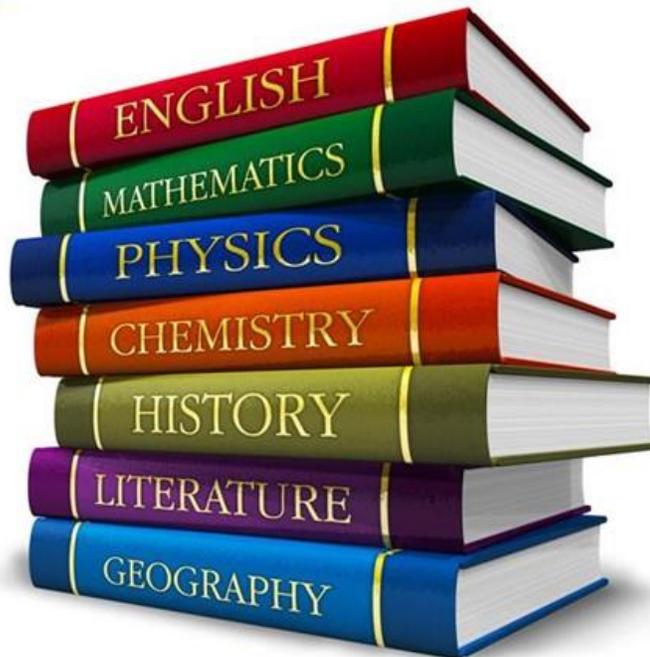




HIGHLAND Secondary School



JUNIOR PROGRAMMING GUIDE 2022-2023

Highland's Website can be found at <https://www.comoxvalleyschools.ca/highland-secondary/>

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WELCOME TO HIGHLAND

We extend a very warm welcome to you. Upon arrival at school, you automatically become a member of one of Highland's Houses and one of its Advisor groups. The Houses will have approximately 15 Advisor groups in each House. Your assignment to a House and an Advisor group enables you to develop a close identity with a group of students and teachers during your stay at Highland. Over the years, this has helped Highland maintain a positive school culture.

The school year at Highland is divided into two semesters. In each of the semesters your timetable will consist of four class periods and a lunch period. Classes run from 9:00 am until 3:20 pm, and each class period is about one hour and fifteen minutes in length.

At Highland you will find up-to-date technology, featuring networked computer labs in the library, the drafting room, the multi-media and the graphics lab. Computers are used for a variety of courses as well as to help you to make career choices in your Grade 11 and Grade 12 years.

Highland is justifiably proud of the standards achieved by its students in the areas of English, Mathematics, Science, French, and Social Studies. Each year many students receive local and provincial scholarships and bursaries. In addition to "traditional" academic courses, courses are available in music, art, technology, home economics, physical education, computers, and drama.

We encourage you to become involved in your school. Each year there is a wide range of intramural events, sports teams, service clubs, student government activities and music and drama events. These activities will not only provide enjoyment they will also enable you to develop positive skills and attitudes. By getting involved, you will make the best of your high school years.

GRADUATION REQUIREMENTS

80 CREDITS OVER GRADES 10, 11 AND 12

52 required credits:

- Language Arts 10 (4 credits)
- Language Arts 11 (4 credits)
- Language Arts 12 (4 credits)
- Social Studies 10 (4 credits)
- A Social Studies 11 or 12 (4 credits)
- Science 10 (4 credits)
- A Science 11 or 12 (4 credits)
- Mathematics 10 (4 credits)
- Mathematics 11 or 12 (4 credits)
- Physical and Health Education 10 (4 credits)
- Fine Arts and/or Applied Skills ;10, 11 or 12 (4 credits)
- Career Life Education (4 credits)
- Career Life Connections (4 credits)

Students must also:

- complete a minimum of **28 elective credits**

The minimum total number of credits required for graduation is 80.

An unlimited number of credits from board or independent school authority authorized or post-secondary electives may count toward graduation.

A minimum of 16 credits from either ministry or board/authority authorized or post-secondary courses are required at the Grade 12 level.

INDEPENDENT LEARNING CENTER (ILC)

Have you ever wanted to learn in your own way? Do you want to take a course that isn't available in the regular timetable? Do you want to make your own course? If you answer yes to any of these, the ILC may be for you.

In the ILC, students set learning goals, and pace themselves through a term, or a semester, to achieve a specific goal, or complete a specific course. A teacher/facilitator is present to help students manage the multi-faceted demands of independent learning.

Students have two choices – to complete an online course readily available through any BC certified distributed learning school OR to complete an Independent Directed Study (IDS) in any area of interest. If you take a certified online course, you receive credit for that course (i.e., not for the ILC block). If you do an IDS course you receive credit for that work if it is deemed to represent 2-4 credits worth of work.

Independent learning is not for everyone. You need to be able to self-motivate and self-regulate. Only students who have demonstrated some promise as an independent learner will be eligible to have a block in the ILC. It is expected that students use their time wisely in the ILC as there is always a waiting list of students wanting to get an ILC block. The ILC is not a study block, nor is it a place to socialize. If you are not successful in the ILC, you will not be eligible for another ILC block in the future. Access to the ILC is a privilege.

For more information about the ILC find the link on the Highland website.

NAVIGATE (NIDES)



High School Students may take a FREE course via distributed learning while attending high school!

There are no tuition fees for BC high school students who in enroll in a secondary (grades 10-12) course via distributed learning. Resources are provided free of charge.

Students, if you have the energy and drive to be an independent and self-paced learner, you may wish to take a course via distributed learning at North Island Distance Education School (navigate), right here in SD#71.

Required core courses and electives are available. Choose from academic courses at the 10-12 level:

English, Math, Social Studies, Science, Physical Education, Planning 10. Elective courses include: International Languages, Photography, Business courses and Information Technology. Psychology 11 and 12, Family Studies 11, Sports and Entertainment Marketing 11, Tourism 11 and Comparative Civilizations 12 Visit the navigate website www.navigatenides.com to find a complete list of available courses.

- Students should consult their school counsellor about suitability of course selection for graduation in advance of enrolment. (Navigate will notify the student's school of any enrolments.)
- Enroll in a course when you are ready to begin. Students can start most courses at any time.
- Unit tests are usually written at the local high school.
- Students will require access to an internet capable computer.
- navigate teachers are available to students via email or telephone to provide support to students.
- navigate teachers are present at each school on a regular basis to provide academic support or to supervise tests.

*(*Free tuition does not apply to non-BC residents. Students in the International Program may enroll but tuition fees will apply.)*

Enrolment Procedure – Enrolment is ONLINE

1. Visit the navigate website www.navigatenides.com and select the Registration Tab.
2. Complete the online Registration Form for Secondary students
3. Complete the online First Assignment for the required course(s).
4. Students will receive an email with their login information for online courses, and any required resources will be sent from navigate.

2505 Smith Road
Courtenay, British Columbia, Canada, V9J 1T6
1-800-663-7925 250-337-5300 Fax 250-337-2310



CAREER EXPLORATION

Career Planning

Visit our website careers.sd71.bc.ca

A very important component of any Career Planning is connecting students to the 'world of work' through **work experience**. Work experience validates whether a student's interests and predicted career pathway is realistic or needs adjusting. Highland offers the following programs to link students with the workforce.

Career Experience – 30 Hour Career Life Connections Requirement

Students are required to complete a minimum of 30 hours of volunteer and/or career experience between Grades 10 and 12.

To complete a minimum of 30 hours of career experience, a student may participate in one or more of the following activities:

- school-arranged career experience
- day shadowing (one or more short-term industry visit)
- volunteer work/community service

The goal of career experience is two-fold. Firstly, it's an opportunity for youth to experience, and communicate, with an adult in their chosen career path and secondly, for youth to become aware of, and practice, employability skills such as punctuality, communication, teamwork, positive work ethic and attitudes. Students may choose career experience to train for entry-level employment or a placement related to future career goals.

For school-arranged career experience, Work Experience Teachers and Coordinators connect students with career experience opportunities within the community. Students access the worksite under regulated hours and conditions and are closely supervised. While in high school, students are covered under a provincial WorkSafeBC agreement in case they get injured while on the job. This type of coverage only occurs for high school students, so it is a good way for students to be able to be on a job site, without the employer having to hire them.

Work Experience 12A & 12B (Open to grades 10, 11 and 12)

Long-term work experience is open to Grade 10, 11 and 12 students who have an interest in pursuing almost any career area. In Work Experience 12A & 12B, a student

spends 100 hours training at one or more worksite. By doing this, skills are learned, and questions are answered before career decisions are made; students may realize they love the field they are exploring, or that they would like to pursue a different career path. Students choose placements according to their current interests. Students typically work after school, on weekends, or during the school day (this course can be extra-sessional, which means that a student could have 9 or 10 courses listed on their timetable).

Students can sign up for a Work Experience course before summer vacation begins and complete their 100 hours over the break.

Benefits of work experience are:

- earn 4-8 credits toward graduation
- receive pre-employment job training
- help make decisions about potential career paths
- build a network of valuable industry contacts
- potentially secure paid employment
- complete a pre-requisite for some post-secondary education
- connect with apprenticeship opportunities
- learn workplace skills that are transferable to other employers
- learn how to run your own business.

Contact the Work Experience Coordinator or Career Center Teacher for information.

Metal Mechanical Trade Sampler

This program is intended to prepare students to go into any of the metal or transportation trades. It is a full-time program, 4 days per week, and combines applied math and communication skills with hands on project work. There will be field trips to industry and training institutions to better assist students in choosing a career path. It is open to grade 11 and 12 students.

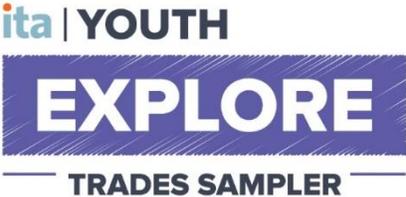


<p>What You Need...</p> <ul style="list-style-type: none"> ➤ Mechanical Interest ➤ Desire to work in a trade involving mechanics or metal ➤ Good attendance and a strong work ethic 	<p>What You Get...</p> <ul style="list-style-type: none"> ➤ Applied math ➤ 16 credits ➤ Practical “hands on” training experience ➤ Valuable Industry Experience ➤ Workforce training certificates like First Aid, WHMIS, Forklift, etc.
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend a semester fully immersed in metal work/mechanics/machining ➤ Monthly tours to industry shops to learn about different careers 	

- 4 days in shop and 1 day per week on work experience in mechanics shop, or metal shop

Construction Trade Sampler

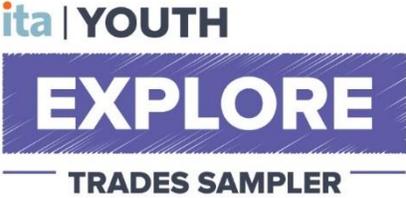
The goal of the Construction Trade sampler is to prepare students to explore a career in the construction industry by developing practical skills. Some students may decide on a college trade foundation program as an ITA Train Student upon completion of this program. If interested, please go to the work experience office and pick up a district ACE IT application to be completed and handed back in. The program starts semester 2 of your grade 11 or 12 year.



<p>What you Need...</p> <ul style="list-style-type: none"> ➤ Enjoy working outside ➤ Desire to work in Construction Trade ➤ Good attendance and a strong work ethic ➤ Like to build structures 	<p>What You Get ...</p> <ul style="list-style-type: none"> ➤ Applied math ➤ 16 credits ➤ Practical “hands on” training experience ➤ Valuable Industry Experience ➤ Workforce training certificates like First Aid, WHMIS, Forklift, Fall protection
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend a semester fully immersed in the construction trades such as carpentry, electrical, plumbing, drywall, etc. ➤ 4 days in shop and 1 day per week on work experience in construction trades and working on workforce training certificates. 	

Transportation Trade Sampler

This program is intended to introduce students to the many careers related to the automotive and transportation Industry. Students will explore the following trades: Auto Mechanics, Heavy Duty Mechanics, Marine Mechanics, and Aircraft Mechanics. This is a full-time semester program focusing on “hands on” skill and knowledge development. There will be a focus on ITA essential skills, field trips to relevant businesses, and project building in the shop. Math will be interspersed with day-to-day learning. This course is open to all grade 11 and 12 students.



<p>What You Need...</p> <ul style="list-style-type: none"> ➤ Automotive interest ➤ Desire to work in a trade involving mechanics ➤ Good attendance and strong work ethic 	<p>What You Get...</p> <ul style="list-style-type: none"> ➤ Workplace Math 11 or 12 Credit ➤ 16 additional credits ➤ Practical “hands on” work experience training ➤ Valuable Industry Experience ➤ Workforce training certificates
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend a semester fully immersed in automotive/mechanics/electronics ➤ Monthly tours to industry shops to learn about different careers ➤ 4 days in shop and 1 day per week on work experience in auto shop 	

Work in Trades (Secondary School Apprenticeship – SSA)

What is Secondary School Apprenticeship (SSA)?
 Secondary School Apprenticeship is open to Grade 10-12 students, 15 years of age or older, who are motivated to gain hands-on training in a designated trade.

Hidden Apprentice: If you are presently working in a Trade related job, contact your Work Experience Coordinator to see if you qualify as an SSA. It can mean receiving graduation credits for learning outside of school, and you can qualify for a \$1,000 award.

Need more information?

Visit the Industry Training Authority web site: www.itabc.ca



Train in Trades (ACE IT)

- Train in Trades programs allow students to earn credit towards both high school graduation and trades qualifications.
- Students in Train in Trades programs will complete level 1 apprenticeship technical training in their chosen trade and gain valuable practical experience.
- Work in Trades students also qualify for the Train program.
- Train programs involve course work at high school and/or college.
- Train programs cover tuition costs.
- Students should start planning Train courses by Grade 11.



District Apprenticeship Programs:

Automotive Collision Repair (ACR) – Level 1 Train in Trades



The Automotive Collision Repair program will provide the opportunity for students to begin working towards rewarding auto body careers. This program will be delivered through online instruction and work placement in the community.

<p>What You Need...</p> <ul style="list-style-type: none"> ➤ Previous attendance in as many automotive courses as possible ➤ Desire to work in a trade involving mechanics ➤ Good attendance and a strong work ethic ➤ Good Manual dexterity and hand-eye coordination ➤ An “L: driver’s license” 	<p>What You Get...</p> <ul style="list-style-type: none"> ➤ Level 1 Automotive Collision Repair Certification ➤ Tuition savings of up to \$2,700 ➤ Earn 16 credits ➤ Practical “hands on” training experience ➤ “A foot in the door” into the Automotive Repair Industry
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend your final semester of grade 12 working online to achieve 70% or greater in course work ➤ Hands-on work experience in a local automotive collision repair shop ➤ Master the theoretical and practical knowledge necessary to successfully write the Level 1 ACR test 	

Professional Cook 1

Do you enjoy working in a kitchen environment and creating tasteful food? Maybe you can see yourself in the fast-paced tourism industry working wherever you want, and mix in some travel? Possibly you like to express your creative self through food preparation. This program can lead to a Red Seal Certification. This program is offered through a partnership with Camosun College and combines online learning, hands on training with a chef in a restaurant and one day a week classroom training.

<p>What You Need...</p> <ul style="list-style-type: none"> ➤ Have a passion in the Culinary field ➤ Desire to work in the Hospitality and Food industry 	<p>What You Get...</p> <ul style="list-style-type: none"> ➤ Professional Cook 1 Certification of Qualification ➤ Practical “hands on” training experience 
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Professional Cook 1

What You Will Do...

- Spend roughly 2 hours per day with online learning.
- 15-20 hours a week at a local high-end restaurant.
- 1 full day at Mark Isfeld Secondary working on Labs with a Home Economics teacher.



Train in Trades programs offered

Auto Service Technician	Aircraft Structures
Plumbing	Carpentry
Metal Fabrication	Welding
Professional Cook	Electrical
Heavy Duty Mechanic	Hairstyling
Auto Collision Repair	Cook

Go to the school district careers web page careers.sd71.bc.ca to learn more, and get an application from the Work Experience Office, don't delay

Dual Credit Opportunities with North Island College

English 115 and 120, Psychology 130 and 131, Business 162, Fine Arts

<p>What You Need...</p> <ul style="list-style-type: none"> ➤ Desire to explore the rigor of college level courses. ➤ Good attendance and a strong work ethic. ➤ Complete English 12 prior to second semester of your grade 12 year. 	<p>What You Get...</p> <ul style="list-style-type: none"> ➤ University Transfer course credits. These are transferable to most Universities. ➤ 4 Graduation credits per course. ➤ School district pays your tuition (\$250 per course)
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend your last semester making the transition to Post Secondary. Go to NIC at the Courtenay Campus, presently 2 afternoon courses per week. For example (Tuesday 1 – 3, and Thursday 1 – 4). Please visit the Work Experience office for more information. 	

UNDERSTANDING MATHEMATICS 10

“What are the new Pathway Names and what is in them?”

Each pathway is designed to provide students with the mathematical understandings, rigor and critical-thinking skills that have been identified for specific post-secondary programs of study and for direct entry into the work force. The content of each pathway has been based on the *Western and Northern Canadian Protocol (WNCP)* which governs curriculum in the Western Provinces and Northern Territories. There are three pathways of courses to consider:

Workplace Mathematics (Courses at grade 10, 11 and 12)

This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post-secondary and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability.

Foundations of Mathematics (Courses at grade 11 and 12)

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus like Economics, Geography, Arts or Humanities. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, and statistics and probability. Most students will choose this pathway.

Pre-calculus (Courses at grade 11 and 12)

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus like Sciences or Engineering. Topics include algebra and number, measurement, relations and functions, trigonometry, permutations, combinations and binomial theorem. A small number of students will choose this pathway because of the higher-level topics included in it.

“Which Math course is best suited to my child?”

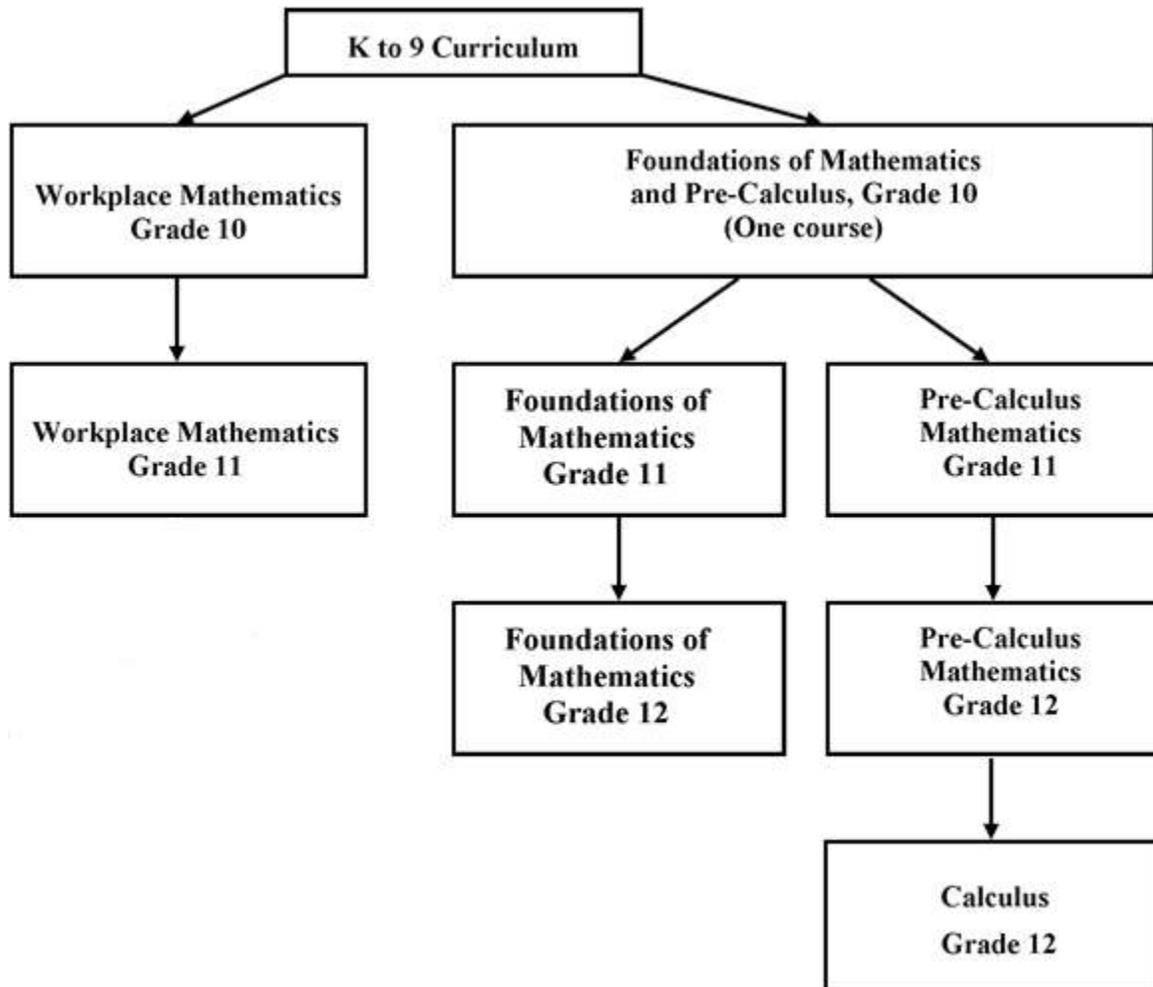
While there is no “rule” about which Math course is right for each student, the decision can be made easier by thinking about your child’s ability in Math, his/her interest in Math, and his/her future education and career plans. The new courses have been designed to facilitate student success after high school. **For example:** If your child has worked hard in Math 8 or 9, enjoys working on projects or “hands-on” activities, or intends to pursue a trade or technical job after high school, and then choose the **Workplace pathway**.

If your child has worked hard in Math 8 or 9, enjoys working on projects or “hands-on” activities, or is planning further study in the Social Sciences like Economics, Geography, Psychology, Arts or Humanities at post-secondary, then the **Foundations pathway** will be the best choice. If your child has been very successful in Math 8 and 9, enjoys the challenges of Math, and is thinking about future education

or a career that involves Sciences or Engineering at a university, then starting the **Pre-Calculus pathway** will be the best choice.

Your child's education choice after high school depends, in part, on the courses he/she takes in high school. To find out more information about each pathway option, please talk to your child's Principal, counselor and math teacher as well as visit www.wncp.ca for more curriculum information. **Parents need to remember that grade 10 has ONLY two courses but there are three pathways in grade 11 to 12. Please review the diagram below. Students who choose grade 10 Workplace Math cannot move to the Foundations stream easily. The learning outcomes of Workplace 10 are not designed to support students going into Foundations 11.**

MATHEMATICS PATHWAYS



GRADE 9 REQUIRED COURSES

Careers Education 9

The Career Education supports students in becoming successful, educated citizens by helping them learn how to effectively manage their life journey toward preferred future possibilities. Students identify and develop their personal interests, passions, and competencies. Students reflect on learning experiences in school and community, build confidence through their contributions, and explore multiple career-life roles and choices.

English 9

English 9 is a literature-based course that continues to develop key concepts in writing, thinking and communicating. Students will study short stories, novels, poetry and essays. Students will read a variety of text, which may include anything from Shakespeare and other plays, to globally-themed novels and articles. Inquiry activities and projects will be a focus. This course is in conjunction with Social Studies 9 as Humanities.

Mathematics 9

This course will cover a range of topics that will assist in preparing students for the challenges of future Math courses. Topics will include: Number operations, Rational numbers, Algebraic expressions and equations, Powers, Polynomials, Surface area and Volume of 3-D objects, Geometry, Data Analysis and Probability.

Physical & Health Education 9

This course focuses on recreational activities and personal fitness development. Topics will include a variety of recreation activities such as ultimate, softball, and badminton. Students will have the opportunity to design and participate in a personal fitness program, and to participate in a comprehensive health unit. Evaluation and assessment will focus on improvement and enjoyment of physical activity.

Physical & Health Education 9: Fitness Studio for Girls

This course is designed to encourage young women to participate in a wide variety of activities in a co-operative and positive environment. Further development of physical literacy, knowledge and individual fitness is a priority. Some of these activities are individual by nature, while others are more team-oriented. Yoga, Pilates and exercises set to music will be regular aspects of the course.

Science 9

Building on laboratory skills and the methods of scientific inquiry introduced in Grade 8, students discover some of the more basic principles of physics, chemistry, biology and space science through experimentation. The biology unit covers cell division and reproduction. The chemistry unit studies atomic structure, chemical formulae, chemical changes and chemical equations. The physics unit covers the characteristics of electricity. The space science unit studies the universe and our solar system.

Social Studies 9

This course covers the various historical and philosophical events in Europe and North America from 1750 to 1919 that had a direct impact on European-North America development. It covers geography, the disparities in power and the impact on individuals and society, as well as the influences on political, social, and economic changes. Current events, global connections, inquiry and simulation experiences will enhance our understanding of people and issues.

GRADE 10 REQUIRED COURSES

English Language Arts 10

Credits: 4

English Language Arts 10 is a semester-long course incorporating composition and literary studies. Students will develop their written communication skills through the critical process of questioning, exploring, and sampling. Students will read and study compositions by a variety of writers (including First Peoples) and consider a variety of styles as models for the development of their writing.

Foundations of Mathematics & Pre-Calculus 10

Credits: 4

This Math course is the first in a series of 2 pathways for Grades 11 and 12. FPC10 topics include algebra, number, measurement, relations and functions. The FPC10 course leads to a Foundations pathway and a Pre-Calculus pathway. A strong work ethic is recommended for students to be successful in this course.

The Foundations 11 and 12 pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do NOT require the study of theoretical calculus like Economics, Geography, Arts or Humanities.

The Pre-Calculus pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus like Sciences or Engineering Study of Commerce. For more information about the Math choices in grades 10-12, see page 16 and 17 of this guide.

Workplace Mathematics 10

Credits: 4

Workplace Math topics include geometry, trigonometry, measurement and finance. The Workplace Math courses are specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into some of trades at post-secondary and for direct entry into the work force. For more information about the Math choices at grade see pages 16 and 17 of this guide.

Career Life Education 10

Credits: 2

The aim of Career Life Education is to enable students to become self-directed individuals who set goals and make thoughtful decisions about their future. The course includes information about the graduation program, financial planning, workplace etiquette, standards and safety, education and careers, and global and labour market trends. This is a 4-credit course with 2 credits given for the course content and 2 credits for completing 30 hours of Career Experience.

Physical & Health Education 10

This course focuses on recreational activities and personal fitness development. Topics will include a variety of recreation activities such as ultimate, softball, and badminton. Students will have the opportunity to design and participate in a personal fitness program, and to participate in a comprehensive health unit. Evaluation and assessment will focus on improvement and enjoyment of physical activity.

Physical & Health Education 10: Fitness Studio for Girls

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Science 10

Credits: 4

This course studies four essential areas: chemistry, biology, physics and earth science. Students will be given the opportunity to develop skills in interpreting data, analyzing chemical reactions and evaluating aspects of climate change.

Social Studies 10

Credits: 4

The major focus of this course is Canada, its history and relationship with the world. Topic studies will include Canadian history during the 20th century, Canadian government, and human geography.

LANGUAGE COURSES

French 9

Join your friends as you explore themes such as food, music, sports and movies. Students will build skills in all language areas and gain a greater understanding of French culture with a particular emphasis on Quebec culture. Add some new music to your playlist, learn about an iconic Québec restaurant chain and develop a greater appreciation for the life and times of one of Canada's most famous hockey players.

French 10

Credits: 4

While continuing to learn French, you'll also develop important skills such as handling a job interview and making wise consumer choices. From a cultural perspective you'll gain insight into the diversity of the province of Quebec: from tourism opportunities in Montréal to the challenges sometimes faced by citizens in remote communities. Interact daily with your peers in this multi-faceted learning experience.

GRADE 9/10 ELECTIVES

ART CLASSES

Art 9/10

Credits: Grade 10 -- 2

This is a creative course in Art covering the basics in both 2D and 3D, including drawing, painting, colour theory, basic design, printmaking, clay work and sculpture. Emphasis will be on students improving their ability to express themselves in art as they develop their skills.

BAND AND MUSIC CLASSES

Band 9/10

Credits: Grade 10 -- 4

This course continues to develop the instrumental background from Band 8 and Band 9. We will play and perform a variety of fun and challenging music in a wide variety of styles throughout the year. The emphasis is on group and individual achievement as well as class cooperation. Students will perform in two major school concerts as well as at festivals and on the spring band trip. Students need to be members of this class if they wish to join Jazz Band.

Chorus 9/10

Credits: Grade 10 -- 4

This course introduces students to singing in a group setting, but also welcomes experienced singers as leaders in the group. The class will work on fun and challenging songs in 3 and 4-part harmony in a wide variety of styles. Solo possibilities exist, but no solo singing is required. Choir meets at lunch and after school, so you do not have to sign up for it on the course selection sheet. Enrollment will take place in September. Students will perform in a choir festival, at all three Comox elementary schools, and at the two major school concerts.

Jazz Band 9/10

Credits: Grade 10 -- 4

This course gives students the chance to develop playing skills in jazz, rock and Latin music. Basics of jazz improvisation will be introduced, but the main emphasis is on playing and enjoying different musical styles. Jazz Band meets at lunch and after school, so you do not have to sign up for it on the course selection sheet. Enrollment will take place in September. Jazz Band members will perform at two major concerts during the year as well as on the Spring Music trip. All Jazz Band members must also be in Band 9/10.

COMPUTER CLASSES

Digital Photography 9/10 Credits: Grade 10--2

This is an introductory level photography course where students will learn composition skills, camera basics, photo management & photo editing skills using Photoshop. Students who have taken the course at the Grade 9 level will be encouraged to build on existing skills through a new set of assignments. Access to a digital camera will be an asset; however, it is not a requirement.

Maker Space 9/10

Credits: Grade 10 -- 2

The Maker Space is an environment which allows students to choose a technology area(s) they can pursue under the instruction and guidance a teacher. Areas of study may include Electronics, Engineering, Robotics, Computer Programming, Graphic Production and possibly more. Students may choose one or multiple blocks of Maker Space.

Graphic and Media Design 9/10

Credits: Grade 10--2

Media Studies is a computer course in which several digital pathways will be explored depending on the interest and/or needs of the students. These pathways may include: Animation including 2D Modeling and Stop Motion Animation, Television and Film Production, Digital Photography including the use of Photoshop, Web Design and/or Graphic Design. This course runs in a series of levels; complete level one and move on to levels two and three. Students will have the opportunity to build on skills in each level and will be challenged to take on larger projects.

Yearbook 9/10

Credits: Grade 10 --2

A yearbook is the most important document produced during a school year. Students involved in this class will have the opportunity to record the history by writing about, taking photographs of and laying out images in Highland's yearbook. Anyone interested in graphic design and in working with colour will find this class a great addition to their portfolio and their resume. Careers related to Yearbook include Journalism, Photojournalism, Writing, Scriptwriting, Travel writing, Self-publishing, Science and technical writing, Copywriting, Broadcast journalism, Public relations, Newspaper Editor, Magazine Publisher, Advertising and promotion, Film and Video editors, Reporter, Overseas Correspondent.

DRAMA CLASSES

Drama 9/10

Credits: Grade 10 -- 2

Drama is a fun, creative, challenging and active elective. Students will continue to build on the skills, attitudes and experiences developed in Drama 8. Exploration, ensemble and imagination are a must! We will work on games, improvisation, voice, movement and basic acting skills. Students will learn to work from scripts and may choose to produce a live performance!

Improv 9/10

Credits: Grade 10 -- 2

This is a course about creating engaging, live, spontaneous theatre using minimal costumes or props. Students will learn the skills needed to create original scenes, characters and stories using physical theatre and voice. Strong emphasis is placed on the strength of building the ensemble, rehearsal and commitment. Course content is linked with the goals and philosophies of the Canadian Improv Games. Our school's improv teams may be formed within this class. A strong desire and commitment to perform is required.

HOME ECONOMICS

Global Foods 9/10

Credits: Grade 10 -- 2

Ever wonder where the foods we eat come from or what other cultures eat and why? Join the world tour; cook and eat your way around the world. You learn to expand your "normal" diet to include foods you might otherwise never learn to make! And some you already love!

Food Studies 9/10 Credits: Grade 10 -- 2

Learn how to make all 5 meals of the day (Breakfast, Lunch, snacks, dinners, desserts). In this course we focus on improving your kitchen skills and nutrition knowledge while enjoying good food.

PHYSICAL EDUCATION

Fitness 9/10 Credits: Grade 10 -- 2

This class is for active students who want to stay fit and learn more about their fitness. Student will make regular use of the weight room and running will be a regular part of the class.

TECHNOLOGY EDUCATION

Introduction to Trades 9/10 Credits Grade 10 -- 2

In this participatory and hands-on course, students will be introduced to a variety of trades-based experiences, including safe use of tools and machinery, and programs available to them in BC. We will focus on two trades – carpentry and electrical – and will build a small introductory project, small housing units, and complete several Electrical labs in this course. Through online resources and experience in the shop, you will discover all that trades and apprenticeship training can offer...and some cool skills along the way!

Jewelry & Metalwork 9/10 Credits: Grade 10 -- 2

In this exciting course, you will design and create several unique and diverse projects out of metal. Students will develop skills in safely operating torches, saws, hammers, and other tools to craft beautiful pieces that will last a lifetime.

Maker Space 9/10 Credits: Grade 10 -- 2

The Maker Space is an environment which allows students to choose a technology area(s) they can pursue under the instruction and guidance a teacher. Areas of study may include Electronics, Engineering, Robotics, Computer Programming, Graphic Production and possibly more. Students may choose one or multiple blocks of Maker Space.

Robotics71 Credits: Grade 10 -- 4

The Robotics71 is a District STEM program geared towards students interested in robotics and the Engineering field. The program/course is open to all Comox Valley Schools students in Grade 8 through Grade 12 and will be offered in the “Botshop” at Highland Secondary School Tuesday and Thursday afterschool from 4:00pm – 6:00pm beginning in mid-September and running until June.

- The program builds skills in; coding, communication and collaboration, electronic wiring, mechanical design and assembly, machining & fabrication, 3D printing & laser cutting.
- Students have the opportunity to compete in Vex and Skills Canada tournaments (locally, provincially, nationally, internationally)

Robotics 9/10

Credits: Grade 10 -- 2

This course allows students to enter into the world of electronic\robotic systems using many different materials, techniques and machining processes. Students will learn programming skills to control mechanical systems and make them move. There are two main projects that will be worked on: Vex robotics to build and program robots and drive and pick things up and the other is a mini tethered Sumo Bot that will push other bots out of the ring. 3D modelling and the use of a 3D printer and laser engraver will be a part of the course as well. This is a hands-on course.

Small Engines 9/10

Credits: Grade 10 -- 2

Do you like things that go FAST? Ever wonder how they do? If so, then this is the course for you. In a single term you will learn how to diagnose, maintain and repair small-sized gasoline powered engines. You will completely tear down and rebuild both a 4-stroke and a 2-stroke engine. And as if that wasn't enough, you will also compete to best harness the power of a small 2-stroke aircraft engine to propel a drag boat of your own creation. This course may only be taken once, in either grade 9 or grade 10.

Woodwork 9/10

Credits Grade 10 -- 2

Do you like working with your hands and being creative? Have you ever wanted to build your own projects, discover the world of tools, and have fun in the process? Woodwork is a class where you will design and construct several skill-building projects that alternate from year to year. Students will develop skills in safely operating woodworking machinery and in following procedures to build a project.

MISCELLANEOUS ELECTIVE CLASSES

Emergency Care 9/10

Credits: Grade 10 -- 2

Students will become confident first aid attendants who are able to deal with many emergency situations after taking this course. Basic human anatomy, earthquake and natural disaster preparedness are included in this standard first aid course. Students are expected to participate in scenarios and practical activities where they will be asked to role-play and demonstrate the first aid techniques taught in class. Learning first aid is an extremely valuable life skill and all students will have the opportunity to become certified in the St. John Ambulance Standard First Aid Course.

Marine Biology 9/10

Credits: Grade 10 -- 2

This elective gives students a chance to explore oceanography and marine biomes. Barrier reefs, atolls, the open ocean, the abyss, and the life that lives there are introduced through a variety of project-based activities, video, media and field trips. Perfect for students living on the west coast and who plan to travel worldwide.