

**C.B.S.S.**

**COURSE SELECTION PROGRAM  
GRADES 9/10 – 2010/2011**

1. This package includes 2 items:
  - a) Course outlines for grades 9/10
  - b) Course selection sheets for grades 9/10
2. After reading through the information with your parents, make your selections.
3. Turn in the **yellow/green** course selection sheet to Mr. Plecas or Ms. Glinsbockel no later than \_\_\_\_\_.

**BE SURE TO HAVE YOUR SHEET SIGNED**

4. We will program students on a first-come, first-served basis, so those students who wait until the last minute may find some courses are full and therefore unavailable to them.
5. If you require assistance with your course selections, please call the school for an appointment at 547-2191.
6. Turn in the yellow/green course selection sheet to Mr. Plecas no later than \_\_\_\_\_.

**BE SURE TO HAVE YOUR SHEET SIGNED**

7. We will program students on a first-come, first-served basis, so those students who wait until the last minute may find some courses are full and therefore unavailable to them.
8. If you require assistance with your course selections, please contact the school at 547-2191 to make an appointment with either Ms Glinsbockel or Mr Plecas.

**CHARLES BLOOM SECONDARY SCHOOL**  
**COURSE SELECTION BOOKLET**  
**GRADES 9/10 – 2010/2011**

### **INTRODUCTION**

Charles Bloom Secondary offers programs, services and opportunities to meet the needs learners. Active participation of students and parents in formulating choices for optimum educational and career goals is strongly encouraged

We encourage students to select courses to further explore their talents, abilities and interests. In doing so, students are then likely to make wise choices towards their graduation program, which will provide options at the post-secondary level and in the workplace.

CBSS will ensure that information is available to students and parents and will help them make appropriate choices in course selection. However, it is the responsibility of each student and his/her parents/guardians to make choices that best meets the needs for their long-term goals.

### **Student Support Services**

#### **COUNSELLING**

Counsellors welcome all students, and especially those who are new to our school to drop in and see them (no appointment necessary).

Students use counselling services in a variety of ways:

- to explore and develop educational goals
- to mediate between peers, school and their parents
- for self exploration
- to assist in resolving confidential personal issues
- during time of crisis

Through personal, educational and career counselling, students are helped to discover their strengths, challenges, needs and values. They are encouraged to develop qualities which will help them become self-reliant.

Students can make their own appointment with either Mr. Plecas or Ms. Glinsbockel. Parent academic inquiries are also welcomed by the counsellors. If parents wish to speak with a counsellor, appointments can be scheduled by contacting the school.

#### **LEARNING CENTRE**

The Learning Centre at CBSS provides a variety of services to students. The goal of these services is to provide students with supplementary support so they can successfully function in the regular classroom.

Learning Centre services include individual and small group instruction, peer tutoring and individualized programs for students with demonstrated learning differences. These services may be provided in the Learning Centre or in the regular classroom.

The support provided focuses on understanding learning styles and learning strategies such as organization, time management, study skills, listening, note taking and test writing. Students in need of Learning Centre services are usually referred by classroom teachers, counsellors, administrators or parents.

In addition to the service provided during class time, the Learning Centre is open each day at noon and after school by appointment, for any student wanting extra help or a quiet place to work.

**LIBRARY SERVICE**

The CBSS library is a well-equipped facility with an abundance of text based reference materials; along with scores of fictional titles available for student use. The Library also houses a computer lab which supports curriculum topics. A wealth of library information can be accessed from home at <http://www.sd22.bc.ca/bloom> All computers and their applications are configured to enrich course curriculum.

The library staff welcomes and encourages all students on their educational journey. It is hoped that students finds the library a conducive place to study and research, as well as a location which is both pleasing and comfortable.

The library and the writing lab is open daily from 8:00am -3:00 to encourage students to work on homework, or other school related activities

**GRADE 9 COURSE REQUIREMENTS**

- English 9
- Math 9 or Math 9 Numeracy
- Physical Education 9
- Science 9
- Social Studies 9
- + 3 electives of the student's choice

**GRADE 10 COURSE REQUIREMENTS**

- English 10
- Math 10 or Math 10 Applications or Math 10 Essentials
- Physical Education 10
- Science 10
- Social Studies 10
- Planning 10
- + 2electives of the student's choice

## Department of Mathematics

The Ministry of Education has developed two distinct mathematic pathways in grade 10 and three in grade 11. These pathways are designed to help students' meet their future educational goals.

Placement into the correct pathway is essential for a students' success. The placement must meet a student's needs and abilities. Achievement in the prior course is a good indicator of future success as the curriculum is based on a spiral approach. Each course builds on the knowledge and skills learned in the previous course. Therefore, minimum achievement levels must be met in order to proceed to the next course. Our experience, accepted provincial practice and common sense suggests that students must demonstrate competency before attempting the next level.

**Pre-Calculus** pathway is intended as a pathway for those students who wish to attend a post-secondary program where calculus is a required course. Examples of these would be students who are interested in the sciences, engineering etc...

**Foundations** pathway is intended for students who intend to attend a post-secondary program where calculus is not a required course. Examples of these would be students interested in the humanities, languages etc...

**Apprenticeship & Workplace** pathway is intended for those students interested in a variety of trades or who intend to go straight to the workplace after school. *Please note that students are recommended to visit a counsellor before choosing this pathway as different trades programs have different math requirements.*

### Things to Note:

1. **The Pre-Calculus and Foundations pathways are combined in Grade 10 so students will only have two math courses to choose from in Grade 10.**
2. **Only the Math 10 courses will change in September, 2010. Math 11 and Math 12 students will still choose between Principles, Applications & Essentials for the 2010/2011 school year.**

**MA09**

**MATH 09**

**Credits: 4**

**Recommended Prerequisite: Math 8**

Topics covered in this course will begin with number skills involving square roots, fractions & exponents. Students will then advance to developing algebra skills with an emphasis placed on working with expressions and solving equations. The course will conclude with a unit on measurement and geometry where students will work with similar shapes to solve problems and work with a variety of circle and angle problems.

**MA09N**

**MATH 9 NUMERACY**

**Credits: 4**

**Recommended Prerequisite: Any Math 8 course**

Students who have experienced considerable difficulty in Mathematics 8 will normally advance to Mathematics 9 Numeracy. Here they will study the following topics: number and number

operations (whole numbers, rationales and irrationals), data analysis (organizing data, interpreting data and probability), geometry (properties of figures, right triangles and analytic geometry), measurement (perimeter, area and volume) and algebra (expressions and equations).

## **DEPARTMENT OF ENGLISH**

### **ENGLISH 09**

**Prerequisite: English 08**

English 9 extends the program introduced in grade 08. Organization and development of paragraphs, levels of language, and the elements of literature are stressed. Writer's workshop emphasizes writing skills – response logs are used for reading comprehension and analysis.

<b>ENGLISH</b>			<b>10</b>
<b>Recommended</b>	<b>Prerequisite:</b>	<b>English</b>	<b>9</b>
<b>Credits:</b>			<b>4</b>
<b>Provincial Exam: Yes</b>			

This course continues to develop the main strands of the English curriculum. In literature, a basic literary vocabulary is used in the discussion and analysis of the forms and techniques of literature. The study of literature involves an examination of several works by 20th century authors. A Shakespeare play is studied as well as other poetry.

A review of the structure of the language assists the transition to English 11. Independent reading and writing workshops are a part of this course. Awareness of the author's purpose and intended audience is stressed. The concepts of theme and symbolism are introduced through short stories. The formal essay will be introduced at this level.

## **DEPARTMENT OF SOCIAL STUDIES**

<b>SOCIAL</b>		<b>STUDIES</b>	<b>10</b>
<b>Recommended</b>	<b>Prerequisite:</b>	<b>Social</b>	<b>9</b>
<b>Credits: 4</b>		<b>Studies</b>	

Social Studies 10 examines topics important to Canada's social and political history that explains how Canada became a democracy. Our nation's first attempts at Responsible Government, the success of Confederation and the European settlement of the Canadian west form the basis of study. Students also learn about local history. The course includes an ongoing examination of the importance of geography in the settlement of Canada. Opportunities are provided for students to continue to develop their skills in geography, critical thinking and primary source analysis. Topics included are: confederation, developments of the West to 1914, Canada's Economic Activities, Canada and the Pacific Rim, Current affairs. Geography, and History

<b>SOCIAL</b>		<b>STUDIES</b>	<b>09</b>
<b>Recommended</b>	<b>Prerequisite:</b>	<b>Social</b>	<b>Studies</b>
			<b>8</b>

**Themes developed in grade 8 Socials are carried over covering the years 1500 - 1815 in specific application to Europe and North America. Revolutions in Europe and America are an area of study which include political, agricultural and industrial revolutions. The development of nationalism and imperialism throughout the world and the historical and geographical development of North America from early European exploration to the emergence of the United States and Canada is also studied. Other topics include: geographical knowledge and skills, exploration and settlement of Canada, 19<sup>th</sup> Century European History and current events.**

## **PHYSICAL EDUCATION**

### **PHYSICAL EDUCATION 09**

#### **Recommended Prerequisite: PE08**

These courses build on the skills and team concepts introduced at the grade 08 level. Emphasis is on refinement of skills and introduction of newer, more advanced skills. Students are exposed to a broad range of physical activities, including team games, individual and dual activities, aquatics and fitness activities. As well, students will participate in lifetime sports and recreational activities such as bowling, hiking, skating and curling. Gym strip and participation are mandatory.

### **PHYSICAL EDUCATION 10**

#### **Recommended Prerequisite: PE09**

#### **Credit: 4**

This course builds on the skills and team concepts introduced at the grade 09 level. Emphasis is on refinement of skills and introduction of newer, more advanced skills. Students are exposed to a broad range of physical activities, including team games, individual and dual activities, aquatics and fitness activities. As well, students will participate in lifetime sports and recreational activities such as bowling, hiking, skating and curling. Student's will also be expected to plan, assess and maintain fitness as it applies to the individual's healthy lifestyle Gym strip and participation are mandatory.

<b>PLANNING</b>			<b>10</b>
<b>Recommended</b>	<b>Prerequisite:</b>	<b>Students</b>	<b>must be in grade</b>
			<b>10</b>

**Credits: 4**

The aim of Planning 10 is to enable students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions and take responsibility for pursuing their goals throughout life. Planning 10 provides relevant and experiential learning opportunities, helping students relate their learning in school to the demands of the working world and the expectations of society. Planning 10 is a 4-credit course required for students to

graduate. This course will enable students to better understand and plan for the requirements of their graduation. Students will explore a wide range of career and post-secondary options, think critically about health issues and decisions, develop financial literacy skills, and plan the actions required to pursue a career path.

## **LANGUAGES**

### **FRENCH 09**

**Prerequisite:** It is strongly recommended that students have obtained a C+ in French 08.  
**Credits: 4**

This course offers a continuation of stress on speaking, listening and writing skills over an enhanced vocabulary base. Writing skills develop to original short compositions; speaking skills develop into the production of short dialogues. Reading for comprehension receives more attention. There is a continuation of French/Quebec culture, music and geography.

### **FRENCH-10**

**Prerequisite:** It is strongly recommended that students have obtained a C+ in French 09.  
**Credits:4**

French 10 continues vocabulary building and examination of grammatical structures. Oral and written communications are stressed. The production of conversations and the writing of original stories in French are expected. The reading program becomes an important aid in cultural and academic development. There is much culture and music at this level, which focus on Montreal, France and Switzerland.

## **INFORMATION TECHNOLOGY**

**Prerequisite: None**

**Credits: 4**

This course introduces students to the Microsoft office suite of applications. Students will be introduced to Word processing, spreadsheets and presentation software. These skills will help students with projects in the higher grades. As well, students will increase keyboarding proficiency. Project work is designed to reinforce proper typing technique. Students will:

- Increase keyboarding speed and accuracy
  - Learn to set up tables, letters and reports
  - Learn a variety of computer skills
    - word processing
    - spreadsheets
    - graphing
    - PowerPoint presentation
    - Microsoft Publisher
    - MS Paint
    - As well students will be introduced to web design concepts and Flash animation.
- will increase keyboarding proficiency. Project work is designed to reinforce proper typing technique. Students will:

Increase keyboarding speed and accuracy

Learn to set up tables, letters and reports

**Learn a variety of computer skills (ie. Introduction to word processing, spreadsheets, graphing, PowerPoint presentations, Microsoft Publisher, MS Paint) FINE ARTS**

### **VAG 9/10**

### **ART**

**Prerequisite: None**

**Credits: 4**

Art 9/10 expands on the general introduction to secondary school art begun in Art 7 and 8. Students continue to explore two-dimensional and three-dimensional mediums, and the techniques related to these materials. Projects include drawing, painting, design, printmaking, and sculpture. 11

### **DRG 9/10**

### **DRAMA**

**Prerequisite: None**

**Credits: 4**

Drama requires a commitment by the person taking the class to be willing to try several different areas of study related to drama and theatre. Active participating is a must. Areas of study include: mime, improvisation, theatre sports, and scripted material.

This is a course in developmental drama where students are encouraged to learn about themselves and those in class with them. Creating confidence and facilitating communication are two main themes, along with earning and providing respect. Trust and risk are both large players in Drama and students will be challenged to trust both themselves and one another when on stage. The course includes workshops in mime, movement, and improvisation.

This course is also designed to provide a broad range of technical and practical experience for those interested in the world of theatre/performance production

## **HOME ECONOMICS**

### **TEXTILES**

**Prerequisite: None**

**Credits: 4** This is an introductory course to sewing and textiles offering basic knowledge in fibers, yarns, fabric construction, common fabric finishes and care of various fabrics. Construction includes a minimum of four projects. Focus is on learning to follow and adapt instructions to the needs of the individual. This is the beginning course for developing the basic fabric and yarn skills.

### **TEW 09/10**

### **WOODWORKING**

**Prerequisite: None**

**Credits: 4**

This fun and exciting course expands further upon the foundation, skills and knowledge taught in the grade 8 woodwork classes. The safe use of hand tools, portable equipment and stationary machines will be utilized in constructing a multitude of assignments. This course offers a "Santa's Workshop" component which provides an excellent opportunity to create presents and useful projects for all occasions. Sample projects may include puzzles; layered animals, painted treat boxes, vehicle designs, bowls, paper towel holders, clocks, intarsia, and finger joint boxes. This course is suited for students that are self-motivated, and those who work well independently.

Although there is no course fee for this class, please be advised that students will be expected to pay for any wood upgrades and for other personal projects which they chose to complete aside from those assigned in class. 15

### **TEM 10**

### **METAL TECHNOLOGY**

**Prerequisite: None**

**Credits: 4**

A wide variety of metal types and metalworking processes will be used to produce a series of 'required' projects. A thorough foundation will be set in machining procedures and skills, building off of prior knowledge gained in the metalworking portion of the grade eight practical arts rotation. Safe use of the shop's equipment is demonstrated and expected of the students. Later in the course, if time permits, students will be able to use class time to design and build their own personal projects. All personal projects that are not required by the course will be subject to a cost determined by the value of the materials used.

### **TEC 10**

### **POWER TECHNOLOGY(MECHANICS)**

**Prerequisite: None**

**Credits: 4**

Power Technology/Mechanics 10 is an introductory course studying human use of energy and power to do work and to assist human operations. The main focus of the course will be on engine theory and application with small engines in the metal and automotive shops. The content will

bridge into further studies in the automotive courses available in the senior grades. As a supplement there will be units on several subjects including Flight / Aeronautics, Vehicle / Aerodynamics Design, and Electrical / Electronics Systems. Our projects include 4-Stroke Engine Overhaul, Foam Wing Gliders, CO<sub>2</sub> Powered Cars and Electrical Circuits & Motors. Creative thinking and problem solving are encouraged in the designing and building of working models. Safe shop practices and tool care & maintenance will be a large focus in the course. All personal projects that are not required by the course will be subject to a cost determined by the value of the materials used.

## **FOODS AND NUTRITION**

**Prerequisite: None**

**Credits: 4**

This is an introductory course, which explores the basic principles and skills in food preparation and integrates this knowledge with proper nutrition. The course covers a wide range of information and skills in these areas: consumerism and management skills; safety and sanitation; meal planning, preparation and service; and human nutrition. Approximately 50% of the time is spent in the practical application of cookery technique; the other 50% is theory.

## **FOODS AND NUTRITION**

**Prerequisite: None**

**Credits: 4**

This fun and exciting course expands further upon the foundation, skills and knowledge taught in the grade 8 woodwork classes. The safe use of hand tools, portable equipment and stationary machines will be utilized in constructing a multitude of assignments. This course offers a “Santa’s Workshop” component which provides an excellent opportunity to create presents and useful projects for all occasions. Sample projects may include puzzles; layered animals, painted treat boxes, vehicle designs, bowls, paper towel holders, clocks, intarsia, and finger joint boxes. This course is suited for students that are self-motivated, and those who work well independently.

Although there is no course fee for this class, please be advised that students will be expected to pay for any wood upgrades and for other personal projects which they chose to complete aside from those assigned in class. 15

## **Technology Education : Power Technology 10**

Power Technology 10 is an introductory course studying human use of energy and power to do work and to assist human operations. It covers several subjects including Flight / Aeronautics, Vehicle / Aerodynamics Design, Electrical / Electronics Systems and basic mechanical Internal Combustion Theory. Our projects include Air Powered Rockets, Foam Wing Gliders, Gravity Cars, CO<sub>2</sub> Powered Cars, Electrical Motors and 4-Stroke Engine Overhaul. Creative thinking and problem solving are encouraged in the design and building of working models. Safe shop practices and tool care & maintenance will be a large focus in the course. All personal projects that are not required by the course will be subject to a cost determined by the value of the materials used.

## **Technology Education : Metalworking 9 / 10**

A wide variety of metal types and metalworking processes will be used to produce a series of 'required' projects. A thorough foundation will be set in machining procedures and skills, building off of prior knowledge gained in the metalworking portion of the grade eight practical arts rotation. Safe use of the shop's equipment is demonstrated and expected of the students. Later in the course, if time permits, students will be able to use class time to design and build their own personal projects. All personal projects that are not required by the course will be subject to a cost determined by the value of the materials used.

**Woodworking 9** is a project-oriented course using both hand tools and power tools. An emphasis is placed on safe shop behaviour and tool operation. Students are required to complete 4 different course projects that utilize various joinery and machining techniques. If time permits students will have input into the design and construction of their final projects.

## **STUDENT LEADERSHIP**

### Student Leadership 9/10

**Prerequisite:** Desire and willingness to learn about self and to develop leadership abilities, passing grades in all courses this year, good attendance record.

**\*\*An application form must be completed. Please see a counsellor for these application forms.**

This course offers students the opportunity to study the theories and to practice the skills needed to function in a leadership role both now and in future careers. Students in this course will be responsible for coordinating all student events in the school throughout the year. Meeting times for the class will be outside of the regular blocks, probably at noon and after school and will be set following discussion with successful applicants. Students will be encouraged to attend one regional or provincial conference during the year. Students or parents with enquiries should contact Mr. Bohn and Mr. Kopy.



### **VIRTUAL CLASS PROGRAM** with [www.vLearn.ca](http://www.vLearn.ca)

The Vernon School District's Virtual Class Program will offer Senior students in all SD#22 high schools the choice of 9 Virtual Class courses. Courses will include Chemistry 11 and 12, Physics 11 and 12, Biology 12, Calculus 12, AP

Economics 12, AP Literature 12 and History 12. The significant growth of this option is directly related to its unparalleled success over the past three years. This provincially recognized program uses innovative learning technology to deliver “live” and recorded classes to students throughout BC. Students need only have access to an internet enabled computer, a headset and for some courses, a Wacom tablet. Specialist classroom teachers provide ‘live and interactive’ instruction to students situated in various locations throughout the school district and province. The laptop loan program will again be available to students on a first come first served basis while registered in these courses.(limited numbers available)

Classroom instruction occurs “live” daily via interactive web based software, teacher websites and learning resources and are also fully recorded and available for study and review 24/7. This means that students never miss any instruction, whether they are sick, travelling or away pursuing athletics or other activities, and can review all teaching, lessons, material and resources as often as necessary. Students and parents love the technology and the flexibility and advantages it provides.

Students interested in these courses are encouraged to speak with their school counsellors to request this option as part of their program selection. The Vernon Virtual class program has been featured at four provincial conferences and was recently recognized by the Ministry of Education and the B.C. School Trustee’s Association for its excellence in learning innovation.

# CBSS

## PROGRAM FOR GRADES 11/12

### Geography 12

### GEO12

Prerequisite: It is strongly recommended that students obtain at least a C+ in Socials Studies 11. There is a Provincial Government Exam at the end of this course.

Geography 12 focuses on the wide range of complex relationships which make up and drive the global geographic system. This social science specifically deals with the earth as the home of human kind. Topics to be covered are:

- landscape/environment (geomorphology)
- river systems and water cycles (hydrology)
- weather and climate (meteorology/climatology)
- life in our biosphere (biogeography)
- human geography
- mapping and cartography

### Global Education 12      only offered in alternate years, (2004/2005)

### CPGP12

Prerequisite: An application form **MUST** be completed.

Offered in Spring Semester.

This course offers the opportunity to see life in a developing country. The goals of Global Ed. are to widen your perspective of the world, offer comparison to our life in Canada, and to act on our responsibility to less fortunate people, both locally and internationally. This course includes a 2 week volunteer work effort abroad. **Travel costs will be covered by students.**

### Law 12

### LAW12

Prerequisite: SS11

Law 12 is an introductory course in Canadian Law that will give the student a better understanding of the legal system. Topics include: Criminal Law, The Charter of Rights, Tort Law, Family Law, Contracts, Consumer Law, Wills and Renting. Current events and legal problems will be discussed throughout the year.

### Comparative Civilization 12      only offered in alternate years, (2004/2005)

### CCN12

Comparative Civilization examines the role of culture (art, literature, music, religion, laws) - in the development of civilizations throughout the world. Ancient history, the Greek Empire, comparative religion, art history and Eastern studies, among others, show the many influences that shape Canadian culture today. Project work and discussions are a large part of the course. Highly recommended for those interested in the Fine Arts and Humanities.

### Leadership 11/12 (locally developed)

### CPLS11/12

Prerequisites: Desire and willingness to learn about self and to develop leadership abilities; passing grades in all courses this year; good attendance record.

**\*\* An application form must be completed. Please see Mr. Bohn or Mr. Kopy for the application form.**

This course offers students the opportunity to study the theories and practice the skills needed to function in a leadership role both now and in future careers. Specific topics studied will vary from year to year depending on needs and abilities of the class members, but typical examples would be conducting meetings, personal organization, goal setting, planning and executing events, public speaking, the leadership role, motivation, and group dynamics.

Students in this course will be responsible for coordinating student events in the school throughout the year; for example: charity fund raising, dances, spirit weeks, assemblies. Meeting times for the class will be outside of the regular blocks and will be set following discussion with successful applicants. Students will be expected to participate in a class retreat in late spring and encouraged to attend one regional or provincial conference during the year. Students or parents with enquiries should contact Mr. Bohn or Mr. Kopy.

**COST: \$30.00 for conference**

### **TECHNOLOGY EDUCATION**

The Technology Education Department offers a full range of subjective courses to all male and female students at Charles Bloom Secondary School. This program integrates concepts covered in the academic areas with processes taught in the technical studies. Students work in safe, well-maintained environments which encourage and motivate them to actively participate in the practical application of theoretical concepts. These courses enhance the students' design, creativity, critical thinking, problem solving and co-operative learning skills. Students will utilize tools, machines, computers, information and processes while pursuing individual interests and participating on class assignments.

### **Carpentry and Joinery 11A and 12A**

**CJ11A/12A**

Prerequisite: Wood Technology 9 OR Capp Wood 11 is recommended.

This course offers advanced construction techniques and skills and information for students who want to produce projects displaying a high degree of craftsmanship. A high level of safety will be maintained during the extensive use of hand and machine operations. In Construction Technology 11/12, innovative design and construction techniques will be used by students to produce more sophisticated and complex work. Sample projects that can be produced include puzzles, band saw boxes, lathe turnings, cabriole leg furniture, mechanical pens, pencils, intarsia and garden furniture.

**COST: \$30.00-\$40.00 lab fee**  
**Students are expected to pay extra for large final projects of their choice or wood upgrades.**

### **Carpentry Technology 11B** **(House Construction)**

**CST11B**

Prerequisite: Concurrent enrolment or completion of Construction Technology 11A

This course has been designed to educate students in skills that will be useful in gaining future employment in the house building and renovation industries. Aspects covered will include - building layout:

- concrete work (reinforcement)
- framing
- drafting (plot plan, floor plan, blueprints, etc.)
- drywall
- electrical
- plumbing
- finishing
- roofing
- salvage and demolition
- recycling of materials

Projects could include such things as: garden sheds, play houses, dog houses, saw horses, tool boxes, demolition of existing structures, remodelling of houses or building of new houses.

**COST:        \$30.00-\$40.00**

**Metal Fabrication & Machining11A/12A**

**MFM11A/12A**

Prerequisite:        Metal Technology 09 or 10 is recommended.

Safety, care and maintenance of tools and equipment is emphasized in the completion of a mandatory project which demands accuracy in fabrication and machining skills. A significant amount of time is provided for students to produce more complex and varied projects of their own choice. Vocational training opportunities are provided with field trips and work experience encouraged.

**COST:        \$30.00-\$40.00**

**Automotive Technology 11**

**AT11**

Prerequisite:        Power Technology 09 is recommended.

This is a basic mechanics course which covers the design, development and operation of the internal combustion engine. The initial emphasis will prepare vehicles for the rigors of winter. Later work covers engine testing, diagnosis and overhaul and rebuilding. It is not necessary for students to own a vehicle. However, it is essential for each student to obtain access to a vehicle for practical classes. Work experience placements are available in the automotive field. Auto bodywork will be introduced in addition to the mechanical work.

**COST:        \$30.00-\$40.00**

**Automotive Technology 12**

**AT12**

Prerequisite:        Mechanics 11

This course focuses on in-depth studies of vehicle components, covering maintenance adjustment and repair. Quality workmanship and safety will be stressed. Project work is varied and tries to cater to students interests. It is expected that ALL students have access to a vehicle. Work Experience is available for students looking for vocational opportunities in Mechanics. Auto body work will be introduced in addition to the mechanical work.

**COST:        \$30.00-\$40.00**

### **Technology 11A - Woodlinks**

### **TECH11A**

This course will serve as an introductory course in the field of Wood Science. Students interested in Wood Science can take either a 2 year Technology Program at College or a 4 year Wood Science Degree Program at U.B.C. Students selecting this course may also be interested in Construction and or Forestry Programs. Topics to be covered include: Properties of Wood, Tree Classification, Log Buildings, Lumber Grading, Safety, Careers in the Forest Industry, Rough Lumber Manufacturing, Equipment Maintenance, Principle Sawmill Types, Computer Numeric Control, Wood Sanding and Finishing, the Use and Abuse of Tooling, Machine Technology, Labour Relations and Post Secondary Opportunities in the Wood Industry.

**COST:        \$30.00**

### **CAREER PREPARATION – FORESTRY**

The Forestry Program provides students with a broad-based practical and theoretical background in the forestry industry. The program offers six courses.

In grade eleven, students take:

- |                            |          |
|----------------------------|----------|
| - Introductory Logging     | CPIL11A  |
| - Preventative Maintenance | CPBBL11A |
| - Basic Bush Logging       | CPPM11A  |

In grade twelve, students take:

- |                       |          |
|-----------------------|----------|
| - Advanced Logging    | CPTL12A  |
| - Truck Logging       | CPFYM12A |
| - Forestry Management | CPAL12A  |

Also, the students complete 120 hours of work experience with a community business. Students interested in careers such as welder, heavy duty mechanic, faller, buckler, truck driver, forest manager, or fire fighter may be very interested in this program.

**SECONDARY SCHOOL APPRENTICESHIP PROGRAM**

The Ministry of Education and the Ministry of Skills, Training and Labour announced a new initiative that began in September 1995. This new initiative is called the Secondary Schools Apprenticeship Program and will provide the following:

1. Students in Grade 10 may begin an apprenticeship program starting at the beginning of Grade 11.
2. These students will be eligible to be indentured to an employer.
3. Students must complete a minimum of 480 hours of paid work experience.
4. Students must graduate from high school with a Dogwood Certificate.

To be eligible to enroll in a Secondary School Apprenticeship, a student must complete an application form signed by the parents/guardians in which the student must:

- identify the apprenticeable trade in which they wish to obtain their certificate of qualification (T.Q.)
- identify the educational requirements for the trade and the reason they have selected the particular trade
- complete an educational plan that will ensure graduation requirements and the completion of the minimum 480 hours paid work based training
- submit a letter of reference
- successfully complete an interview with the Apprenticeship Counsellor and/or the Steering Committee

Once the complete application form is received it will be presented to the Steering Committee for final approval for entry into S.S.A.

Students registered in a Secondary School Apprenticeship Program will have a timetable that looks like this:

**GRADE 11**

**SEMESTER 1**

**SEMESTER 2**

**SUMMER**

1. English 11 / Com. 11
2. Social Studies 11
3. Elective Grade 11
4. Elective Grade 11

1. A Science 11
2. A Math 11
3. Elective Grade 11
4. Elective Grade 11

Possible Work Experience

**GRADE 12**

## SEMESTER 1

1. English 12 / Com. 12
2. Elective Grade 12
3. Elective Grade 12
4. Elective Grade 12

## SEMESTER 2

- Work Experience  
- 480 hours minimum  
plus credit for -
1. Elective Grade 12
  2. Elective Grade 11 / 12

## SUMMER

Possible Work  
Experience

**For more information or to sign up for this program see Mrs. Knight or Mrs. Szesztopalow.**

## **CAREER PREPARATION PROGRAMS**

**CHARLES BLOOM SECONDARY SCHOOL** offers a variety of provincially approved programs that are designed for students wishing to combine high school graduation with a unique opportunity for career studies during Grades 11 and 12.

***Students who participate in Work Experience will be more aware of their need to engage in life-long learning and will be more prepared to deal with career decisions and career changes.***

Successful completion of Career Preparation Programs gives students the opportunity to:

- \*complete secondary school graduation requirements.
- \*complete secondary school entrance requirements for general admission to university and college.
- \*complete entrance requirements for post-secondary programs similar to their Career Preparation Specialty.
- \*explore their interests and abilities through on-the-job experience.
- \*gain valuable work experience in a selected career area.
- \*develop the skills necessary for entry level employment in fields related to their Career Preparation Specialty.

## **COURSE REQUIREMENTS**

Career Preparation students must complete all graduation requirements as outlined. In addition, they must complete the Career Preparation requirements in the program of their choice. If students wish to enter University or College, they must ensure that they have taken all appropriate prerequisites.

## **PROGRAM FORMAT**

All Career Preparation Programs shall consist of:

- at least 2 focus courses common for all students enrolled in the program.
- 3 support courses related to the focus of the program.
- Career Preparation Work Experience 12A (CPWE12A)-related to the focus of the program.
- all students must have 2 Grade 11 courses (max.3) and 3 Grade 12 courses including CPWE12A.

**CHARLES BLOOM SECONDARY SCHOOL** currently offers the following programs:

<b>Accounting</b>	<b>Human Services</b>
<b>Career Explorations</b>	<b>Mechanics</b>
<b>Computer Applications</b>	<b>Office Management</b>
<b>Construction/Housebuilding</b>	<b>Physics</b>
<b>Environmental Technology</b>	<b>Recreational Leadership</b>
<b>Forestry</b>	<b>Visual &amp; Performing Arts</b>
<b>Hospitality and Tourism</b>	

### **APPLICATION:**

The most opportune time for a student to apply is during course selection in Grade 10 so that the student and counsellor can plan out the Grade 11 and 12 years.

### **COMMON QUESTIONS REGARDING CAREER PREPARATION:**

#### **1. WHY SHOULD I CONSIDER A CAREER PREPARATION PROGRAM?**

Every student should be taking senior courses that prepare them for post secondary education or direct entry to work. Career Preparation allows you to focus some of your elective courses and work experience toward your career goals.

#### **2. HOW DOES CAREER PREPARATION ASSIST STUDENTS?**

- gaining knowledge about jobs
- increasing awareness of the world of work
- exploring career areas which reflect interests and aptitudes
- having the opportunity to complement classroom learning with employment opportunities
- developing a positive self-concept and emphasizing personal worth
- providing a positive work experience

#### **3. IS IT POSSIBLE TO OPT OUT OF CAREER PREPARATION AT THE END OF GRADE 11?**

Yes, you may opt out or change your program if you wish.

#### **4. WILL THE WORK EXPERIENCE INTERFERE WITH MY PERSONAL/SCHOOL TIME?**

The work experience time is negotiated between you and your work experience co-ordinator. Work experience may be completed during school time or outside school time.

#### **5. DOES CAREER PREPARATION LIMIT MY OPTIONS TO ATTEND A POST SECONDARY INSTITUTION?**

No, all your options are kept open. Some B.C. post-secondary institutions grant “Advanced Placement” and/or “Preferred Entry” to Career Preparation Program students.

PLEASE REFER TO THE FOLLOWING PAGES FOR  
SPECIFIC CAREER PREPARATION PROGRAM OUTLINES

## CAREER PREPARATION PROGRAMS OUTLINES

### CP COMPUTER APPLICATIONS (CPCO)

**GRADE 11**  
**FOCUS 1**  
INT11

**SUPPORT 1**  
IMA11, MA11,  
COM11, PH11,  
TRM11, TECH11A,  
CPPTU11, CPLS11  
CPBC11

**FOCUS 2**  
INT12

**GRADE 12**  
**SUPPORT 2**  
MA12, CPBC12,  
TRM12, PH12,  
LAW12, CPLS12  
CPENT12

**WORK EXP.**  
CPWE12A

**SUPPORT 3**  
Select one from  
options shown  
in Support 1 or 2

### CP CONSTRUCTION (CPCG)

**GRADE 11**  
**FOCUS 1**  
CST11A

**SUPPORT 1**  
INT11, MA11E,  
MA11, DRF11, CST11,  
TECH11A, ST11, PH11,  
CST11C, CPTUT11,  
CST11B, VAWPM11

**FOCUS 2**  
CST12A

**GRADE 12**  
**SUPPORT 2**  
CST12A, LAW12, MA12,  
DRF12, PH12, CPENT12,  
CST12C, CST12B  
VAWPM12

**WORK EXP.**  
CPWE12A

**SUPPORT 3**  
Select one from  
options shown  
in Support 1 or 2

### CP ENVIRONMENTAL TECHNOLOGY (CPET)

**GRADE 11**  
**FOCUS 1**  
BI11 (FOR11)

**SUPPORT 1**  
IPH11, MA11  
INT11, PE11, CH11,

**FOCUS 2**  
BI12

**GRADE 12**  
**SUPPORT 2**  
CH12, PH12, MA12,  
GEO12, INT12, CPENT12,

**WORK EXP.**  
CPWE12A

**SUPPORT 3**  
Select one from  
options shown

CH11	CPBC11, BI11, FOR11	CH12	LAW12, PE12, CPBC12 B12	in Support 1 or 2
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### CP PHYSICS (CPPH)

<b>GRADE 11</b> <b><u>FOCUS 1</u></b> PH11	<b><u>SUPPORT 1</u></b> CPCAD11, ELX11A, MX11A, MA11, CH11 INT11, CPBC11	<b><u>FOCUS 2</u></b> PH12	<b>GRADE 12</b> <b><u>SUPPORT 2</u></b> CPCAD12, MA12, MX12A, ELX12A, CS12 CH12, INT12, CPBC12	<b><u>WORK EXP.</u></b> CPWE12A	<b><u>SUPPORT 3</u></b> Select one from options shown in Support 1 or 2
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### CP FORESTRY (CPFO)

<b>GRADE 11</b> <b><u>FOCUS 1</u></b> CPIL11A + CPBBL11A	<b><u>SUPPORT 1</u></b> CPPM11A	<b><u>FOCUS 2</u></b> CPTL12A	<b>GRADE 12</b> <b><u>SUPPORT 2</u></b> CPFYM12A	<b><u>WORK EXP.</u></b> CPWE12A	<b><u>SUPPORT 3</u></b> CPAL12A
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### CP HOSPITALITY / TOURISM (CPHT)

<b>GRADE 11</b> <b><u>FOCUS 1</u></b> TRM11	<b><u>SUPPORT 1</u></b> FN11, INT11, FR11,,EN11. CPPTU11, BJA11 CPLS11, JA11, PE11, CPBC11	<b><u>FOCUS 2</u></b> TRM12	<b>GRADE 12</b> <b><u>SUPPORT 2</u></b> FN12, ,INT12, FR12, GEO12, AA12, LAW12, CPRL12A, CPENT12, CCN12, EN12, CPLS12, CPBC12	<b><u>WORK EXP.</u></b> CPWE12A	<b><u>SUPPORT 3</u></b> Select one from options shown in Support 1 or 2
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### CP HUMAN SERVICES (CPHU)

<b>GRADE 11</b> <b><u>FOCUS 1</u></b> EN11, COM11, FN11	<b><u>SUPPORT 1</u></b> CPLS11, FR11, TEX11, TRM11, INT11, BJA11, JA11, SS11, FN11, CPPTU11, CPBC11	<b><u>FOCUS 2</u></b> EN12, COM12 FN12	<b>GRADE 12</b> <b><u>SUPPORT 2</u></b> CPLS12, FR12, CCN12, LIT12, HI12, CPENT12, FN12, GEO12, TRM12, INT12, LAW12, TEX12, CPBC12	<b><u>WORK EXP.</u></b> CPWE12A	<b><u>SUPPORT 3</u></b> Select one from options shown in Support 1 or 2
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### CP MECHANICS TECHNOLOGY (CPMT)

**GRADE 11**

**FOCUS 1**

MX11A

**SUPPORT 1**

MTL11A, MX11A, MA11E,  
MA11, INT11,  
TECH11A, PE11,  
PH11, SCT11, CST11,  
CPPTU11, CPBC11  
VAWPM11

**FOCUS 2**

MX12A

**GRADE 12**

**SUPPORT 2**

MTL12A, MX12A,  
LAW12, MA12,  
CPENT12, PH12  
CST12A, CPBC12  
VAWPM12

**WORK EXP.**

CPWE12A

**SUPPORT 3**

Select one from  
options shown  
in Support 1 or 2

**CP RECREATION LEADERSHIP (CPRL)**

**GRADE 11**

**FOCUS 1**

PE11

**SUPPORT 1**

BI11, INT11, FN11,  
CPTUT11,  
MA11, TRM11,  
FR11, CPLS11,  
CPBC11

**FOCUS 2**

CPRL12A

**GRADE 12**

**SUPPORT 2**

BI12, INT12, FN12,  
LAW12, TRM12,  
FR12, CPENT12,  
CPLS12, PE 12,  
CPBC12

**WORK EXP.**

CPWE12A

**SUPPORT 3**

Select one from  
options shown  
in Support 1 or 2

**CP VISUAL AND PERFORMING ARTS (CPVP)**

**Art Option**

**GRADE 11**

**FOCUS 1**

AR11

**SUPPORT 1**

BA11, ACT11, ST11,  
CPPTU11, CPLS11.  
TRM11, EN11,  
CPGC11, VA3D11,  
INT11, CT11, CPBC11

**FOCUS 2**

AR12

**GRADE 12**

**SUPPORT 2**

BA12, ACT12, ST12,  
INT12, DS12, LIT12,  
CCN12, ARC12, EN12,  
CPLS12, CT12,  
VA3D12, CPENT12  
CPGC12, CPBC12

**WORK EXP.**

CPWE12A

**SUPPORT 3**

Select one from  
options shown  
in Support 1 or 2

**Band Option**

**GRADE 11**

**FOCUS 1**

BA11

**SUPPORT 1**

AR11, ACT11,  
ST11, INT11,  
TRM11, EN11,  
CPLS11,  
CPGC11,

**FOCUS 2**

BA12

**GRADE 12**

**SUPPORT 2**

AR12, ACT12,  
ST12, CPENT12, INT12,  
DS12, LIT12, CCN12,  
ARC12, EN12,  
CPLS12

**WORK EXP.**

CPWE12A

**SUPPORT 3**

Select one from  
options shown  
in Support 1 or 2

**Drama Option**

**GRADE 11**

**FOCUS 1**

ACT11

**SUPPORT 1**

ART11, BA11, ST11,  
INT11, TRM11, VA3D11,  
EN11, CPLS11

**FOCUS 2**

ACT12

**GRADE 12**

**SUPPORT 2**

ART12, BA12, ST12,  
CPENT12, INT12, DS12,  
LIT12, CCN12, ARC12  
VA3D12, EN12, CPLS12

**WORK EXP.**

CPWE12A

**SUPPORT 3**

Select one from  
options shown  
in Support 1 or 2



Homeroom Tchr : \_\_\_\_\_  
Date (submitted): \_\_\_\_\_

**GRADE 11/12**  
**Career Preparation Course Selection Sheet 2002 - 2003**

Name: \_\_\_\_\_ Student# \_\_\_\_\_ Grade \_\_\_\_\_ (2002 - 2003)

I wish to take the Career Preparation Program in \_\_\_\_\_

In boxes below select from Career Preparation outline. ALL BOXES TO BE FILLED IN.

GRADE 11		GRADE 12			
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
FOCUS 1	GR.11 SUPPORT	FOCUS 2	GR.12 SUPPORT	CPWE12A WRK EXP.	GR.11/12 SUPPORT

**GRADE 11**

Complete the following:

My Fine Arts 11 (2 credit course) is:

\_\_\_\_\_

Applied Skills 11 (2 credit course) is:

\_\_\_\_\_

Career & Personal Planning 10  
(integrated in core grade 11 subjects)

**FOUNDATION STUDIES**

(circle selections)

- One of: English 11  
Communication 11
- Social Studies 11
- One of: Math 11  
Intro Math 11  
Math 11A  
Accounting 11
- At least one of: Physics 11  
Biology 11  
Chemistry 11  
Technology 11A  
Science & Tech. 11  
Information Tech. 11

**SELECTED STUDIES:**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**GRADE 12**

Circle one of the following:

Career Prep. Work Exp. 12A &  
Career & Personal Planning 12  
(4 credits/SLP & 120 hrs. of approved  
work experience)

OR

Career & Personal Planning 12  
(2 credits/SLP & mandatory 30 hours  
of approved work experience)

**COURSE CHOICES**

- One of: EN12 or COM12

**SELECTED STUDIES:**

Three must be Grade 12 level courses

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- (alternate)

Parent's Signature

Student's Signature

Counsellor's Signature

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# 2010-2011

## 2010-2011



- Available Dual Credit Programs through SD # 22 and Okanagan College include: Residential House Construction, Culinary Arts, Plumbing, Electrician, Welding Aircraft Maintenance Engineer

**Also available to SD #22 students are the following programs: Machinist/ Millwright (Enderby), Esthetician (Armstrong) Small Engine/Motorcycle Mechanic (Rutland)\_\_\_M.** The Provincial exam for French 12 is an optional component. **MATHEMATICS**

**Graphing Calculator Policy:** Any student enrolled in Principles of Mathematics 11 or Principles of Mathematics 12 is expected to have a graphing calculator. Teachers will instruct with the T1-83 Model (Texas Instrument). It is highly recommended that students entering Principles of Mathematics 10 obtain a graphing calculator, especially if they expect to take Principles of Mathematics 11 and Principles of Mathematics 12.

### **Principles of Math 11**

Prerequisite: Principles of Mathematics 10

This course will spend time developing an understanding of symbol manipulation and some of the more sophisticated generalizations of mathematical concepts. The units that will be covered are: Number Operations, Patterns, Variables and Equations, Relations and Functions, 3-D Objects and 2-D Shapes. This course is required for most post secondary programs.

### **Essentials of Mathematics 11**

Prerequisite: Essentials of Mathematics 10

This course is a continuation of the Essential stream that will meet the graduation requirements for mathematics. It will continue to build on the numeracy and understanding of how mathematics is used in daily life.

### **Applications of Mathematics 11 (11A)**

The applications pathway allows students to investigate and model mathematical concepts and issues. Although there are similar topics to the principles stream the focus is more on practical with less emphasis on symbolic manipulations. This course meets grad requirements as well as some university, college and trades programs (see your counselor). Currently, we do not intend to offer Applications of Math 12.

### **Principles of Mathematics 12**

Prerequisite mark of **70% in Principles of Math 11 or the recommendation of the teacher** required to apply for Math 12. This course is a continuation of Principles of Mathematics 11 where an increased focus on the applications of mathematics is emphasized. The units covered are: Patterns, Variables and Equations, Relations and Functions, Conic Sections, Transformations, Statistics and Probability.

### **Calculus 12**

Prerequisite: **70% in Principles of Math 12**

Students who plan to take sciences, commerce, applied science or engineering at university should definitely consider taking Calculus 12 since concepts learned in this course will provide a solid background for the concepts for Calculus at university where the pace is often too fast for students. The units covered are: limits, various differentiation rules for trigonometric and logarithmic functions,

sketching curves, applications as in maximum/minimum problems and related rate problems, and various Integration techniques. This course will be delivered via Distributed Learning.

in a noncompetitive setting, Hiking\_Peer Tutoring 11/12

Pre-requisite Grade 10

This course begins each term with several brief training sessions (approximately 10-12 hours in total). Topics to be covered will include: study skills, learning strategies, learning differences and an outline of classroom management duties. The objective is to place tutors in the classroom as soon as possible to aid the sponsor teacher in supporting students individually or in small group setting. Tutors placements will be in academic subjects before ANY elective courses will be considered. Most placements will be in grades 7-9. Interested students must have the initiative and ability to work in a strong, supportive role within the classroom setting. Enrolling students will only be selected based on consultation with the teacher and counselor. **Leadership 11/12 (locally developed)**

**CPLS11/12**

Prerequisites: Desire and willingness to learn about self and to develop leadership abilities; passing grades in all courses this year; good attendance record.

**\*\* An application form must be completed. Please see Mr. Thompson for the application form.**

This course offers students the opportunity to study the theories and practice the skills needed to function in a leadership role both now and in future careers. Specific topics studied will vary from year to year depending on needs and abilities of the class members, but typical examples would be conducting meetings, personal organization, goal setting, planning and executing events, public speaking, the leadership role, motivation, and group dynamics.

Students in this course will be responsible for coordinating student events in the school throughout the year; for example: charity fund raising, dances, spirit weeks, assemblies. Meeting times for the class will be outside of the regular blocks and will be set following discussion with successful applicants. Students will be expected to participate in a class retreat in late spring and encouraged to attend one regional or provincial conference during the year. Students or parents with enquiries should contact Mr. Thompson.

✓ \_\_\_\_\_, (if enrollment allows) 2010 - 2011  
a Counsellor

## **COURSES OFFERED ALTERNATE YEARS**

(dependant on enrolment)

2005 – 2006

Physics 12

History 12

Literature 12

Chemistry 12 (enrolment)

Psychology 12

2004 – 2005

Comparative Civilization

Geography 12

Chemistry 12

French 12

Psychology (enrolment)

These courses will only be offered if enrolment allows so choose carefully.