrichment Courses will be held on the VIU campus and the tuition fee is covered by the Ministry of Education.

Popular University Enrichment Courses include: English, Psychology, History, Accounting, Math, Criminology, Sociology, Philosophy, Physics, Biology, Marketing, Economics, Computer Science

- Search the [Career Technical Center](#) site to get started
- Consult with your school counsellor for details

External Credits

Students may receive credits towards graduation for courses completed outside of school. Ministry authorized external courses are of an equivalent standard to other elective courses. Students are encouraged to see their counsellor for information.

A few examples of External Courses:

- Second Languages
- Music and Dance
- Provincial or National Athletics
- Occupational Programs including Cadets, 4-H, First Aid, and Aquatic Certifications
- ICBC Driver Education
- Work Experience
- Trades Apprenticeship
- And many more

Trades Apprenticeship

This opportunity can provide an early start for students pursuing a career in Trades. While working in an apprenticeable Trade, students can receive 16 credits towards graduation and 480 work-based training hours that count towards a trade credential. Students with an employer sponsor register as a youth apprentice with the Industry Training Authority.

- Search the [Career Technical Center](#) site to get started
- Consult with your school counsellor for details

Career and Trades Education

Students can gain valued trades education while in high school. Through partnerships with certified trades persons and Vancouver Island University, students can earn dual credit towards both industry certifications and their high school graduation certificate. Programs are offered through our District Career Technical Center (CTC).

- CTC Programs can lead to a certificate or diploma
- Search the [Career Technical Center](#) site to get started
- Consult with your school counsellor for details

Trades Sampler Dual Credit	Train in Trades Dual Credit	Certificate Dual Credit
Grade 10-12 One Semester Up to 12 Elective Credits Delivered by VIU Located on VIU Campus	In place of Grade 11 or 12 Two Semesters Up to 40 Elective Credits Delivered by VIU Located on VIU Campus	In place of Grade 12 Two Semesters Up to 32 Credits Delivered by VIU Located on VIU Campus
<p>Current Programs:</p> <ul style="list-style-type: none"> • Female Sampler • Mixed Sampler • Indigenous Sampler <p>Introduction to:</p> <ul style="list-style-type: none"> • Welding • Carpentry • Electrical • Auto Mechanics • Heavy Duty Mechanics • Culinary <p>May include:</p> <ul style="list-style-type: none"> • Fall Protection • Standard First Aid • Confined Space Entry • Construction and Forestry Machine Simulation Training • Work Site Visits • Construction Safety 	<p>Current Programs:</p> <ul style="list-style-type: none"> • Aircraft Maintenance* • Auto Collision Repair* • Auto Mechanic • Baking • Carpentry • Professional Cook I & II • Electrician • Hairdressing • Heavy-duty Mechanics • Heavy Equipment Operator • Horticulture • Iron Worker* • Machinist • Marine Service Technician* • Motorcycle/Marine • Refrigeration* • Welding <p>*Not located on VIU Campus</p>	<p>Current Programs:</p> <ul style="list-style-type: none"> • Office Administration • Dental Assistant • Education Assistant • Health Care Assistant • System Administration and Networking • Web and Mobile Development

Student Support Services

Students are encouraged to reach out to support services to develop positive and enriching educational experiences. Whether facing academic difficulties, personal issues, or seeking guidance for future plans, Student Support Services are available to support academic success and overall well-being.

- Students can seek assistance from education counsellors who provide academic and personal guidance to help students navigate school and life challenges.
- Learning Support programs are available to provide extra help in learning. Individual learning accommodations can be made and additional support to build understanding and independence in learning is available.
- Learning Services in schools include:
 - Inclusive Learning Support
 - Education Counselling
 - Child and Youth Family Support
 - Indigenous Student Support and Cultural Connection
 - English Language Learner Support

Course Descriptions

Careers

Career Life Education 10

Students will explore how finding a balance between work and personal life is essential to good physical and mental health. Work to develop a network of family friends, community members that can support and broaden their career awareness and options. Students will learn how to prepare to be life long learners who can adapt to changing career opportunities. Students will study how the global economy affects our personal, social, and economic prospects as well as consider how these factors may affect career and educational plans.

Career Life Connections 12A (Grade 11)

CLC is designed to assist students in reflecting on where their personal interests and strengths overlap with emerging career-life opportunities in the world. Sense of purpose can occur where these three qualities overlap, offering possible career-life directions that are both personally meaningful and viable. This type of purposeful career-life development is facilitated by the learning standards of CLE and CLC and ongoing mentorship opportunities throughout the secondary years.

Career Life Connections 12B

This course is the final phase of career and life learning and will focus on supporting students in determining their next steps, post-graduation. Through experiential and applied learning, students will develop an integrated post-graduation plan that is connected to a capstone or culminating project that demonstrates their learning in an area of personal interest. Ideally, the capstone or culminating project will be linked to an area that students are passionate about and anticipate they will be pursuing further education and/or a career in. Students will select an area of focus for CLC 12 from the following:

- STEM – Students pursuing or with a keen interest in exploring a Science, Technology, Engineering, or Mathematics pathway after graduation or at Post Secondary
- HUMANITIES & SOCIAL SCIENCES – Students pursuing or with a keen interest in exploring a Humanities or Social Sciences pathway after graduation or at Post Secondary
- TRADES & TECHNICAL SCHOOLS – Students who are interested in pursuing a Trade or Technical Degree/Diploma/Certificate after graduation or at Post Secondary
- High School Transitions – Students who are undecided on their plans after graduation. This course will allow for a general exploration of options across multiple disciplines.

English

English 10

English First Peoples 10

Founded upon the First Peoples Principles of Learning, English First Peoples courses for Grades 10-12 offer all BC students backgrounds the opportunity to explore First Peoples' worldviews through dynamic written, visual, oral, and digital First Peoples literature. Students will read and study texts

by other writers and consider a variety of styles as models for the development of their writing. They also develop their writing through processes of drafting, reflecting, and revising.

English 11

Students are provided a choice of English 11 courses to complete. Students are encouraged to pursue their interests, to strengthen their literacy skills, and to explore new topics in English.

Composition 11

Composition 11 is designed to support students to improve and develop their written communication through practice and revision. Students will be exposed to a variety of writing styles as models for the development of their own writing. Students will be provided with opportunities to study, create, and write original and authentic pieces for a range of purposes and real-world audiences. There will also be a focus on the technical aspect of writing, such as sentence structure and grammar, and writing essays in the correct format.

Literary Studies 11

Literary Studies 11 is a wonderful opportunity for students to improve their ability to dig deeper into the art of the novel, short story, poetry and essay. Students learn to identify the author's message, symbols, and techniques through both fiction and non-fiction text. Students will work towards increasing their understanding through careful reading and discussion of appropriately challenging texts, expanding their growth as educated global citizens by making connections to the world, and further development of critical thinking skills. Great books provide students with endless opportunities to better understand themselves and the world around them. This course will have a world literature focus.

New Media 11

New Media 11 is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. New Media 11 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills important for success in an increasingly complex digital world by giving them numerous opportunities to demonstrate understanding and communicate ideas through a wide variety of digital and print media. This may include media and film studies, journalism and publishing, and social communication such as blogging and social media.

English 12

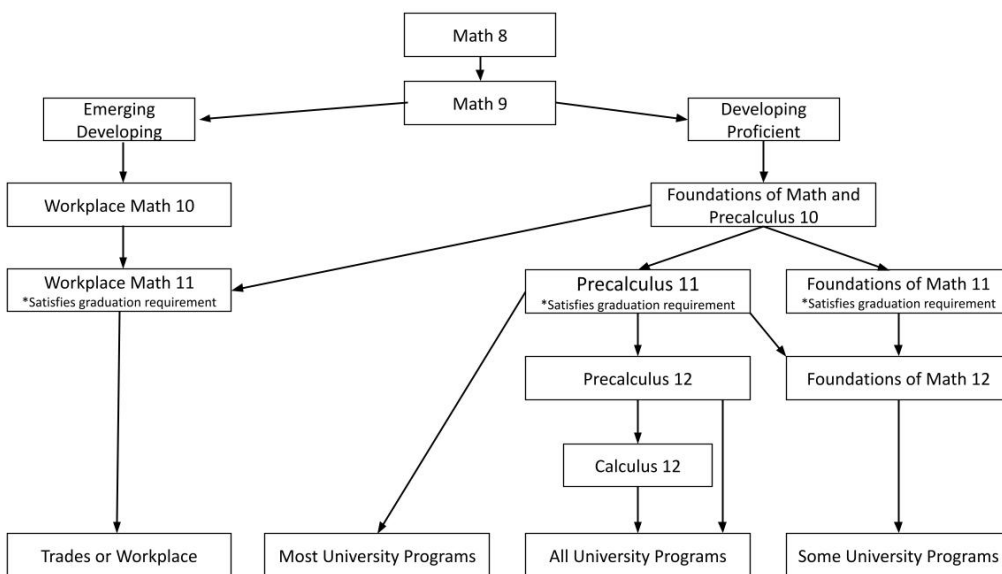
English First Peoples 12

English First Peoples 12 builds upon and extends students' previous learning experiences in ELA and EFP 10 and 11 courses. The course is grounded in the First Peoples Principles of Learning. It is designed for all students, Aboriginal and non-Aboriginal, who are interested in delving deeply into First Peoples oral and written literature and visual texts in a range of media. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text,

including oral story, poetry, song, performance, film, and prose. A key feature of the course is its focus on authentic First Peoples voices (i.e., historical or contemporary texts created by or with First Peoples). **Grade 12 students taking this course will meet both their English 12 requirement and the Indigenous course content requirement.**

Mathematics

Math Pathways



Program Descriptions:

The math courses have been designed to accommodate the varied learning needs of students. Students should select their math course carefully. Teachers will make recommendations to students, parents, counsellors and administration regarding the appropriate course selection.

Graduation requires students to complete a grade 11 OR 12 mathematics course. The course may be Workplace Math 11 or Pre- Calculus Math 11. Ask your math teacher if you are unsure which math course to take.

Consult your counsellor for specific program requirements. Check with the university you plan to attend for admission requirements or ask your math teacher.

Math 10

Workplace Math 10

Content: Graphs, trigonometry, imperial and metric conversions, surface area and volume, central tendency, probability, and gross and net pay

Big Ideas:

- Proportional reasoning is used to make sense of multiplicative relationships.
 - 3-D objects can be examined mathematically by measuring directly and indirectly length, surface area and volume.
 - Flexibility with number builds meaning, understanding and confidence.
 - Representing and analyzing data allows us to notice and wonder about relationships.
- Note: Workplace Math 11 meets all CTC program entry requirements except for Electrician.

Foundations of Math and Pre-Calculus 10

Developing/Proficient in Mathematics 9 is recommended

Content: Exponents, factoring, linear equations and functions, arithmetic sequences, polynomial expressions, trigonometry, gross pay and net pay.

Big Ideas:

- Algebra allows us to generalize relationships through abstract thinking.
- The meanings of, and connections between, each operation extend to powers and polynomials
- Constant rate of change is an essential attribute of linear relations and has meaning in different representations and contexts.
- Trigonometry involves using proportional reasoning to solve indirect measurement problems
- Representing and analyzing situations allows us to notice and wonder about relationships.
- Note: this math pathway is for university bound students or for those who want to keep career doors open.

Math 11

Workplace Math 11

Foundations of Math and Pre-Calculus 10 or Workplace Math 10 required

Content: Rate of change and slope, probability, graphs, 3D objects (views and scale) personal investments, loans and budgeting.

Big Ideas:

- Proportional reasoning is used to make sense of multiplicative relationships.
- Mathematics informs financial decision making.
- 3-D objects are often represented and described in 2D space.
- Flexibility with number builds meaning, understanding and confidence.
- Representing and analyzing data allows us to notice and wonder about relationships.
- Note: Workplace Math 11 meets all CTC entry requirements except for Electrician.

Foundations of Mathematics 11

Prerequisite: Foundations of Math and Pre-Calculus 10

Content: Investments and loans, graphical representations of quadratic functions, solving systems of linear inequalities, patterning, geometry and measurement, Interpretation of data and statistics.

Big Ideas:

- Similar shapes and objects have proportional relationships that can be described, measured, and compared.
- Optimization informs the decision-making process in situations involving extreme values.
- Logical reasoning helps us discover and describe mathematical truths.
- Statistical analysis allows us to notice, wonder about, and answer questions about variation.

Pre-Calculus 11

65% or higher in Foundations of Math and Pre-Calculus 10 is recommended

Powers, rational operations and expressions, radical /quadratic/linear - operations and equations, factoring, inequalities, trigonometry (non-right triangle) and angles in standard position, compound interest, investments and loans.

Big Ideas:

- 3-D algebra allows us to generalize relationships through abstract thinking.
- The meanings of and connections between, operations, extend to powers, radicals and polynomials.
- Quadratic relationships are prevalent in the world around us.
- Trigonometry involves using proportional reasoning to solve indirect measurement problems.
- Note: this course is necessary for most University programs, it keeps most doors open for the future (in case you change your mind)

Math 12**Foundations of Mathematics 12**

Content: Graphical representations of polynomial, logarithmic, exponential, and sinusoidal functions; patterning, geometry and measurement, financial planning, and probability.

Big Ideas:

- Probabilistic thinking informs decision making in situations involving chance and uncertainty.
- Modelling data requires an understanding of a variety of functions.
- Mathematical analysis informs financial decisions.
- Through explorations of spatial relationships, we can develop a geometrical appreciation of the world around us.

Pre-Calculus 12

65% or higher in Pre-Calculus 11 is recommended

Content: transformations, exponential, logarithmic, and polynomial functions and equations, trigonometric functions, equations and identities, rational functions and geometric sequences and series.

Big Ideas:

- Using inverses is the foundation of solving equations and can be extended to relationships between functions.
- Understanding the characteristics of families of functions allows us to model and understand relationships and to build connections between classes of functions.
- Transformations of shapes extend to functions and relations in all of their representations.
Note: You must have this course for Math and Science programs in University. Keeps all doors open for the future (just in case you change your mind)

Calculus 12

65% or higher in Pre-Calculus 12 is recommended*

Content: limits, continuity, differentiation, and integration.

Big Ideas:

- The concept of a limit is foundational in developing calculus.
- Differential calculus develops the concept of instantaneous rate of change of one quantity in relation to another.
- Integral calculus develops the concept of determining a product involving a continuously changing quantity over an interval.
- Derivatives and integrals are inversely related.
- Students will require a scientific calculator for this course.
- Note: This is for university bound students with Calculus in first year.

Science

Science 10

Science 10

This course contains units covering the fields of biology, chemistry, physics and astronomy.

Big Ideas

- The biology units explore the structure of DNA, heredity and genetics.
- The chemistry units explore the nature of chemical reactions.
- In the physics unit students will learn about energy. The focus is on learning about the various types of energy and its transformation as applied to daily life
- Astronomy covers the nature of the universe, its formation and structure.

Life Sciences

There are two courses offered at John Barsby in the Life Sciences (Biology) discipline. Either one of these courses will satisfy the science credit requirement for graduation. While it is recommended students take Life Sciences 11 prior to taking Anatomy and Physiology 12, it is NOT a prerequisite. Students are encouraged to take the course(s) they are interested in and make sure the course(s) they select will satisfy the entrance requirements of the post-secondary programs they are considering.

Life Science 11

Big Ideas:

- Life is a result of interactions at the molecular and cellular levels
- Cell structure, cell types, cell specialization, asexual and sexual reproduction, cellular respiration, photosynthesis, virus structure, viral cycles, and effects of viruses on organisms.
- Evolution occurs at the population level
- Role of DNA, agents of evolutionary change, theories and models of evolution, speciation, trends in complexity, artificial selection, and genetic modifications.
- Organisms are grouped based on common characteristics

- Principles of classification, phylogenetic tree, cladogram, dichotomous key, First peoples understandings of body plans and use of local plants, binomial nomenclature, and the three domain/six kingdom system.
- Attendance in a lab-based academic course is crucial for student success, as many scheduled activities, such as dissections, cannot be offered at other times.

Anatomy and Physiology 12

Big Ideas:

- Homeostasis is maintained through physiological processes.
- Cell compounds and biological molecules, dehydration and synthesis reactions, enzymes and metabolic pathways, feedback loops, plasma membrane, transport, and surface area to volume ratio
- DNA and Cells: Gene expression
- Cell structures and functions, interrelated functions, DNA replication, protein synthesis, mutations, genomics, and biotechnologies.
- Organ Systems:
- Levels of organization, tissues, organ systems (digestive, cardiovascular, lymphatic, respiratory, urinary, reproductive and nervous systems), interrelationships among systems, nutritional and life style effects on health, First Peoples holistic approach to health, and medical conditions that affect body systems.
- Attendance in a lab-based academic course is crucial for student success, as many scheduled activities, such as dissections, cannot be offered at other times

Earth Sciences

There are two courses offered at John Barsby in the Earth Science discipline (Earth Science 11 and Geology 12). Either one of these courses will satisfy the science credit requirement for graduation. Students can choose to take one or both. While it is recommended for students to take Earth Science 11 prior to taking Geology 12, it is NOT a prerequisite. Students are encouraged to take the course(s) they are interested in.

Earth Science 11

Earth Science 11 is a survey course exploring many facets of planet Earth - its structure, processes occurring upon and within it, and the space surrounding it. Students will complete activities that encourage critical thinking on environmental issues, as well as interpreting the impact of human activities on the planet. Geologic topics include the formation of rocks and minerals, plate tectonics (mountain building, volcanism, and earthquakes) and weathering / erosion. Climate, oceans, and weather systems will be explored with a focus on how these drive natural and man-made climate cycles and climate change. Students will investigate their place in the solar system, and explore the formation, life cycle and demise of stars and galaxies historically, presently and in the future.

Geology 12

In Geology 12 students learn about the physical environment of the Earth through a variety of means including the examination of rocks, geophysics, and natural features, both in the classroom and in the field. Igneous, sedimentary, and metamorphic rocks are explained, compared and connected to our local

geology in terms of their formation and composition. The Earth's resources are considered in terms of mineral deposits, coal, petroleum and natural gas and their economic significance, our dependence on these resources, and the jobs/processes involved with their extraction in the context of our changing world. Geologic structure and resource extraction will be examined through the lens of potential careers including but not limited to Geophysicists, Geologists, Engineers, and Environmental Scientists. The development of the Geological Time Scale is explained and discussed with reference to relative and absolute age dating techniques and the fossil records. Plate tectonics and a study of the Earth's internal processes is a key part of the course in explaining ancient and modern phenomena such as continental drift, mountain building, earthquakes, and volcanic activity. The surface processes and the hydrosphere are also considered together with the features and processes associated with weathering, different types of erosion and glaciations.

Chemistry

There are two courses offered at John Barsby in the Chemistry discipline. Chemistry 11 is a pre-requisite, and must be taken before Chemistry 12. Chemistry is a pre-requisite for many science programs at post secondary. Students are encouraged to check the specific entrance requirements of post-secondary programs they are considering.

Chemistry 11

Big Ideas:

- Atoms and Molecules are building blocks of matter: subatomic structures, quantum mechanical model, electron configuration, Lewis structures.
- The Mole: The mole is a quantity used to make atoms and molecules measurable.
- Chemical Reactions: Matter and energy are conserved in chemical reactions: Physical and chemical changes, product formation, balancing formula equations, predicting products
- Solution Chemistry
- Student participation in lab exercises is mandatory. Attendance in a lab-based academic course is crucial to student success as scheduled lab activities cannot be offered at other times. This is a valuable prerequisite for nursing programs.

Chemistry 12

Chemistry 11 (C+ recommended) and strong ability in Math*

Big Ideas:

- Reaction Kinetics: Reaction rate, factors affecting reaction rate, collision theory
- Dynamic Equilibrium: Chemical equilibrium, equilibrium shifts
- Equilibrium expressions and calculations (K_{eq})
- Solubility: Saturated solutions, applying equilibrium to solutions (K_{sp}), and quantitative problem solving.
- Acids and Bases
- Oxidation-Reduction
- Student participation in laboratory explorations is expected. Attendance in a lab-based academic course is crucial to student success, as many

scheduled activities cannot be offered at other times.

Physics

There are two courses offered at John Barsby in Physics. Physics 11 is a pre-requisite, and must be taken before Physics 12. Physics 11 is a pre-requisite for many science programs at post secondary. Students are encouraged to check the entrance requirements of post-secondary programs they are considering.

Physics 11

Students selecting this course will generally find more success if they have the following: Science 10 (C+ or higher), Foundations of Math and Pre-Calc 10 (C+ or higher)

Physics 11 is an introductory course that covers the topics of motion and kinematics, projectiles, dynamics, work, energy, power, electric circuits, and relativity. Students' problem solving and critical thinking skills are challenged to connect what they discover in the lab to what they learn in the classroom and an emphasis is placed on proper analysis and communication of results. Students are pushed towards a mindset of understanding rather than traditional memorization. It is strongly recommended that Pre-Calculus Math 11 be taken prior to or concurrently with Physics 11. Students who have weak Algebra skills may wish to take Physics 11 in their Grade 12 year.

Physics 12

Physics 11 (minimum C+ recommended) and strong ability in Math*

This course is a survey course exploring many facets of the physical world for those students' requiring physics for post-secondary studies. Topics include Vectors, 2D kinematics, dynamics, energy and momentum, static equilibrium, circular motion, electrostatics, and electromagnetism. Students are expected to develop skills in problem solving, critical thinking, and communication in the laboratory, though lab design and in the collection, analysis and reporting of experimental results. A strong background in mathematics (algebra and trigonometry) is expected. Taking physics 12 in high school decreases the burden of first year physics at the post-secondary level.

Recommendation: Physics 11 (C or better) Pre-Calculus Math 11 (C+ or better)

Social Studies

Social Studies 10 (1920 to Present)

Social Studies 10 will continue the study of:

- Global and regional conflicts that have been a powerful force in shaping our contemporary world and identities;
- Worldviews that have led or lead to different perspectives and ideas about developments in historical and contemporary injustices; and
- Challenging the narrative and identity of Canada as an inclusive, multicultural society, and the development of political institutions as they are influenced by economic, social, ideological, geographic and environmental global factors that affect a sustainable global future.

Social Studies 11-12

Students are required to complete a Social Studies 11 or 12 course to meet graduation requirements. At John Barsby, students select from an array of Social Studies 12 courses that they complete in Grade 11

and/or Grade 12. Students are encouraged to take additional Social Studies courses to develop the attitudes, skills, and knowledge that will enable them to become engaged, active, informed, and responsible citizens. Social Studies 12 courses meet some of the Academic Course pre-requisites for many University programs.

20th Century World History 12

20th Century World History is an in-depth study of the major events, politics and trends of the twentieth century covering World War One and its conclusion, the rise of dictators, the Depression, the Second World War, the Cold War and the present-day world.

Emphasis is placed on why the events took place and how they have affected our world today.

Areas of focus as related to the 20th Century will include, but are not limited to:

- Rise and rule of authoritarian regimes;
- Civil wars, independence movements, and revolutions;
- Human rights movements, including those of indigenous peoples;
- Conflicts, including World War I, World War II, and the Cold War;
- Migrations, movements, and territorial boundaries;
- Interdependence and international co-operation.

20th Century World History 12 – Music and Popular Culture

This alternative take on History 12 will be a decade by decade look at the major events of the 20th Century with a specific focus on the music and pop cultural icons that took place at the same time. Areas of focus will include:

- The progression of music from Jazz to Hip Hop, Rock and Rap
- Civil Rights movements and expression
- The rise of popular/fast food and entertainment trends from 1900 to 2000.

Genocide Studies 12

Throughout its history, humanity has put intense and powerful efforts into finding ways to oppress and destroy others. This course will take a look at worst that humanity has done and attempt to understand how we got there. Understanding this impulse is the first step that we can take in preventing its reoccurrence. We will be studying the following areas.

- Refugees & War
- Human Trafficking
- The Holocaust
- The Rwandan Genocide

BC First Peoples 12

BC First Peoples 12 focusses on the diversity, depth, and integrity of the cultures of British Columbia's Aboriginal peoples. In emphasizing the languages, cultures, and history of the First Nations peoples, the course addresses an important part of the history of British Columbia. The course provides an opportunity for BC students to acquire knowledge and understanding of the traditions, history, and present realities of BC Aboriginal peoples, as well as a chance to consider future challenges and opportunities.

Law Studies 12

Law Studies 12 is a survey course that introduces students to an overview of the concept of Canadian law and the role it plays in society. It provides a forum in which students, using various methods of inquiry, will have the opportunity to form, test and evaluate hypotheses concerning various legal questions that affect the lives of all Canadians; understanding legal right and responsibilities, laws that maintain the status quo and can also be a force of change in society, and how these processes affect many aspects of people's daily lives. Areas of study will include the structure and power of our federal and provincial courts, the Constitution of Canada and the Canadian Charter of Rights and Freedoms, legislation concerning First Peoples, children, youth and families.

Oceanography and Physical Geography 12

Oceanography is the study of our oceans, including their circulation, physical and chemical properties, characteristics, and marine biology. This richly interdisciplinary social science will introduce you to how the ocean works, affects global climate, supports global food chains and impacts communities. Current environmental issues such as safe shipping, sustainable food supply, sanitary sewage disposal, climate change, and healthy recreational opportunities, will be discussed. Every opportunity will be made to connect students with community examples associated with areas of study.

Social Justice 12

In this course, you will have the opportunity to explore modern Social Justice Movements such as Black Lives Matter (#BLM), Schools Strike for Climate, Refugee Crises, #MeToo/TimesUp, #OrangeShirtDay, and others. You will interrogate issues such as racism, poverty, sexism, homophobia, and cancel/consequence culture. The knowledge you gain will allow you to recognize and understand the causes and consequences of injustice. This course will prepare you for a rapidly evolving social landscape and should be a top choice for those looking to work in healthcare, social services, the justice system, education, and the sciences. You will be required to be respectful, fair, and open-minded while you critically consider, analyze, synthesize, and evaluate your own ideas as well as others' beliefs. This is a case study, action- research, and project-based course.

Humanities Electives

Composition 12

Composition 12 is designed to support students in their refinement and pursuit of mastery of written communication. Students will read and study exemplary compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students, with increasing independence and self-sufficiency, to study, create, and write original and authentic pieces for a range of purposes and audiences using real-world applications with impact and effectiveness. They will develop their craft through processes of drafting, reflecting, and revising to build a body of publishable work that demonstrates breadth, depth, and evidence of sophisticated and specialized writing for a range of situations.

Literary Studies 12

Literary Studies 12 allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. This course enables students to increase their literacy skills through close reading of appropriately challenging texts, expand their development as

educated global citizens, develop balance and broaden their understanding of themselves and the world, and further refine higher-level thinking and learning skills.

Psychology 12

Have you ever wondered why people who have lost an arm can still feel their fingers? Have you ever thought about the ways in which memory is created, shaped and manipulated? Have you ever wondered about the impact of trauma on a still developing brain? Psychology 12 explores these and many other fascinating subjects. We will be looking at:

- Brain Science
- Childhood Brain Development
- Mental Illness
- Trauma and Its Effects on Our Brains
- The Psychology of Advertising and Marketing

Join us as we go on a journey to explore the things about ourselves that make us who we are.

Physical and Health Education

Physical and Health Education 10

This course builds upon the learning experiences from the PHE 8 and 9 classes and continues to use a variety of physical activities to support students in the development of their physical literacy levels; pursue and reflect on personal goals related to health; and develop a deeper understanding of how their community, and relationships with others, can influence their pursuit of lifelong healthy living. An attempt is made to orient the student to a variety of leisure time activities, personal fitness assessments and lifestyle management tools. Students will actively participate in a variety of units including team and individual sports like volleyball, basketball, soccer, softball, football, ultimate, ball hockey, softball, badminton, dance, gymnastics, martial arts, weight training, health education, and first aid.

Physical and Health Education 10 – Health and Wellness

Health and Wellness is designed to teach strategies in health, fitness, and wellness that lead to a better understanding of the need for life-long activity. Participation is the goal in this non-competitive environment, challenging all students to find their own comfort level while improving fitness, and learning new sport activities and skills. For further clarification on this course please speak to the PHE Department, or your present PHE teacher. This course is open to all Grade 10 to 12 students and meets the Physical Health Education requirement for graduation.

Physical and Health Education 10 - Performance and Sport

This course builds upon the learning experiences from Physical Health Education 8 and 9 and continues to use a variety of physical activities to support students in the development of their physical literacy, pursuit of personal goals related to health, and development of lifelong healthy living. Students will actively participate in a variety of units that include team and individual sports.

Performance and Sport 10 has a strong focus on personal health and performance goals.

Additionally, this specialty course introduces and develops the leadership and athletic skills of

students who are interested in acquiring technical, nutritional, coaching and management experiences in sport. This course is open to any student who is seeking to contribute in a positive way to sport within the community and who is seeking opportunities to set and achieve personal goals for themselves. For more information about this course please see Mr. Stevenson.

Physical and Health Education 10 – Volleyball

This course is designed to provide students with an opportunity to improve their skills through sport. Students will develop, refine and apply movement skills and strategies in a variety of physical activities and environments. Sport specific performance training is also included. Students will have the opportunity to learn the rules of the sport and will be able to act as minor officials in the league and tournaments. Introductory coaching techniques will be taught and students will have the opportunity to demonstrate leadership skills. Additionally, students taking this course will have the opportunity to complete PHE 10 requirements, possibly in part through a package of independent work.

Physical and Health Education 10 – Basketball

This course is designed to provide students with an opportunity to improve their skills through sport. Students will develop, refine and apply movement skills in a variety of physical activities and environments. Students will have the opportunity to learn the rules of the sport and will be able to act as minor officials in the league and tournaments. The basis of this course will be to acquire advanced skills and strategies in Basketball. Additionally, students taking this course will have the opportunity to complete PHE 10 requirements, possibly in part through a package of independent work.

Elective Courses

Physical & Health Education

Volleyball 11-12

This elective course is designed to provide students with an opportunity to improve their skills through sport. Students will develop, refine and apply movement skills and strategies in a variety of physical activities and environments. Sport specific performance training is also included. Students will have the opportunity to learn the rules of the sport and will be able to act as minor officials in the league and tournaments. Introductory coaching techniques will be taught and students will have the opportunity to demonstrate leadership skills.

Basketball 11-12

This elective course is designed to provide students with an opportunity to improve their skills through sport. Students will develop, refine and apply movement skills in a variety of physical activities and environments. Students will have the opportunity to learn the rules of the sport and will be able to act as minor officials in the league and tournaments. The basis of this course will be to acquire advanced skills and strategies in Basketball.

Active Living 11/12

Active Living 11/12 focuses on the development of a personalized approach to healthy, active living. This course requires students to participate in a variety of sport and recreational activities that have the potential to engage students' interest throughout their lives. Students are expected to take on a leadership role in planning, organizing, and implementing activities in this class at times. Students will experience performance and sport-oriented activities and leisure-oriented activities which include bowling, tennis, skating, and swimming. It will also provide students with opportunities to refine previously learned athletic skills and reinforce the attitudes/strategies learned in PHE 9/10. * i.e. co-operation, teamwork, good sportsmanship, leadership, respect for individual differences, interpersonal relationships.

Athletic Performance and Leadership 11/12

This specialty course challenges the leadership and athletic skills of students who are interested in acquiring technical, nutritional, coaching and management experiences in sport. This course is open to any student who is seeking to contribute in a positive way to sport within the community and who is seeking opportunities to set and achieve personal goals for themselves. Students in Grade 11 and 12 may want to select Fitness and Conditioning 11/12 to accompany this course.

Fitness & Conditioning 11/12

The focus will be on supporting and encouraging students to follow a healthy, active lifestyle path. Individual students will design and implement their training plans and are expected to monitor and assess the effectiveness of their plans in relation to personal goals. Students will explore current trends and research in fitness including strength training, core training and flexibility, Olympic lifting and sport-specific training. Basic anatomy and physiology will be covered, and proper technique and safety will be emphasized. During this course, students will split their time between the weight room, the gymnasium, and various external locations. The weight room component will enable students to explore the effectiveness of their personal fitness programs, and the remaining components will have students engaged in sport-specific settings where they will use gameplay to learn about the importance of agility, quickness, and balance, regulating anxiety during play, interpreting successes and failures, strategies for building confidence, preventing burnout, sports first aid & basic anatomy.

Football

Football Theory and Application 10-12 (this course is an elective and does not meet the grade 10 PHE graduation requirement)

This elective course focuses on learning football and theory with position specific skills, defensive and offensive schemes, sports team management and promotion. Students will be critically analyzing film to learn skills and learning how to game plan. They will receive certification for refereeing, first aid, and basic taping skills. Themes will include the importance of being a good ambassador for their sport, school, and community, and potential post-secondary options. Examples of content covered are: formations, motions, man and zone blocking schemes, ball carrying, run blocking, pass blocking,

passing, play-action passing, receiver pass routes, reading defensive blitzes, coverages, gap control, containment principles, blitzes, shifts, stunts, man and zone coverages, special teams, sportsmanship, leadership, on and off field conduct.

Outdoor Education

Outdoor Education 10

Is directed towards developing safety awareness and skills for spending time in the outdoors. Students will learn and practice skills to live an active healthy lifestyle and develop a positive attitude toward environmental stewardship, culture, and community. Students will plan, design, and collaborate with others in a variety of outdoor activities. Possible activities that students in this course may engage in are: local seashore hikes, local mountain hikes, canoeing, stand-up paddle boarding, rock climbing, orienteering, and camping. The course will combine outside time with classroom instruction. There will be instruction in basic first aid, knot tying, principles of Leave No Trace, fishing, water safety, winter safety, conservation, hiking and camping preparation, and how to care for equipment. This course is designed for students who enjoy or want to explore recreational outdoor activities and adventures. Regular hikes/walks and field trips are planned to further enhance the outdoor experience.

Outdoor Education 11

Leads students to further developing an appreciation and understanding of the diverse types of outdoor activities available to us on Vancouver Island. Participation and spending time outdoors allows for the development of outdoor safety skills, responsibility, and awareness of oneself, others, and the environment. Students participation and spending time outdoors allows for the development of outdoor safety skills, responsibility, and awareness of oneself, others, and the environment. Students will plan, design, and collaborate with others in a variety of outdoor activities. Students will develop leadership skills and confidence in: canoeing and paddling, rock climbing, knot tying, hiking, camping, and other activities of their own planning. At this level there will be the possibility to gain various certifications in outdoor activities based on the competency and interest of the student. Students will also be taught basic first aid as well as strategies for adapting and responding to changing conditions and emergencies. This course allows for students to develop a competence in outdoor activities that can increase confidence and encourage lifelong participation. Regular hikes/walks and field trips are planned to further enhance the outdoor experience.

Outdoor Education 12

Directs students towards a lifelong appreciation and awareness of the diverse types of outdoor activities available to us on Vancouver Island. Participation and spending time outdoors allows for the in-depth development of outdoor safety skills, knowledge and awareness of oneself, others, and the environment. Students will plan, design and collaborate with others in a variety of outdoor activities. Students will learn from local First Nations understandings that encourage empathy, sustainability, and social responsibility. Students will develop leadership skills and confidence in: canoeing and paddling, rock climbing, knot tying, hiking, camping, and other activities of their own planning. At this level there will be the possibility to gain various certifications in outdoor activities based on the

competency and interest of the student. Students will also be taught basic first aid as well as strategies for adapting and responding to changing conditions and emergencies. This course allows for students to develop a competence in outdoor activities that can increase confidence and encourage lifelong participation. Regular hikes/walks and field trips are planned to further enhance and apply the outdoor learning experience. Students considering a career or educational path related to recreation, environmental conservation or other related areas would benefit from this curriculum as careers in the outdoors will be explored. No pre-requisites required.

Languages

French 10

These courses build upon basic French skills. Students work diligently to further develop their abilities to listen, speak, read, and write in French to support language acquisition. Students improve their competencies through conversation and comprehension activities. Students learn to express themselves in present, past, and future verb tenses. There are language and cultural components to this course that are designed to increase student engagement and appreciation of the beautiful language and culture within la francophonie, the French-speaking collective of nations. La vie est belle en Français 9 et en Français 10!

French 11 and French 12

French 11 and French 12 continue the development of language acquisition, while supporting long-term vocabulary retention and fluency. Students have opportunities to pursue self-directed learning opportunities in areas of choice to ensure ongoing challenge and engagement with their learning. In these senior level French courses, students begin to flourish. It is quite exciting for them to witness their development, while enjoying the benefits of prior knowledge, study, and learning. By now, students are able to:

- Explore, interpret, and respond personally to a wide variety of texts
- Engage in meaningful conversations on diverse and current topics, with a focus on sharing personal experiences and interests while expressing and justifying personal opinions
- Recognize connections between language and culture, while exploring a wide variety of media
- Identify educational and career opportunities requiring proficiency in second language learning

Good work habits and attendance are important in this interactive course, as the student works to set goals to meet academic and personal growth challenges for their senior high school years and beyond. On voit la vie en rose en Français 11 et en Français 12!

Beginning Hul'q'umi'num 11

This course allows Grade 10, 11 or 12 students to enter the Hul'q'umi'num language program. Upon successful completion of Beginning Hul'q'umi'num 11 students can advance to Hul'q'umi'num 11.

Hul'q'umi'num 10, 11, and 12

Hul'q'umi'num 10, 11, and 12 is a continuation of the Coast Salish language program. Listening, speaking, reading and writing skills are developed. Students are encouraged to create dialogues and stories, design games based on their skills and vocabulary. Hul'q'umi'num is accepted as a second language and meets University requirements.

Applied Design Skills and Technology

Business Education

Entrepreneurship and Marketing 10

Have you ever watched an episode of “Dragons Den” or “Shark Tank” and wondered what it would be like to own your own business, be a part of business negotiations that end with a big smile and handshake? Are you interested in how plastic currency is used, and actually worth something? Entrepreneurship and Marketing 10 is an introductory venture into the world of business, finance and commerce. How do businesses form, become profitable, adapt, and grow their revenue are some topics this class will examine? This course focuses on:

- Personal Finance and banking
- Opportunities for entrepreneurship
- Characteristics of entrepreneurs
- Ways to add value to an existing idea or product
- Differences between invention and innovation
- Barriers that various groups of entrepreneurs face (e.g., First Peoples, women, and new immigrants), and the factors
- that can contribute to their success
- Life cycle of a product from invention/innovation to the marketplace

Marketing and Promotion 11

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice.

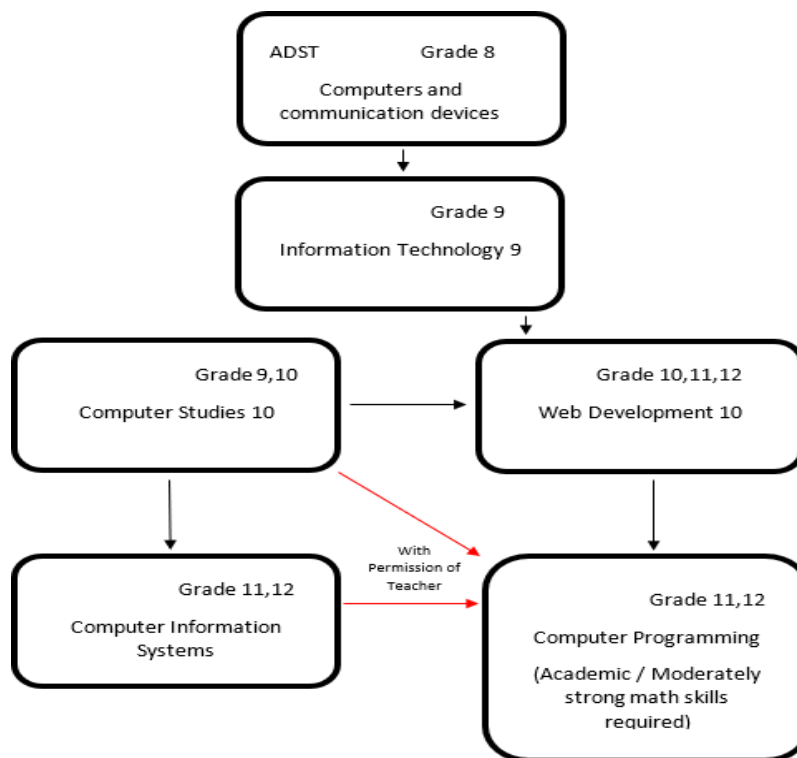
- Ways of marketing and promotion used to persuade the public to buy a product or service
- Target market
- Marketability of a product
- Segmentation, targeting, and positioning of the market, and the promotion of a product's benefits
- Risks associated with marketing a product, such as environmental impacts, financial hardship, and emotional effects
- Forms of advertising that can influence a potential customer
- Cultural issues arising from the translation of a product's name
- Role of advertising in promoting a product or service to an audience in both international and domestic settings

Entrepreneurship 12

“You’re Hired!” Students interested in Business, Finance, and product development will continue to explore the topics of Entrepreneurship and Marketing 10. Students will explore the following topics of study through readings, discussions, presentations, reports, comparative analysis and lecture:

- Opportunities for initiating an entrepreneurial endeavor
- Characteristics of the global market
- Personal networking
- Market analysis
- Ways to control and manage cash flow and tracking expenses
- Business registration and taxation
- Sources of funding and support for a venture

Information and Communication Technology



Computer Studies 10

This introductory course explores the diverse world of computing and digital design. Students will learn essential skills in 3d modeling and printing, programming, and digital illustration. The course covers practical skills like building a computer, web development with HTML/CSS/Javascript, and basic electronics. In the second half of the course, students apply their skills to a self-directed project, allowing them to focus on an area of interest. Students will leave this course with foundational skills in computing and creativity.

Web Development 10

Students will learn to create visually appealing, responsive websites using HTML, CSS, and JavaScript. They will also explore user experience (UX) principles and gain hands-on experience with tools like Adobe Illustrator to enhance web graphics. Students will complete a final project-based unit where they design and build a personalized website, showcasing their creativity and technical skills. This course is perfect for those who want to build their online presence or begin their journey into the world of professional web design.

Computer Information Systems 11-12

CIS 11-12 is a course for students looking to build foundational skills in computing as well as an introduction to more complex topics. Students are introduced to the Python programming language and can extend their learning with the Godot game engine. Using 3d printing, programming, and microcontrollers, students learn about computer hardware, software, and product development. Students will explore CAD, digital design, and programming with opportunities to specialize in their interests through self-directed projects. Whether it's building a high-performance PC, developing a video game, or designing a detailed 3D model, this course offers hands-on learning and practical applications for today's technology driven world.

Computer Programming 11-12

This course is designed for students ready to dive deeper into programming and computational thinking. Building on basic coding skills, students will explore intermediate topics and advanced concepts in languages such as Python and JavaScript, or others relevant to their area of interest. They'll also learn about the software development process, debugging, and version control. A significant portion of the course is dedicated to self-directed projects. Students may focus on areas like game development, automation, or web applications.

3D Design and Modeling (Media Design) 11-12

Students will learn fundamentals of CAD for precision-based design and dive into Blender to create dynamic, artistic 3D models. Explore techniques used in industries like game design, animation, and product prototyping while mastering skills like sculpting, texturing, and rendering. In the latter half of the course, students will complete a personalized project, whether designing game-ready characters, crafting immersive environments, or prototyping real-world objects for 3d printing. No prior experience needed – just a passion for creativity and a desire to learn!

Technology Education

Robotics 10

Robotics is a Project-based course that uses both a digital and hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous and controlled robots. Students will be introduced to Block-based Coding, and VEX Robotics, to build and test different robots, to complete various challenges and programming activities, culminating in an end-of-semester robot contest.

Robotics 11-12

Robotics is a Project-based course that uses both a digital and hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous and controlled robots. Students will learn how to 3D design, and use different forms of coding to complete more complex challenges and programming activities, culminating in an end-of-semester robot contest.

Technology Explorations 10

Students will design and build mechanisms and small vehicles to explore various aspects of powertrains. Some key concepts are energy transmission, efficiency, fuel types, and effects of forces on devices.

Woodworking 10

This course provides an opportunity for students to work creatively with a variety of woods. Safety will be taught through the use of hand and power tools as well as most machines in the shop setting. Students will explore ways that wood can be laminated, shaped and inlaid into aesthetically pleasing and functional projects.

Woodwork 11

This is an introductory woodwork course where students will learn cabinet construction. Special operations will include machine tool operations using jigs and fixtures. Some lathe work will be covered. A study of wood finishing techniques, tool and machine analysis, and types of wood will also be covered.

Woodwork 12

This is an advanced course in quality woodworking. It is for the student who has excelled and enjoyed Carpentry & Joinery 11. The course focuses on good design and the use of theoretical concepts used to produce projects that are both structurally and aesthetically correct. Quality hand crafting of several products will be encouraged. The use of all power machine tools will be stressed, with a focus on special complex operations.

Furniture and Cabinetry 12

This is an advanced course in quality woodworking. It is for the student who has excelled and enjoyed Carpentry & Joinery. Proficiency in specialized techniques and design related to wood-based projects focused on furniture and cabinetry construction including self-selection of materials and processes.

Construction Skills Exploration 10-12

Construction Trades Exploration provides students with the opportunity to learn selected apprenticeship Level 1 technical training skills in a variety of trades including Construction, Electrical, and Plumbing. This course provides students with a smooth transitions from school to work and helps to prepare students to enter the world of work with the skills, attitudes, and sense of responsibility necessary to be successful.

- Introduces students to trades and technology careers through hands on experience
- Enhances job-readiness skills and provides opportunities for the development of new skills.

Students can expect to work outside when weather permits and inside when the weather is poor.

Home Economics and Culinary Arts

Foods

Food Studies 10

Cuisine across Canada is the focus of this course. Learn how to prepare foods that are fun, fast and fantastic while you explore Canada through its unique food styles. The focus will be on culinary foods, techniques and preparation methods, cultural influences and healthy and ethical choices.

Food Studies 11

A Discovery of Cuisines – Take a tour of multicultural foods and develop a higher level of culinary skills. Learn the why's and how's through creative recipe development, meal planning and food preparation. Explore new foods and flavours! Students plan, prepare and enjoy a variety of global foods relating to national and regional food guides. Learn how to apply key concepts of healthy eating, meal planning, budgeting, and healthy living.

Food Studies 12

Do you enjoy cooking? Are you willing to try new food? This advanced foods course will tingle your taste buds with new flavours. Whether it's food with a global flair or gourmet treats, you will experience advanced techniques designed to impress and create tasty treats & meals. You will also explore social, economic, environmental and cultural issues related to food you have created and enjoyed. Bon Appetit!

Culinary Arts

Culinary Arts 10 is a prerequisite for Culinary Arts 11; Food Studies 10 is recommended. Culinary Arts 11 is a prerequisite for Culinary Arts 12

Culinary Arts 10-12

Want to experience life in a real working kitchen? Looking for job experience you can put on a resume? Students rotate through all stations in a commercial training kitchen. Large scale food production is completed in soups, stocks, sauce, meat, vegetables, poultry, sandwiches, salads, short orders, service and introductory baking. Special consideration is given to safe, sanitary and hygienic food preparation. Knife handling and culinary art skills are developed.

Students may take this course more than once for credit. Students select their culinary arts experience level and match it with their current grade:

- Culinary Arts 10-12 Beginner
- Culinary Arts 10-12 Intermediate
- Culinary Arts 11-12 Advanced

Textiles

Textiles 10 - 12

If you like to design and create, and enjoy hands on learning experiences, then Textiles is for YOU! Students will review basic sewing skills: develop advanced techniques; discover the origins, characteristics, care, and cultural aspects of textiles and clothing design; utilize principles of design; and create strategies for altering patterns and upcycling. Through each grade level, students will

advance their skills and in the senior levels you are given opportunities for more self-directed and personally creative projects.

Family Studies 10 - 12

They say we don't come with an owners' manual for life; however, these courses can help by providing knowledge and skills that will assist you in making informed decisions for the rest of your life. Family Studies will focus on relationships (adolescence to adulthood, forming relationships, healthy relationships, effective communication); housing (establishing independent living, money management, interior design); as well as child development and parenting (decision to parent, pregnancy and childbirth, Real Care Baby parenting simulation with "robot babies", childcare and development, child wellness and safety). On Fridays, we have "Tea Time" when we share our thoughts about the weeks' topics.

Family and Society 10

There are many types of families; some are traditional, and others are unconventional, some are biological, and others are chosen. Family relationships can be loving, supportive, annoying and tricky. In this course we learn about who we are at our core and how to optimize our relationships. We learn where big feelings come from and how to manage them. We learn communication styles and how to navigate our way through conflict. We learn to build strong, healthy relationships to support long lasting, positive connections to friends and family. And you thought math was hard! On Fridays we have "Tea Time" to share our thoughts about the week's topics. This is the time when we build a positive community and within the class and become our own family.

Interpersonal and Family Relationships 11

This course is similar to Family and Society 10, except we head straight into the topic of parenthood! We learn about sexual health and decision making. We cover birth control, pregnancy, labour and delivery, and caring for a baby (You get to take home your very own Robot Baby!). We also explore reasons some people choose to not have babies and we tackle gender roles when raising babies. On Fridays we have "Tea Time" to share our thoughts about the week's topics. This is the time when we build a positive community and within the class and become our own family.

Housing and Living Environments 12

Have you ever wanted to design your own house or workspace? Are you curious about what it is like to manage a house or apartment when it's time to move out on your own? Do you know how to change a car tire? This course gives you all the skills that you need to know about living independently, from finding an apartment, to managing a budget, to living with roommates. We also learn how to live life fully without feeling lonely and without going broke in the process. Take this course and be confident you have the skills to live well on your own. On Fridays we have "Tea Time" to share our thoughts about the week's topics. This is the time when we build a positive community and within the class and become our own family.

Visual and Performing Arts

Visual Arts

Images are central to the Visual Arts. In these programs, students have the opportunity to perceive, respond to, and create and communicate through images. In developing images, the student will be involved in the design process - a purposeful artistic activity involving use of a variety of materials, technologies, and processes to organize visual elements according to the principles of art and design. Marking is based on a process of self-evaluation and participation.

Note: Students interested in art courses – particularly Graphics - are encouraged to consider Information Technology courses such as Yearbook and Animation.

Art Studio 10 - Totally Random Art

No holds barred in this art course. Expect the unexpected with drawing painting, sculpting, printmaking, and more.

Studio Arts 2D Drawing & Painting 10 - Sheer Art Attack

Don't like building stuff? This course is for you if you only like making marks on flat (2-D) stuff. It's going to get messy.

Studio Arts 3D Ceramics & Sculpture 10 - Art Outside the Lines

Like building stuff? There are no lines here to hold you back. Build 3-D stuff with clay, metal, foam, wood, pottery wheel, fabrics, plastic, and whatever-the-heck else we can find.

Art Studio 11 - Multimedia Art Encyclopedia

Drawing, painting, sculpting, printmaking, and more. It's a bulk bin shopping cARTfull really.

Studio Arts 2D Drawing & Painting 11 - Everything's Coming Up Artsy

Everything? Well, everything that is two-dimensional. Here is a cornucopia of materials and processes for those who like making their mark in the world with smudges and strokes.

Studio Arts 3D Ceramics & Sculpture 11 - CreARTive Outlet

Crack the safety valve and let the creative steam free. Sky's the limit when building art stuff. And what other art room has a 3-D PRINTER? – seriously!

Graphics Arts 11 - Logos Galore!

Control the minds of the masses with logos, graphics, and illustrations for print and/or web advertising.

Art Studio 12 - A Saucerful of Secrets of Art

Set the controls for the heart of the sun with all that you draw, all that you paint, all that you sculpt, and everything under the sun...is in tune. (But the sun is eclipsed by the moon).

Studio Arts 2D Drawing & Painting 12 - Deviant Artists

For non-conformists who depart from usual or accepted standards. Exert a mysterious influence on the world with your works of beauty and emotional power.

Studio Arts 3D Ceramics & Sculpture 12 - Avast Me Arties

"Yar, I guarantee that 3-D is key fer me.", sez ye? Blast through the armada of the mundane with 3-D excursions off the edge of the globe.

Graphics Arts 12 - Art \$mart

Want to make money with your artistic talents? Graphics is the art of advertising, illustration, and marketing. This is an art course for business-minded, entrepreneurial types - although every day is casual Friday.

Yearbook

Yearbook (Graphic Production) 10 - Get Real

Why doesn't school reflect the real world you ask? Because most schooling is literally all academic (not of practical relevance; of only theoretical interest). In Yearbook we make a meaningful product to be purchased by your peers and KEPT FOR THE REST OF THEIR LIVES. You design the page, create the graphics, write the stories, and take the pictures. Oh, and you get to choose the theme too.

Yearbook (Graphic Production) 11 -Take Charge

Are you a bossy pants who likes to be in control of everything? Then Yearbook is for you. You decide how to report on the school's year and how the book looks. This is a book your peers will keep for the rest of their lives, so why not make your vision - their vision? Mostly we take photos of stuff and create cool graphics and layouts to record how we saw the year.

Yearbook (Graphic Production) 12 - Art Class for Brainiacs

So it's your last year of school. For sure you're buying a Yearbook. Join this class if you want the best Yearbook ever. Lots of opportunities for leadership roles which not only guide how the year is remembered, but also look good on resumes, scholarships and bursaries, and application to post-secondary institutions. All your academic types who avoid "artsy" courses would be wise to join Yearbook.

Photography

Photography 10

This course teaches the use of digital cameras in regard to proper exposure, shutter speeds, apertures and artistic composition. The elements of design will be stressed and put into practice while taking images. Students will learn computer file management skills as well as post production techniques in photoshop, the leading industry standard software used in creating digital imagery.

Photography 11

This course will continue to teach the use of digital cameras in regard to proper exposure, shutter speeds, apertures and artistic composition. Students will work in close contact with the teacher to capture images in and around the school for events (journalistic style) and continue to develop their own personal portfolio of imagery. Photoshop and post production techniques will be developed through one on one instruction and demonstration of online source material.

Photography 12

This course will continue to teach the use of digital cameras in regard to proper exposure, shutter speeds, apertures and artistic composition. Students will work in close contact with the teacher to capture images in and around the school for events (journalistic style) and continue to develop their own personal portfolio of imagery. As a grade 12 student, you must have taken Digital Photography 11 and personal portfolio must have been established. In grade 12, you will expand

your portfolio and demonstrate a digital online showcase of your imagery. Photoshop and postproduction techniques will be developed through one on one instruction and demonstration of online source material.

Content Creator (Digital Communication & Digital Media Development) 10/11/12

Are you interested in experimenting with digital media to create content? Everything you watch these days as a passive viewer comes from a content creator. Some are simple videos taken from a phone using Capcut to edit and some take it to the next level. Do have a business idea and brand and want to start making advertising for? You simply want to make funny and interesting videos? Want to be part of the media team at Barsby to get the news out about sports and other activities? Maybe you want to experiment with the idea of podcasting and see where that takes you? Or maybe you want to make a digital show that presents news and information? There are many paths in this class. It will be project based and self-driven! Bring your exciting ideas to the table and see where it goes! Digital video, photography, audio recording could all be part of this course by using your smart phones and/or our advanced equipment. Its all about experimenting with digital content and media this course! It is open to everyone from beginner to tech savvy students. Its all project based learning with your creative ideas! Sign up for the class and see where it takes you!

Performing Arts

Drama 10

This course encourages students to cultivate the performance skills explored during Drama 9. Students will continue to develop their acting skills through improvisation and in-depth script work. They will begin to apply their understanding of theatrical light and sound to their performance pieces. Students will continue to explore creating/staging original work, and performing independently. The students enrolled in this class will be expected to participate in the Theatre Company's Play Production as a member of the cast or crew.

Acting 11

Throughout this course, students will continue to expand upon the performance skills cultivated in Drama 9 and Drama 10. They will engage with the technical aspects of theatre, focusing on light, sound, and set design. They will write, stage, and perform a piece of original theatre, and commit to refining their acting skills through improvisation and in-depth script work. Students will be seen as leaders in the classroom and encouraged to conduct themselves accordingly. The students enrolled in this class will be expected to participate in the Theatre Company's Play Production as a key member of the cast or crew.

Acting 12

Throughout this course, students will continue to expand upon the performance skills cultivated in Drama 9, Drama 10 and Acting 11. They will engage with the technical aspects of theatre, focusing on light, sound, and set design. They will write, stage, and perform a piece of original theatre, and commit to refining their acting skills through improvisation and in-depth script work. Students will be seen as leaders in the classroom and encouraged to conduct themselves accordingly. The students enrolled in this class will be expected to participate in the Theatre Company's Play Production as a key member of the cast or crew. Provided students have taken a previous Drama or Theatre class, students will have the

opportunity to be involved with the more nuanced components of the production, working in leadership roles like Director and Stage Manager.

Band

Rock Band (Contemporary Music) 10-12

Prerequisite – Rock Band 9 or Director’s Permission (see Mr. Der)

All the skills and experiences learned in Rock Band 9 will be expanded and the introduction of basic audio sound technology will be taught including setting up a Public Address system and peripherals. The focus will be on small group work and dynamics. Improvisation using the blues and pentatonic scales will be encouraged as well as vocal harmonies and a variety of musical genres. There will be many opportunities to perform in the community and possibly abroad.

Leadership

Student Leadership 10 - 12

The focus of Student Leadership 10, 11 & 12 is to increase students’ understanding of leadership and to apply leadership skills and styles in a variety of group and individual projects. This course aims to foster an awareness of our responsibility as individuals and as members of the community. Students have the opportunity to develop lifelong skills in areas such as communication, conflict resolution, problem solving, team building, goal setting, time management, project planning and public speaking.

Peer Tutoring 10

Peer Tutoring 10 is a full semester elective course suitable for students who might be interested in a career in the helping professions (education, health care, social services) and who are able to work independently. Students are placed in a class with a sponsor teacher. They work under the guidance and supervision of that teacher to assist with class activities or work with individual students. Peer tutoring helps students develop communication, problem solving, interpersonal, and leadership skills.

Peer Tutoring 11 and 12

Peer Tutoring 11 and 12 can be taken without previously taking Peer Tutoring 10. They are full semester courses suitable for students who might be interested in a career in the helping professions (education, health care, social services) and who are able to work independently. Students are placed in a class with a sponsor teacher. They work under the guidance and supervision of that teacher to assist with class activities or work with individual students. Peer tutoring helps students develop communication, problem solving, interpersonal, and leadership skills. Peer tutoring 11 and 12 provide valuable high school leadership experience that can be included on scholarship applications, job applications, resumes, and post-secondary application letters.