MISSION STATEMENT

At J.N. Burnett
we provide an enriching environment that
respects, values and celebrates diversity, promotes individual growth
and prepares the learner to be a
well-rounded and responsible member
of the larger community.

J.N. BURNETT SECONDARY SCHOOL
5011 Granville Avenue, Richmond, BC V7C 1E6
Phone: 604-668-6478     Fax: 604-668-6484

Principal:  Mrs. W. Walker

Vice Principals:
Mrs. L. Collins
Mr. L. Leung

Counsellors:
Ms. M. Murad
Mr. B. Reid
Ms. M. Takada
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Dear Parents/Guardians and Students,

J.N. Burnett is a semestered, comprehensive secondary school that offers a wide variety of curricular and extra-curricular opportunities for all students. Our dedicated staff is committed to creating a learning environment that encourages students to set goals for themselves and strive towards individual excellence. We aim to ensure that each student’s secondary school experience is meaningful and rewarding.

Our programs are designed to recognize and support the varied interests, abilities and educational needs of all students. We offer a Resource Program for students who need support with the regular academic program; Incentive and Advanced Placement Courses which provide enrichment for highly motivated students; an English Language Learners Program; and a program for students with special needs which allows them to be integrated into classrooms as well as gain some work experience in the community. Our grade 8’s are taught by a team of teachers. The team works closely and becomes well acquainted with their students’ individual strengths, interests, and needs. The teaming approach also provides opportunities for teachers to integrate curriculum, particularly in the Humanities.

There are many extra-curricular activities in which students may get involved. During lunch, there are various structured activities in our gym or special events sponsored by the Students’ Council. Students may also choose to participate on one of the many teams provided by our athletic program or join any one of the numerous clubs available. In addition, there are tennis courts adjacent to the school, several outdoor basketball courts, a lacrosse box, and a very well-equipped fitness centre. We also provide other off campus programs such as skiing, snowboarding and outdoor education.

Because we feel strongly that education is a co-operative endeavour involving both home and school, at Burnett we encourage and welcome parental involvement. We have an active Parent Advisory Council. We strongly believe that ongoing communication between parents/guardians and the school is beneficial to all. Parents may call the school any time to arrange a parent-teacher conference beyond those that are regularly scheduled. Also, monthly newsletters and reminders are posted on our website to keep parents up to date on school activities. A formal report card is sent home in November, February, April and the end of June. In addition, interim reports are sent out at least twice per year and whenever necessary. Phone contact between staff & parents is encouraged.

Our physical plant is very open and spacious and lends itself well to promote the sense of community that we strive for. We have well-designed, comfortable classrooms, numerous computer labs, two gyms, a theatre, and a well-equipped library. A large multipurpose area opens up to a spacious outdoor courtyard. This inviting environment adds to our belief that J. N. Burnett is a great place to learn!

Selecting courses to map out future directions is sometimes a difficult and confusing process. However, it is important that students take the time to think through choices carefully, and take advantage of the help that is available from school counsellors. In the intermediate years (8-9) the courses students select should reflect general interests and be seen as exploratory. As students move towards their graduation program (10-12), they will want to set more specific goals. The courses selected in the senior years should reflect this. The counsellors will help students understand which courses are required to graduate, which courses should be taken as prerequisites to the various post-secondary institutions or training programs, and which courses might be most useful to prepare for the workplace that students may be interested in.

To all students - the important thing to keep in mind throughout the course planning process is that each of you has strengths as well as areas of interest. Try to recognize your strengths and develop them through the courses you select. Remember that you are designing an important part of your future. Finally, *don’t be afraid to ask for help!*

Mrs. W. Walker, Principal
SCHOOL SCHEDULE

Student Course Requests

It is essential that students take the time to select their courses very carefully. Once we receive requests from all students, our timetable is built to accommodate their requests. Once the timetable is built, it is difficult to make changes. The following is the procedure used to build the timetable.

1. Students determine their compulsory courses and choose their elective courses using this course-planning guide to assist them. Students submit their course requests to their counsellors.
2. The requests for each course are tallied and that information is used to determine how many blocks to build of each course.
3. If too few students request a particular elective course, then that course cannot be offered. Students are then programmed into their alternate elective choice. It is essential that students provide alternates.
4. The master timetable is then built using the numbers of blocks for each course as determined by student requests.

Please note when selecting courses:

1. Incentive courses are suitable for students who wish to extend their experiences beyond the regular academic level. These Incentive courses may also be taken as a preparatory program for senior level Advanced Placement Programs.
2. Requests for Incentive courses and Learning Services will be screened to ensure appropriate educational choices.
3. Each constant course must be passed consecutively to a certain grade level
   i. English to the grade 12 level
   ii. Math, Social Studies, and Science to the grade 11 level
   iii. Physical Education to the grade 10 level
# PERSONAL STUDENT PLANNING GUIDE TO GRADUATION

<table>
<thead>
<tr>
<th>Grade 8 Program</th>
<th>Grade 9 Program</th>
<th>Grade 10 Program</th>
<th>Grade 11 Program</th>
<th>Grade 12 Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECTIVE</td>
<td>ELECTIVE (Fine Arts)</td>
<td>ELECTIVE</td>
<td>ELECTIVE</td>
<td>ELECTIVE</td>
</tr>
<tr>
<td>Home Ec./Tech Ed. 8</td>
<td>ELECTIVE (Tech Ed.)</td>
<td>ELECTIVE</td>
<td>ELECTIVE</td>
<td>ELECTIVE</td>
</tr>
<tr>
<td>French 8</td>
<td>ELECTIVE</td>
<td>Career Life Education</td>
<td>ELECTIVE</td>
<td>ELECTIVE</td>
</tr>
<tr>
<td>Physical Education 8</td>
<td>Physical Education 9</td>
<td>Physical Education 10</td>
<td>ELECTIVE</td>
<td>ELECTIVE</td>
</tr>
<tr>
<td>Science 8</td>
<td>Science 9</td>
<td>Science 10</td>
<td>A Science 11 Course</td>
<td>ELECTIVE</td>
</tr>
<tr>
<td>Mathematics 8</td>
<td>Mathematics 9</td>
<td>Mathematics 10</td>
<td>A Mathematics 11 Course</td>
<td>ELECTIVE</td>
</tr>
<tr>
<td>Humanities 8</td>
<td>Social Studies 9</td>
<td>Social Studies 10</td>
<td>Social Studies 11</td>
<td>ELECTIVE</td>
</tr>
<tr>
<td>Humanities 8</td>
<td>English 9</td>
<td>English 10</td>
<td>English 11 or Communications 11</td>
<td>English 12 or Communications 12</td>
</tr>
<tr>
<td>Choose 1 Elective</td>
<td>Choose 3 Electives</td>
<td>Choose 3 Electives</td>
<td>Choose 4 Electives</td>
<td>Choose 7 Electives</td>
</tr>
</tbody>
</table>

**NOTE:**
Grade 9 students may select three (3) elective courses. Students should select one (1) Fine Arts Education 9 course and one (1) Applied Design, Skills, and Technologies 9 course. Students who are unable to meet this requirement may discuss the reason(s) with their counsellor.
# GRADUATION REQUIREMENTS

## Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 10</td>
<td>4</td>
</tr>
<tr>
<td>English 11 or Communications 11</td>
<td>4</td>
</tr>
<tr>
<td>English 12 or Communications 12</td>
<td>4</td>
</tr>
<tr>
<td>Social Studies 10</td>
<td>4</td>
</tr>
<tr>
<td>SS 11 or Canadian Civics 11 or BC First Nations Studies 12</td>
<td>4</td>
</tr>
<tr>
<td>Science 10</td>
<td>4</td>
</tr>
<tr>
<td>Science 11 or 12</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 10</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 11 or 12</td>
<td>4</td>
</tr>
<tr>
<td>Physical Education 10</td>
<td>4</td>
</tr>
<tr>
<td>Fine Arts or Applied Skills 10, 11, or 12</td>
<td>4</td>
</tr>
<tr>
<td>Planning 10</td>
<td>4</td>
</tr>
</tbody>
</table>

44 credits

**OR**

## Elective Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning 10</td>
<td>8</td>
</tr>
<tr>
<td>Graduation Transitions</td>
<td>total</td>
</tr>
</tbody>
</table>

28 credits

TOTAL 80 credits

---

*For students graduating on the 2004 Graduation Program (graduation year is 2019)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning 10</td>
<td>8</td>
</tr>
<tr>
<td>Graduation Transitions</td>
<td>total</td>
</tr>
</tbody>
</table>

*For students graduating on the 2018 Graduation Program (graduation year is 2020 or later)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Life Education 10</td>
<td>8</td>
</tr>
<tr>
<td>Career Life Connections (including Capstone Project)</td>
<td>total</td>
</tr>
</tbody>
</table>

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To Graduate Students will need:

- eighty credits in Grade 10 - 12 (equivalent to 20 four credit courses). This includes Required Courses, Graduation Transitions, and Elective Courses.

- a minimum of 4 courses (16 credits) at the Grade 12 level including English 12 or Communications 12.
## PROGRAMS • ALL GRADES • LEVELS 1-3

### LEVEL 1 (3 Blocks ELL)

<table>
<thead>
<tr>
<th>ELL 1</th>
<th>ELL 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELL 1</td>
<td>Elective</td>
</tr>
<tr>
<td>Math 8, 9, 10, 11</td>
<td></td>
</tr>
<tr>
<td>Elective (for Grade12)</td>
<td></td>
</tr>
<tr>
<td>PE Grades 8/9/10</td>
<td></td>
</tr>
<tr>
<td>Elective Grades 11/12</td>
<td></td>
</tr>
<tr>
<td>Elective (Home Ec./TechEd. 8 – Grade 8’s)</td>
<td>Elective</td>
</tr>
</tbody>
</table>

**Level 1 Elective Choices:** Art, Band, Choir, Guitar, Home Economics, Technology Education

### LEVEL 2 (3 Blocks ELL)

<table>
<thead>
<tr>
<th>ELL 2</th>
<th>ELL 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELL 2</td>
<td>Math</td>
</tr>
<tr>
<td>PE Grades 8/9/10</td>
<td></td>
</tr>
<tr>
<td>Elective (for Grades11 and 12)</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Elective (Home Ec./TechEd. 8 – Grade 8’s)</td>
<td>Elective</td>
</tr>
</tbody>
</table>

**Level 2 Elective Choices:** As above plus Beginner’s Band, Keyboarding, French (with previous experience)

ELL 2 has an English and a Science component.

* Students who are ELL 2 will take ELL Science in the first semester and Science in the second semester.
LEVEL 3 (2 Blocks ELL)

<table>
<thead>
<tr>
<th>ELL 3</th>
<th>ELL 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science</td>
<td>Math</td>
</tr>
<tr>
<td>PE Grades 8/9/10 Elective Grades 11/12</td>
<td>Elective (French 8 – Grade 8’s)</td>
</tr>
<tr>
<td>Elective (Home Ec./TechEd. 8 – Grade 8’s)</td>
<td>Socials</td>
</tr>
</tbody>
</table>

*Grade 9, 10, 11 and 12 students who are ELL 3 will take a Social Studies course in the second semester.

ELL PROGRAMS ● GRADES 8-12 ● LEVEL 4

<table>
<thead>
<tr>
<th>LEVEL 4 GRADE 8</th>
<th>LEVEL 4 GRADE 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELL 4</td>
<td>ELL 4</td>
</tr>
<tr>
<td>Humanities 8</td>
<td>English 9</td>
</tr>
<tr>
<td>Science 8</td>
<td>Math 9</td>
</tr>
<tr>
<td>Math 8</td>
<td>Science 9</td>
</tr>
<tr>
<td>PE 8</td>
<td>Social 9</td>
</tr>
<tr>
<td>French 8</td>
<td>PE 9</td>
</tr>
<tr>
<td>HEc/Tech 8</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>LEVEL 4</td>
<td>GRADE 10</td>
</tr>
<tr>
<td>---------</td>
<td>----------</td>
</tr>
<tr>
<td>ELL 4</td>
<td>English 10</td>
</tr>
<tr>
<td>Math 10</td>
<td>Science 10</td>
</tr>
<tr>
<td>Socials 10</td>
<td>PE 10</td>
</tr>
<tr>
<td>Career Life Education</td>
<td>Elective</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 4</th>
<th>GRADE 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELL 4</td>
<td>English 10</td>
</tr>
<tr>
<td>A Math 11</td>
<td>A Science 11</td>
</tr>
<tr>
<td>Socials 11</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 4</th>
<th>GRADE 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELL 4</td>
<td>English 10</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
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<tr>
<td>Elective</td>
<td>Elective</td>
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</tbody>
</table>
ENRICHMENT OPPORTUNITIES

INCENTIVE COURSES

Incentive courses provide enrichment opportunities for highly motivated students of above average talent and ability. These courses are more demanding and aim to extend students to their intellectual limits through challenging activities. The courses involve teaching and learning styles which enhance a student’s ability to read extensively, think analytically and critically, speak and write fluently, use research resources effectively and work independently.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement Program (APP) is a program of acceleration and enrichment which allows gifted or motivated students to begin their college or university studies while still in secondary school. Upon successful completion of an Advanced Placement course, with an appropriate level of proficiency on a standardized exam, the student may apply to colleges and universities for advance standing, course credit or both. The AP Program helps students pursue intellectual activities of a challenging nature and develop higher level thinking skills, such as independent study and research, analysis of knowledge, subject enrichment and sociological implications of the various areas of study.

Burnett offers Advanced Placement courses in:

- Calculus 12 AP
- Chemistry 12 AP
- English 12 AP
- Physics 12 AP I and II
- Studio Art 12 AP

As is the case for all courses offered at Burnett, courses can only be run if there is sufficient enrolment.

Students taking these courses may choose to write Advanced Placement examinations in May of each year. The courses, with the exception of English 12 AP, Physics 12 AP I and II and Art Studio 12 AP require an extra block of time beyond the regular Grade 12 level course in the subject.

Academic demands of the regular program are already quite heavy and it is desirable for students to broaden their interests as well as gain subject enrichment. We caution students to carefully consider the number of Advanced Placement courses selected. There will be additional cost to students taking Advanced Placement exams.

UNIVERSITY ACCEPTANCE OF ADVANCED PLACEMENT

In Canada, APP is growing rapidly in popularity. UBC, SFU, and UVIC recognize the Advanced Placement Program. Students admitted to these institutions who have completed AP subjects with high academic achievement may receive advanced placement and credit. AP is recognized and well accepted in many eastern Canadian universities as well as all American colleges and universities.
LEARNING STRATEGIES PROGRAM

Students who are experiencing learning difficulties typically require services to promote success within their school program. In addition to academic learning issues, students may also have physical, social and/or emotional needs. Placement for learning support is based upon concerns from teachers, administrators, counsellors, parents/guardians and/or students themselves. Services provided in a Learning Strategies/Resource block(s) will vary according to each student’s learning profile and may include one or more of the following:

- direct help in understanding academic course content
- appropriate accommodations to learning in the form of adaptations or modifications
- strategies for better organization, time-management, goal-setting and study habits
- assistance in strengthening skills in reading, writing, speaking and mathematics
- work experience opportunities and life skills training
- strategies for improving behaviour and self-regulation

Each student is assigned a case manager, who coordinates learning services and collaborates closely with parents, classroom teachers, counsellors and administrators, as well as with the outside agencies when necessary. The services offered within the Learning Strategies Program are designed to effectively meet the individual needs of students.

J.N. Burnett Secondary School
Learning Centre
Room D129 and D110
Open at lunch (1:00pm-1:30pm) and after school

What is the Learning Centre?
At Burnett, we have a number of ways that we support you in doing your best possible work. The Learning Centre is one of the services that we are offering to all students.

In the Learning Centre, students work with teachers individually or in small groups to:

- Receive extra help with challenging assignments in all subject areas
- Review or catch up on class material
- Develop reading, writing, study, or organizational strategies
- Write tests in a separate setting
- ...And more!

Who can use the Learning Centre?
- All Burnett students!

How does the Learning Centre work?
Students drop down to the Learning Centre in one of two ways:

- A teacher refers a student
- A student asks their classroom teacher for a referral
EXPLORE THE SKILLED TRADES!!!

http://careerprograms.sd38.bc.ca

@sd38careers

All of our Programs are in Partnership with:

STUDENTS!! Take our programs while in Grades 11 or 12 and...

• Gain a COMPETITIVE ADVANTAGE for university or work entry!
• Have NO WAIT LIST for post-secondary schools!
• Get FREE TUITION!
• Earn TRIPLE CREDITS (college, high school and industry)!

Youth TRAIN in Trades (formerly ACE IT)
- Classroom technical component a trades training
- Trained by a Red Seal certified journeyperson
- Choose from a wide variety of trade offerings (see inside…)

Youth WORK in Trades (formerly SSA)
- Work hours earned in the trade (paid work)
- Must be an ITA trade
- Red Seal journeyperson supervision
**YOUTH TRAIN in TRADES PROGRAMS OFFERED BY SD38**

FOR MORE DETAILS ABOUT EACH POST-SECONDARY TECHNICAL TRADE PROGRAM:

1. Visit the Richmond SD38 Career Programs website for individual program “Forms and Flyers”). **WEBSITE:** [http://careerprograms.sd38.bc.ca](http://careerprograms.sd38.bc.ca)
2. Contact the Career Programs Office if you have any questions. Call 604-668-6000 ext 3766 or email ... careerprograms@sd38.bc.ca
3. Visit your counsellor or career information advisor to support you with completing an application.

**YOUTH TRAIN APPLICATION DEADLINES**

(Priority given to earlier applicants who meet program eligibility requirements)

**1st Deadline - Wednesday, March 7th, 2018**
(Baking Program Applicants **must** meet first deadline)

**2nd Deadline – Wednesday, April 11, 2018**

<table>
<thead>
<tr>
<th>YOUTH TRAIN PROGRAM + LOCATION &amp; SCHEDULE</th>
<th>CREDITS AND CERTIFICATION EARNED</th>
<th>ENTRY REQUIREMENTS</th>
</tr>
</thead>
</table>
| **PLUMBING**                             | • Pass course work and ITA exam (blended) and earn Level 1 technical training certification  
• Receive 16 credits (4 courses at Grade 12 level) | • Any Math 11 AND English 11 or Comm. 11  
• Physically able (tight spaces, moving heavy equipment)  
• Successful result on skills assessment |
| • Sept – June                            |                                 |                   |
| • Palmer Secondary (on Day 2’s) + 4 separate weeks @ Piping Industry College (Annacis Island) |                                 |                   |
| • May attend home school on alternate days |                                 |                   |
| **PROFESSIONAL COOK 1**                  | • Pass PC1 ITA exam, Practical exam and course work to earn Level 1 technical training certification  
• Receive 20 credits (4 courses + 1 work experience at Grade 12 level) | • Any Math 11 AND English 11 or Communications 11  
• Able to work in a fast-paced, multi-tasking environment  
• Successful result on skills assessment  
• Foodsafe Level 1 Certification (can complete in summer prior to program start) |
| • Sept – June (Richmond Secondary on Day 2’s) |                                 |                   |
| • July – August (Mandatory 4 weeks summer after at Vancouver Community College) |                                 |                   |
| • May attend another school on Day 1     |                                 |                   |
| **AUTO COLLISION REPAIR**                | • Pass ITA exam and course work to earn Level 1 technical training certification  
• 4 week work practicum  
• Receive 24 credits (6 courses) at Grade 12 level | • Math 10 AND English 11 or Communications 12  
• Strong attendance and punctuality records  
• Mechanical aptitude and interest |
<p>| Vancouver Community College (Broadway Campus) |                                 |                   |
| • Mid-January – Late-August 2nd semester full-time |                                 |                   |</p>
<table>
<thead>
<tr>
<th>YOUTH TRAIN PROGRAM + LOCATION &amp; SCHEDULE</th>
<th>CREDITS AND CERTIFICATION EARNED</th>
<th>ENTRY REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AUTO REFINISHING PREP TECHNICIAN</strong></td>
<td></td>
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<tr>
<td>Vancouver Community College</td>
<td>• Pass ITA exam and course work to earn Level 1 technical training certification&lt;br&gt;• 50% theory &amp; 50% practical skill acquisition + 4 week work practicum&lt;br&gt;• Receive 16 credits (4 courses) at the Grade 12 level</td>
<td>• Math 10 AND English 11 or Communications 12&lt;br&gt;• Good manual dexterity, hand-eye coordination, eyesight &amp; normal colour vision&lt;br&gt;• Good line, form &amp; depth perception&lt;br&gt;• Good respiratory health</td>
</tr>
<tr>
<td>(Broadway Campus)</td>
<td></td>
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<tr>
<td>• February – July</td>
<td></td>
<td></td>
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<tr>
<td>• 2nd semester full-time</td>
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<tr>
<td><strong>BAKING &amp; PASTRY ARTS</strong></td>
<td></td>
<td></td>
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<tr>
<td>Vancouver Community College</td>
<td>• Pass ITA exam and course work to earn Level 1 technical training certification&lt;br&gt;• Receive 28 credits (7 courses) at the Grade 12 level&lt;br&gt;<strong>Must apply by first deadline</strong>&lt;br&gt;• Must participate in a one-week practical interview in VCC kitchen&lt;br&gt;• Interviews May 2018 @ VCC</td>
<td>• Any Math 11 AND English 11 or Communications 11&lt;br&gt;• Foodsafe Level 1&lt;br&gt;• Teacher or Counsellor reference&lt;br&gt;• Physically able&lt;br&gt;• Previous baking and/or cooking experience recommended</td>
</tr>
<tr>
<td>(Pender Street Campus)</td>
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<tr>
<td>• August – January</td>
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<td></td>
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<tr>
<td>• 1st semester full-time</td>
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<tr>
<td>• Start summer between grades 11 and 12</td>
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<td></td>
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<tr>
<td><strong>CARPENTRY (FRAMING &amp; FORMING)</strong></td>
<td></td>
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<tr>
<td>BCIT (Burnaby Campus)</td>
<td>• Pass two ITA exams and course work to earn both Level 1 and 2 technical training certifications&lt;br&gt;• Receive 16 credits (4 courses) at the Grade 12 level</td>
<td>• Any Math 11 AND English 11 or Communications 11&lt;br&gt;• Physically able&lt;br&gt;• Successful result on district entrance exam</td>
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<td>• February – July</td>
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<td>• 2nd semester full-time</td>
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<td><strong>CONSTRUCTION ELECTRICIAN</strong></td>
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<tr>
<td>BCIT (@ North Delta Secondary)</td>
<td>• Pass ITA exam and EVERY course unit to earn Level 1 technical training certification&lt;br&gt;• Receive 20 credits (5 courses) at the Grade 12 level</td>
<td>• English 12 or Comm. 12 (minimum C+)&lt;br&gt;• Foundation or Pre-Calculus Math 11 (C+ minimum – Math 12 recommended)&lt;br&gt;• Physics 11 with a C+ or better&lt;br&gt;• Chem 11/Physics 12 recommended&lt;br&gt;• Successful result on district entrance exam</td>
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<td>• 2nd semester full-time</td>
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<td><strong>MASONRY</strong></td>
<td>• <strong>PLEASE VERIFY WITH THE CAREER PROGRAMS OFFICE IF THIS WILL RUN in Spring 2019</strong>&lt;br&gt;• Pass ITA exam/ course material to earn Level 1 technical training certification&lt;br&gt;• Earn 16 Gr. 12 credits (4 courses)</td>
<td>• English 10&lt;br&gt;• Any Math 10&lt;br&gt;• Grade 11 completion recommended&lt;br&gt;• Physically strength for lifting&lt;br&gt;• Good work ethic</td>
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<tr>
<td>Kwantlen Polytechnic University</td>
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<td>(Cloverdale Campus)</td>
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<td>• February - June</td>
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<td>• 2nd semester full-time</td>
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<tr>
<td><strong>METAL FABRICATION</strong></td>
<td>• Pass ITA exam and course material to earn Level 1 technical training certification&lt;br&gt;• Course design: 50% practical &amp; 50% theory&lt;br&gt;• Receive 20 credits (5 courses) at the Grade 12 level</td>
<td>• Any Math 11 – minimum 70%&lt;br&gt;• Grade 11 completion recommended&lt;br&gt;• Physically able&lt;br&gt;• Motivated and disciplined&lt;br&gt;• Successful result on BCIT math exam</td>
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<td>BCIT (Burnaby Campus)</td>
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<td>• February - July</td>
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<tr>
<td>YOUTH TRAIN PROGRAM + LOCATION &amp; SCHEDULE</td>
<td>CREDITS AND CERTIFICATION Earned</td>
<td>ENTRY REQUIREMENTS</td>
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| **MILLWRIGHT**  
Kwantlen Polytechnic University (Cloverdale)  
- February – July  
- 2nd semester full-time | • Program includes a math and communications course  
• Pass ITA exam and course material to earn Level 1 technical training certification  
• Receive 20 credits (5 courses) at the Grade 12 level | • Strong academic skills  
• Grade 11 completion  
• Physics 11 suggested  
• Good eye/hand coordination  
• Ability to learn by “reading and doing”  
• Physically able |
| **MOTORCYCLE TECHNICIAN**  
BCIT (Burnaby Campus)  
- February - July  
- 2nd semester full-time | • Pass ITA exam and course material to earn Level 1 technical training certification  
• Receive 16 credits (4 courses) at the Grade 12 level | • Any Math 11 – minimum 70%  
• Grade 11 completion recommended  
• BCIT pretest for English, Math, mechanical reasoning  
• Motivated & disciplined |
| **PAINTING (COMMERCIAL)**  
Finishing Trades Institute of BC (North Surrey)  
- June-July of Grade 11 or 12  
- 6 weeks full-time | • Pass ITA exam and course material to earn Level 1 technical training certification  
• Receive 4 credits (1 course) at the Grade 12 level | • Open to students in Grades 11 and 12.  
• Must apply by mid-May at the latest  
• Physically able |
| **WELDING**  
Kwantlen Polytechnic University (Cloverdale)  
- February – August  
- 2nd semester full-time | • Pass ITA exam and course material to earn Level 1 technical training certification  
• Receive 24 credits (6 courses) at the Grade 12 level | • English 10 and Math 10  
• Gr. 11 completion recommended  
• Ability to learn by “reading and doing”  
• Physically able  
• Good hand/eye coordination |

**YOUTH WORK IN TRADES (FORMERLY SSA)**

**CONTACT:** Ms. Jessica Regan, 604-668-6000 (EXT 3796)

- **Are you already employed (paid) in an apprenticeable trade?**
- **Are you between the ages of 15 and 19 and working with a certified trade person who is willing to sponsor you?**
- **Earn up to 16 high school credits while working (480 hours)! - Earn while you learn!**
- **May qualify for a $1000 award by maintaining a C+ average in Grade 12 courses**
- **Apply using separate work in trades application form (see counsellor or career programs website)**

*Revised November 2017*
Richmond School District offers several opportunities for high school students to explore and gain credentialing in a skilled trade while completing their secondary school graduation diploma. These are offered to students through two types of apprenticeship programs:

**Youth WORK in Trades Program (formerly SSA)**

**Overview:**

- This apprenticeship program consists of **work-based training** (up to 480 hours) (with some accompanying assignments and employer evaluations).
- The work must be in a recognized* trade and must be **PAID** work.
- Students must be between the ages of 15-19.
- Hours accrued can be credited with the ITA* toward your apprenticeship training requirements.
- Students may earn up to 16 high school credits for **PAID WORK** (480 hours)!
- Upon completion, you may be eligible to earn a $1000 award (must attain a C+ average or higher in your Grade 12 courses).
- During high school, **students may concurrently apply to enroll in a District Youth TRAIN in Trades program** (see below) OR, upon graduation students have an opportunity to register in a college/university technical training program for their trade.

*Refer to the Industry Training Authority (ITA) website for a list of apprenticeable trades in BC [www.itabc.ca](http://www.itabc.ca).

**Youth TRAIN in Trades Program (formerly ACE IT)**

**Overview:**

- The Richmond School District offers a variety of **TRAIN in Trades** programs to Grade 11 and 12 students in many skilled trades. This is the technical (classroom) training component of an apprenticeship.
- Students **earn** both **post-secondary school** and high school credit. (Where the program has a college/university partner, apprentices gain early entry into that school.)
- While some programs take place in Richmond School District high schools, several others are offered full-time on-site at a college/university campus (e.g. construction electrician, welding, carpentry, auto refinishing etc).
- Richmond SD38 pays the cost of tuition (a savings up to $4000). Students cover consumable costs such as textbooks, tool kit, uniform, U-pass, post-secondary fees etc. (approx. $500 - $1500)
- In some programs, there is a required **WORK in Trades** component. This typically occurs after school hours or on weekends. The acquired hours may be credited toward the ITA’s work hours required for the trade of study.

For more information contact your School Counselor, Career Information Advisor or the District Career Programs Office at 604-668-6000 (extension 3766). Email: careerprograms@sd38.bc.ca

All of our Programs are in Partnership with:

- ITA
- BCIT
- Vancouver Community College
- Kwantlen Polytechnic University
- PIC
- FTI Finishing Trades Institute of BC
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All of our Programs are in Partnership with:
PLEASE NOTE:

• Course Fees – Basic supplies will be provided to students in order to meet the learning outcomes of all courses. However, should a student choose to use optional materials to enhance a project or wish to participate in optional field trip experiences, a fee will be charged.

• Students who have already completed and passed a grade appropriate course (ie: at summer school, on-line, etc.) ahead of time are not guaranteed the opportunity to take the next level course at Burnett. Space in courses is limited and priority must be given to grade appropriate students. For example, a grade 12 student will be given priority to take Biology 12 over a grade 11 student who takes Biology 11 at summer school and wishes to proceed to Biology 12 in their grade 11 year.
J.N. Burnett’s Art Department welcomes you to our community! This is a place where creative thinking, imagination, and collaboration thrive. Whether you are an experienced artist, or someone who has never taken an art class before, we invite all of you to experience the many different courses we have to offer. Each year we invigorate our program with new and exciting opportunities for our students. Come and join the fun!

**ART 8**
Welcome to a place where imagination flourishes, a place where your creativity can be expressed! Art 8 introduces methods such as drawing, painting, printmaking and ceramics. Come and explore your imagination...the sky is the limit.

**ART STUDIO 9**
This course is designed for the student who loves to explore all methods of art-making. Painting, drawing, printmaking, and sculpture are some of the many processes we have to offer all artists, at any level. If you loved the variety Art 8 had to offer, this course is for you. Step into the studio and join the fun!

**ART STUDIO 10**
This course is for the individual who loves all aspects of art - both two and three-dimensional. Draw, paint, print and sculpt your ideas into existence. Learn about the role art can play in your life and discover the many career possibilities the arts can hold. Join our creative community!

**ART STUDIO 11**
Are you curious about the various methods and concepts that art has to offer? This course is designed to both build on the skills of continuing artists as well as introduce those who are new to art to the many different techniques explored in the studio. Discover artists of the past and present while exploring your own ideas. Develop the creative problem-solving skills that are sought after in today’s job market. Let your imagination run wild!

**ART STUDIO 12**
This course is designed for individuals that enjoy both two and three-dimensional art making but want the best of both worlds wrapped up in one course. Whether you are serious about studying art & design, or taking art to develop skills, relax and have fun, this course has something for everyone. Let’s get creative!

**DRAWING AND PAINTING 9**
Have you always wanted to learn how to draw? Drawing & Painting 9 explores a wide variety of two-dimensional media including drawing, painting, collage, printmaking, textile design, and visual journaling. Ready...set...let’s draw!

**DRAWING & PAINTING 10**
Wanted: creative minds! This course is designed for students who want to develop their drawing and design skills, while exploring their own ideas. Drawing and Painting 10 expands the many methods of drawing and painting—including pen & ink, watercolour, acrylic, pastel, pencil, visual journaling, and much more! Get ready for maximum creativity...and amazing results!

**DRAWING & PAINTING 11**
This course has a strong focus on designing, visual journaling, drawing, painting, and printmaking. Develop your technical skills while expressing yourself creatively. Explore the world around you visually. Whether you are interested in embarking on an exciting career in art & design, and starting to build a portfolio, or just want to take a fun and creative course, Drawing & Painting 11 is for you!

**DRAWING & PAINTING 12**
Welcome to the studio! Drawing & Painting 12 is a course that focuses on design, drawing, painting, visual journaling, printmaking, and, for those who are interested, portfolio development. Learn about the vast art career opportunities and acquire skills and visual literacy – important in any career endeavor! Celebrate your individuality and express your ideas in this studio-based course.
SCULPTURE 9
Experience the excitement of creating things in three dimensions! This course explores a wide variety of sculptural techniques and materials, including clay, paper mache, wood, plaster, wire, found objects and more. Bring your ideas to life in this hands-on, creative class!

SCULPTURE 10
Build it up, mash it down! Pile it high or carve it away! Tap into your need to create in 3 dimensions with this sculptural course! Explore a wide variety of sculptural techniques including clay, wire, plaster, paper maché, assemblage, cardboard, casting, and more! No artistic experience required, just creativity and a desire to make!

SCULPTURE 11
Do you love working with your hands? Do you want to know how to bring a two-dimensional drawing to life in three-dimensional form? Learn the tricks and techniques of both reductive and additive sculpture techniques. Make fun and creative projects you can take home...come on a creative adventure!

SCULPTURE 12
Whether you are destined to become the next great sculptor or just love getting your hands dirty, Sculpture 12 is the course for you. Experience the thrill of creating impressive three-dimensional work. Expand your portfolio, or just explore making creative projects...new projects, new materials, and new ways of expressing yourself!

PHOTOGRAPHY/MEDIA ARTS & GRAPHICS 10
Are you ready to learn how to take amazing photos? Are you interested in graphic design? This course introduces you to the basics of Photography and Media & Graphic Arts---from camera techniques, darkroom experimenting, to photo computer enhancing and movie making. This course has a bit of everything! Learn the techniques that will improve and enhance your visual eye whether you use a simple automatic camera or a sophisticated SLR model... or even your phone! Whether you want to head into the fields of photography, graphic design, journalism, film-making, or simply want to take better shots and create memories, this course is for you!

PHOTOGRAPHY/MEDIA ARTS & GRAPHICS 11
This course is designed to accommodate both the returning Media 10 student as well as the beginning Media Art student! As a beginner, you will learn the basics of photography to graphics to movie making. As a returning Media Art loving advanced student, you will explore, the more detail, techniques of digital photo imaging and movie making using Photoshop and IMovie. Learn to alter, twist, colour, break apart, reconstruct. Merge together and radically change your existing images! Experiment with digital photography as an added method for creating images, then take those photos and create montages using various movie editing techniques using the professional industry based program Final Cut Pro. Most of all, develop your own photo graphic style and artistic voice-a-picture is worth a thousand words!

PHOTOGRAPHY/MEDIA ARTS & GRAPHICS 12
Prerequisite: PMAG 11, a portfolio, or teacher's permission.
This course is designed for the student who is seriously considering further study in Media Arts (photography, graphics, film etc.) As Media Arts 12 is an advanced course, it is expected that students will use most of their time to complete a portfolio that will help them to gain admission to a post-secondary school. Students enrolled will work primarily in a self-directed fashion, therefore dedication and time management skills are a MUST! Instructor will advise, critique and help develop projects designed to assist VAMT 12 students in the articulation of their visual statements. Career possibilities are highlighted, as are current trends in photography, art and design. This course is for the artist wanting to go into a media based career, building a digital portfolio and creating movies with the latest Photoshop and Final Cut Pro Programs.
~ART ADVANCED PLACEMENT STUDIO~

STUDIO ART AP 12
Prerequisite: Permission from the Visual Arts Department and at least two senior level art courses (grade 11 and 12)
JN Burnett Secondary’s Art Department offers the Advanced Placement Drawing program. In order to take Advanced Placement, students must have experience in at least two senior level art courses, as well as teacher permission. Candidates for the AP Drawing program must show initiative and a commitment to developing a portfolio. Advanced Placement is suitable for students who are interested in the challenge of developing their creative concepts and craftsmanship at the college level.

~ BUSINESS EDUCATION ~

ACCOUNTING 11
This is a course in basic accounting principles and their applications. Topics to be covered are: general ledger, subsidiary ledgers, journal entries, trial balance, financial statements: income statement and balance sheet, payroll adjustments, worksheets and closing entries. This course is designed as an introduction to accounting concepts for those seeking entry-level employment in the accounting field as well as for those wishing to continue further study in accounting.

ACCOUNTING 12
Prerequisite: AC 11
This course stresses the practical application of the principles taught in Accounting 11, using more advanced procedures and techniques. Advanced concepts such as payroll, depreciation, and internal control will be introduced. This is a useful course for any student who expects to go directly into employment in business. Those students who intend to complete a university business degree, college business diploma or a professional accounting degree are strongly advised to take this course. Students are required to have a laptop computer for this course, as most assignments will be completed using Microsoft Excel.

FINANCIAL ACCOUNTING 12
This course is an introduction to financial accounting concepts. Completion of Accounting 11 is not a requirement. This is an excellent course for students planning to pursue post-secondary studies in accounting, finance, business management course or commerce. In addition to basic accounting concepts and procedures, students will be introduced to advanced topics such as adjustments, and financial analysis.

ENTREPRENEURSHIP AND MARKETING 10
This course allows students to explore entrepreneurial opportunity, innovation, product development, and focus on combining principles of business development with market awareness.

ECONOMICS 12
Prerequisite: SS 11
This course is an introduction to economic theory, the Canadian economy and global trends. It covers such problems as recession, unemployment, inflation, foreign ownership, the relationship between supply and demand, banking and international trade. EC 12 examines the roles of the major players on the economic scene: consumers, investors, business, labour and government. Students planning to enter the Faculty of Commerce/Business Administration in post-secondary studies will find this course very helpful.

ENTREPRENEURSHIP 12
This course sees the entrepreneur as an innovator and focuses on the local business community, identification of business opportunities, preparation and evaluation of business plans. Students will be introduced to organizational and management skills necessary to function effectively in a business environment. Students who are interested in business ownership and investment will find this course interesting and helpful.

KEYBOARDING 9
This is an introductory course in typing for students who have not taken keyboarding. Basic computer skills and keyboarding techniques will be learned and applied in personal and business documents such as letters and essays. Speed and accuracy on the keyboard will also be emphasized.

KEYBOARDING 11
This is an introductory course in typing for students who have not taken keyboarding. Basic computer skills and keyboarding techniques will be learned and applied in personal and business documents such as letters and essays. Speed and accuracy on the keyboard will also be emphasized. This course is open to Grade 10, 11, and 12 students.
MARKETING 11
This course focuses on developing knowledge and skills in the context of retail and service marketing. Students will learn about the
importance of customer service, analyse the methods used to maintain customer loyalty, examine ways in which product
presentation influences buyers, and investigate the critical factors involved in inventory control, including the role of technology. A
variety of learning methods will be employed: Group work, presentations, research, guest speakers, report writing, and running the
school/website.

MARKETING 12
This course will focus on developing a unique global perspective regards to business through Marketing and E-commerce principles.
The course will quickly review basic principles taught in Marketing 11 and then focus on digital e-comm retail environments. A large
part of this course will concentrate on strategic principles used to run a successful E-commerce business. A variety of learning
methods will be employed: Group work, presentations, research, guest speakers, report writing, and running the school store/website.

~ CAREER LIFE EDUCATION 10 AND GRAD TRANSITIONS 12 ~

CAREER LIFE EDUCATION 10
Career Education is a process that recognizes three major phases of career development—Foundation and Awareness,
Exploration, and Experience and Application. The connection between grade levels and phases is one of emphasis—many high
school students will still need to focus on awareness or exploration for example. Students will transition through each phase based
on their personal development and community context. Career Education helps students discover the bridge between classroom
learning and post-graduation life, and is intended to make their learning meaningful and relevant to their next steps after school.

As students at Burnett move through Grades 10–12, they will further refine their understanding of the links between personal
development and their career decisions. They consider regional and global trends to reflect on career possibilities, refine their
understanding of safety requirements associated with occupational areas and related technologies, and further develop and refine
their understanding of career possibilities through planning, practice, and application of competencies and knowledge.
Curricular competencies for Career Life Connections and the Capstone Project will be developed through assignments,
presentations, and student reflections during Burnett Conference Days through Grades 10 - 12.

GRADUATION TRANSITIONS
Graduation Transitions is a 4-credit program required for Grade 12 Graduation. It is intended to assist students in making
preparations so they have a successful transition to life after secondary school. The plan is organized into three categories: Personal
Health, Community Connections, and Career and Life. Students are required to show evidence demonstrating knowledge and
competence for each of these categories and then discuss some of these with a staff member. Students will begin gathering
evidence in Planning10 and then will add to it throughout Grades 11 and 12.

~ INFORMATION TECHNOLOGY ~

The Digital Media core will introduce and develop the student’s skills in the area of computer graphics, animation, design layout,
web publishing and video production. This path is designed to prepare students for post-secondary computer graphics, video
production and web development courses.

INFORMATION TECHNOLOGY 9/10
This is a locally developed elective course designed to introduce students to the world of computers. Over the semester, the
following topics will be examined: history of computers, parts/structure and types of computers, creating graphics on the
computer, introduction to MS Office (Word, Excel, Powerpoint), Photoshop (learn to manipulate graphics), creating animation on
the computer (Flash) and introduction to the Internet and creating basic web pages using HTML scripting language. This course is
ideal for beginners. Basic understanding of how to use a computer is an asset but not essential. A home computer is not necessary,
nor are there any prerequisites.
APPLIED DIGITAL COMMUNICATIONS 11
This introductory course provides an overview of practical computer applications relevant in a business environment. Students will use up-to-date office standard technologies to develop business communication, problem-solving and technology application skills. This will come in the form of assignments that deal with word processing, publications, spreadsheets, Powerpoint presentations, and minor web design elements. This course will focus on the use of the following applications: Microsoft Word and Page Design, Microsoft Excel and Business Modelling, Microsoft Powerpoint or Open Source Presentation (Prezi), Bonus: Intro Web Design (Wordpress, Wix or Weebly).

DIGITAL MEDIA DEVELOPMENT 11
This course provides an overview of basic media design principles. The focus of this course will be to give students experience with various technology platforms to develop their own unique personalized story based digital media. This course will focus on the following industry applications/Issues: Adobe Animate/Flash, Adobe Fireworks, Open source Graphic Apps, Apple I-Movie, Garage Band/Audacity, Web Development (Blogs, Coding, Social Media), Action Script and HTML.

DIGITAL MEDIA DEVELOPMENT 12
This course provides an overview of practical computer applications dealing with various forms of digital media. The focus of this course will be to allow students to be more familiar with developing some standard forms of 2D graphics, 3D modelling, video sound and web content. This course will concentrate on the use of the following industry applications/Issues: Adobe Flash/Animate, Adobe Photoshop, Adobe Illustrator (if time available), Adobe Premiere Elements or Pro, Garage Band/Audacity/Open source sound tools, CSS Layer/Dreamweaver, Blender 3D Modelling.

COMPUTER INFORMATION SYSTEMS 11
This provides an overview of some of the basic concepts covered in the field of Computer Information Systems. CIS is concerned with the use of various forms of computer related technology to aid and expedite the flow of information/data. The focus of CIS 11 will be to allow students to be more familiar with some of these types of information system technologies. The following applications, issues and concepts will be addressed with each course: Computer Hardware/Software/OS, Internet Systems, Computer Protocols: FTP, TCP/IP, Hands on Computer Assembly, Technical Troubleshooting.

COMPUTER INFORMATION SYSTEMS 12
This course provides an overview of some of the basic concepts covered in the field of Computer Information Systems. CIS is concerned with the use of various forms of computer related technology to aid and expedite the flow of information/data. The focus of 12 will be to allow students to be more familiar with some of these types of information system technologies. The following applications, issues and concepts will be addressed with each course: Impact of Evolving Computer Hardware/Software, Internet Systems, Networking Basics/Topologies/Servers, Troubleshooting Protocol/Security, Hands Network Assembly.

~DRAMA~

DRAMA 8
This course will get you moving, creating and collaborating! We work hard to create a safe and supportive classroom community and explore our creativity through activities and performances. This is a great place to gain experience and confidence to speak in public and work with others – foundational skills for all of high school! Many acting basics like voice and body control, tableau, character building, mime, and scene creation are explored through games and projects. Students will also have the opportunity to attend professional productions to develop their critical abilities. An engaging and active course!

DRAMA 9
Get out from behind a desk and get moving! Drama 9 continues to build a student’s experience and confidence in collaborating with others and presenting on stage. Acting fundamentals like body and voice control, mime, improvisation, character building and stage basics are reviewed and built upon so new students are welcome. Favourite units include Reader’s Theatre and “Panto”, which we perform for a group of young students from Blair – a true highlight of the year. Students have the opportunity to attend professional productions to develop their critical abilities.

DRAMA 10
Drama 10 furthers the topics covered in Drama 9 though new students are also welcome! The course continues to develop skills in acting, character building, production and scene writing. More advanced work in scene analysis and character portrayal is explored through scripted scenes and plays. We also explore physicality through mime, mask and the fun of stage combat! There is a continued emphasis on individual and group dynamics in all we create, and creativity and risk taking are encouraged. Students have the opportunity to attend professional productions to develop their critical abilities.
DRAMA 11
Acting makes us take a deeper look at ourselves so that we can begin to understand others. This course is designed for students interested in honing their skills as performers through various acting genres and scene work. Focus is given to the importance of treating our bodies and voices as instruments. We will begin to explore production elements such as lighting, sound, set, costume, make up and props. We will create characters from scripted and non-scripted sources. Units of study may include Old Age Character, Mask Work, Commedia Dell’Arte, Stage Combat, Mime, scene study, monologues and the production of an original or published One Act play. We will also explore careers related to acting, including those in film and TV. Students will be encouraged to attend and review professional productions to display their critical abilities. A level of ELL 4 or higher is highly recommended.

DRAMA 12
Acting 12 offers further content and study in acting genres, character creation and scene work (scripted and original). Acting skills such as focus, concentration, confidence, and honesty are further developed, as is class leadership. Acting technique in relation to technical elements will be explored and students will create characters from scripted and non-scripted sources. Units of study may include Mark work, Stage Combat, Mime, Scene study, Monologues, Audition technique, Acting for Film and TV and the production of an original or published One Act play. We will also explore careers related to acting, including those in film and TV. Students will be expected to attend and review professional production to display their critical abilities. A level of ELL 4 or higher is necessary.

DIRECTING AND SCRIPT DEVELOPMENT 11/12
Do you have a vivid imagination, leadership skills and creative vision? This course is for you. Students will become familiar with all basic elements of theatre production and focus on two key areas: directing and script-writing for stage, radio and film. Directing skills include script analysis, auditions and casting, facilitating the rehearsal process and creating a director’s prompt book. In the area of script development, various strategies will be explored to develop character, theme, dialogue and the importance of a writer’s vision, voice and style. Writing projects will range from radio plays, commercials and scenes to the creation of an original one-act play. The final project will require the direction of a short play demonstrating an understanding of blocking, objectives, text analysis, dramaturgy, and technical elements. Students will develop leadership, creativity, and responsibility in this engaging and challenging course. Previous drama experience and an ELL level of 4 or higher is recommended.

THEATRE COMPANY 10/11/12
Theatre Company is an exciting acting course for drama students who want to help create and perform in a large school production (what was once the extra-curricular spring play). While gaining course credit, students will participate in auditions, production design and creation, special skills training (dance, fight choreography, etc.), publicity, rehearsals, character creation and performance. Classes will be after school, outside the timetable of a regular basis until show month (April or May) when students should be prepared to put in extra hours for additional rehearsal and tech. This class requires an audition and it is recommended that students also continue to acquire and refine the performance skills necessary in the Acting Course for their grade level. Auditions will take place in February/March. A previous Drama course is recommended.

~DANCE~

DANCE TECHNIQUE AND PERFORMANCE 9
Dance 9 is an introductory course that focuses on: technique, strengthening, balance, flexibility, rhythm, and confidence development. Students require dance strip. Various genres will be explored. Assignments include group movement projects, leadership of warm-ups, group choreography and written work.

DANCE TECHNIQUE AND PERFORMANCE 10
Further development of dance skill continues. New skills such as leadership, pattern awareness, imagination, stage presence and performance choreography are introduced. Various genres will be explored. Assignments include group choreography projects, leadership of warm-ups, and written work.

DANCE TECHNIQUE AND PERFORMANCE 11
Further development of dance skill continues. Various genres will be explored. Assignments include solo choreography, leadership of warm-ups, and written work.
DANCE TECHNIQUE AND PERFORMANCE 12
Prerequisite: DNP 11 or Teacher Permission
Students will specialize in technique, dance terminology, dance genres and design. Students continue their participation in both training and performance of dance. Assignments include solo and group choreography, leadership of warm-ups, and written work. There is emphasis on positive leadership skills and teaching classmates original choreography.

"ENGLISH"

HUMANITIES 8
This two semester course contains English and Social Studies components. The course aims to develop students' listening, speaking, reading and writing abilities. Teachers select from a range of literature and texts. These are often linked thematically to the Social Studies topics of World Geography, Middle Ages, Renaissance and Exploration.

HUMANITIES 8 INCENTIVE
This two semester course contains English and Social Studies. This program enriches the regular curriculum and is intended to elicit higher level skills. Incentive Humanities involves teaching strategies that enhance students' abilities to read extensively, think analytically and critically, speak and write fluently, use research resources effectively and work independently. Enrolment is limited and candidates must demonstrate a willingness and an ability to meet the rigours of the course before being accepted. In general, only students who have earned B or A marks in previous Language Arts courses should apply.

ENGLISH 9
Students continue their development in the four areas of listening, speaking, reading and writing. They explore more challenging works of literature, with a focus on a wide variety of prose and poetic forms and genres, and the ever-changing character of the English language. Through both reading and writing, students learn to recognize and produce different patterns of the written language.

ENGLISH 9 INCENTIVE
This program enriches the regular curriculum and is intended to elicit higher-level skills. Incentive English classes are formed on a year by year basis. Students must demonstrate:

- a mark of 80% or higher.
- the ability to participate well in class discussions.
- strong written expression

ENGLISH 10
Students have the opportunity to choose ONE of the following paired courses:

COMPOSITION 10 AND SPOKEN LANGUAGE 10

Composition 10 is designed for students who have an interest in developing their skills in written communication in a variety of contexts. The course provides students with opportunities to think critically as they explore, extend, and refine their writing. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. They will develop their craft through processes and drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations. The course provides opportunities for diverse learners to be supported in developing and refining their writing abilities.

Spoken language skills are increasingly necessary in everyday, educational, and professional contexts. Spoken Language 10 provides opportunities for students individually and collaboratively to study, create, and use language to produce original pieces in a variety of modes. The course will provide students with opportunities for performance and public speaking. Spoken Language 10 will appeal to students who enjoy public performance or oral storytelling or who want to gain more experience and skill in this area. This course may be of particular interest to:

- students with strong verbal communication skills
- ELL students who want to develop their oral language skills
- Students going into professions in which presentation skills are an asset
- Students who may wish to help maintain oral traditions
CREATIVE WRITING 10 AND NEW MEDIA 10

**Creative Writing 10** is designed for students who have an interest in creative expression through language. The course provides students with in-depth opportunities to become better writers through the exploration of personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course is intentionally grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, extend, and refine their writing.

**New Media 10** is a program of studies designed to reflect the changing role of technology in today’s society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop a program of study centred on students’ interests, needs and abilities, while at the same time allowing for a range of local delivery methods. New Media 10 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through a variety of digital and print media. Compared with New Media 11, New Media 10 emphasizes tasks and texts of less complexity and sophistication.

FOCUSED LITERARY STUDIES AND COMPOSITION 10

**Focused Literary Studies 10** is designed for students who are interested in the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time:
- Increase their literacy skills through close reading of appropriately challenging texts
- Enhance their development of the English Language Arts curricular competencies, both expressive and receptive
- Expand their development as educated global citizens
- Develop balance and broaden their understanding of themselves and the world
- Develop higher-level thinking and learning skills
This two-credit course is designed to provide an introduction to Focused Literary Studies 11(four credits).

**Composition 10** is designed for students who have an interest in developing their skills in written communication in a variety of contexts. The course provides students with opportunities to think critically as they explore, extend, and refine their writing. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. They will develop their craft through the process of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations. The course provides opportunities for diverse learners to be supported in developing and refining their writing abilities.

ENGLISH 10 INCENTIVE- FOCUSED LITERARY STUDIES 10 AND COMPOSITION 10

This program enriches the regular curriculum and is intended to elicit higher-level skills. Incentive English classes are formed on a year-by-year basis. Students must demonstrate
- A mark of 80% or higher
- The ability to participate well in class discussions
- Strong written expression

**Focused Literary Studies 10** is designed for students who are interested in the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time:
- Increase their literary skills through close reading of appropriately challenging texts
- Enhance their development of the English Language Arts curricular competencies, both expressive and receptive
- Expand their development as educated global citizens
- Develop balance and broaden their understanding of themselves and the world
- Develop higher-level thinking and learning skills
This two-credit course is designed to provide an introduction to Focused Literary Studies 11(four credits).
**Composition 10** is designed for students who have an interest in developing their skills in written communication in a variety of contexts. The course provides students with opportunities to think critically as they explore, extend, and refine their writing. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. They will develop their craft through processes of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations. The course provides opportunities for diverse learners to be supported in developing and refining their writing abilities.

**COMMUNICATIONS 11 (COM 11)**
Prerequisite: EN 10
This course is designed for students who plan to enter the work force or pursue vocational training after graduation. The course focuses on the basic skills of reading, writing, speaking and listening, which may be required on the job or in personal life. Communications 11 is **not acceptable** for entry to universities, but is accepted as an entry level course into some colleges – please check with specific institutions for details. Literature may involve non-fiction, novels, short stories, and drama, and provides students with opportunities to develop an enjoyment and appreciation of literature. Composition focuses on school and personal activities and situations.

**ENGLISH 11**
Prerequisite: EN 10
This course prepares students for English 12 as well as post-secondary studies. The focus in English 11 is on literature, literary analysis, and expository composition. Students selected to the Incentive class will have an enriched program as described in the Incentive English write-up below.

**ENGLISH 11 INCENTIVE**
Strongly recommended for students who plan to take Eng12AP. This program enriches the regular curriculum and is intended to elicit higher-level skills. Incentive English classes are formed on a year-by-year basis. English 11 Enriched gives the student the opportunity to improve and practice skill that will expose students to the type of activities and expectations required by the AP program. Eng 11 Incentive lays the groundwork and foundation for success not only in later AP classes but ultimately in college/university course work as well. Students must demonstrate:
- A mark of 80% or higher
- The ability to participate well in class discussions
- Strong written expression

**COMMUNICATIONS 12 (COM 12)**
Prerequisite: COM 11 or EN 11
This course extends the core skills developed in Communications 11 and is intended for those students who plan to enter the work force or pursue vocational training after graduation. Communications 12 is **not acceptable** for entry to universities, but it accepted as an entry-level course into some colleges – please check with specific institutions for details. Literature study emphasizes business, technical and personal writing formats such as paragraphs, reports, letters, notes and resumes.

A provincial exam must be written at the end of this course and counts as 40% of the final grade.

**ENGLISH 12**
Prerequisite: EN 11
This course prepares students for post-secondary studies. The main emphasis of English 12 is on the analysis of works of literature and the development of critical thinking, reading, writing and presentation skills. **A provincial exam must be written at the end of the course and counts as 40% of the grade.**

**ENGLISH 12 ADVANCED PLACEMENT**
Prerequisite: EN 11 and teacher recommendation/EN 11 Incentive
Gifted and well-motivated students who have made superior achievement in English 11 may take this course in lieu of English 12. This course will cover and extend the concepts developed in the English 12 program and will prepare students for the Advanced Placement Examination.

This course is worth 8 credits. Students will get credit for both English 12 and English 12AP. **A provincial exam must be written at the end of this course and counts as 40% of the grade.**
ELL 1 English
This is a beginner’s English course that develops basic reading, writing, listening and speaking skills.

ELL 2 English
This is an upper beginner’s English course that furthers students’ reading, writing, listening and speaking skills.

ELL 2 Science
This introductory Science course introduces level 2 students to lab and safety terminology, along with units on water, air, chemistry and energy. Students must be successful in ELL 2 English and ELL Science in order to be promoted to ELL 3.

ELL 3 English and Socials
This is a linear language course that focuses on developing fluency in English through practical use of the language and a study of the mechanics of basic sentence and paragraph structure. This course has an introductory social studies component that focuses on Canadian History and Geography.

ELL 4 English
This course is for ELL students who are fluent in English. It has composition and literature components.

~HOME ECONOMICS~

All Home Economic courses fit under the Applied Design, Skills, and Technologies curriculum.

HOME ECONOMICS 8
Home Economics 8 along with Technology Education 8 are the two modules that make up the Applied Design, Skills, and Technologies 8 course.

Home Economics encourages the acquisition of skills for life-long learning. Students are encouraged to develop social competencies and practical skills related to individual, family, community and global needs. A compulsory Grade 8 course allows students many opportunities to develop these skills and competencies through the basic components of Textiles and Foods Studies. This introduction will also allow students to make wiser choices in future course selection. The course is made up of the following sections:

Foods and Nutrition: An introduction to the basic principles of food preparation and food handling skills.
Textiles: An introduction in the use of sewing machines, equipment and supplies. One or two projects will be constructed.

FOOD STUDIES 9
This course provides an introduction to the principles of food preparation, basic cooking techniques and nutrition. Management of time, energy and resources, smart consumerism, understanding of food safety and aiming for and recognizing quality in food products are all areas of development. Students will apply their knowledge to the planning, preparing and serving of meats and alternatives, vegetables and fruits, milk products and a wide variety of grain products. Classes will encourage students to make wise food choices to fit in with their cultural backgrounds, life styles and nutritional needs.

FOOD STUDIES 10
This course is an extension designed to further explore food preparation principles. Critiquing snacks, analyzing food labels and nutrition are integral parts of the foods course. Various baked goods, nutritious snacks and small meals will be prepared allowing the students to experience a wide variety of cooking techniques and methods of food preparation.

FOOD STUDIES 11/12 - COURSE A
(FDS 11 or FDS 12 depending on what grade the student is in and/or previous foods courses completed)
This is an intermediate course designed to broaden the student’s experiences in the planning and preparation of food. The course is divided into two main components: baking and meal preparation. A wide variety of baked goods as well as partial and complete
meals are prepared so that students gain practise in menu planning and experience a wide variety of methods of food preparation. Nutrition is an integral part of this course. Students will be given the opportunity to plan and select recipes for use in the lab. This course provides practical skills for independent living.

This course will be offered in 2019-2020.

**FOOD STUDIES 11/12 - COURSE B**
(FDS 11 or FDS 12 depending on what grade the student is in and/or previous foods courses completed)
This course is designed for students who want advanced knowledge in the areas of cookery techniques, meal planning, meal preparation and nutrition. The main component of the course is International Foods, as the course will focus on the study of different cultures and their cooking. Labs are more advanced in meal preparation, food costing and presentation. Skills developed will promote competent, independent living and may be used to pursue careers in the Foods industry.

This course will be offered in 2018-2019.
Textile Studies are courses designed to further student knowledge of fashion, sewing and design. Three to four garments will be constructed throughout the year based on skills and concepts taught in conjunction with students' personal taste.

TEXTILES 9
Textiles 9 is an introductory course for students who have an interest in clothing, fashion trends and learning how to sew. Students will learn about the design process and the principles of design. Students will use their new skills and their personal taste and style in creating and constructing several projects including pyjama pants, skirt, a hoodie or a simple dress. Students will also consider ways to minimize waste and their impact on the environment.

All supplies and materials are to be chosen and purchased by the student. Supplies for regular curriculum and small projects will be supplied.

TEXTILES 10
Textiles 10 is an intermediate course designed to broaden the student’s sewing skills, develop their interest in clothing & fashion. Students will learn about the design process and the principles of design. This will include the use of the serger and embroidery machine. They will use basic and advanced skills to create and design several sewing projects. Students will also consider ways to minimize waste and their impact on the environment.

All supplies and materials are to be chosen and purchased by the student. Supplies for regular curriculum and small projects will be supplied.

TEXTILES 11
Textiles 11 is an advanced course designed for students to build on their knowledge about fashion, textiles and sewing techniques to create the latest trends in clothing. Alter commercial patterns to reflect personal taste and skill level or recreate designer fashions. Students will also learn about current fashion trends, elements of design while considering ways to minimize waste and their impact on the environment. This course will give students life-long skills to enjoy.

All supplies and materials are to be chosen and purchased by the student. Supplies for regular curriculum and small projects will be supplied.
TEXTILES 12
This course is an extension of previous Textiles courses. Students will learn advanced sewing techniques and work with challenging fabrics. Students will have the opportunity to choose projects to challenge their sewing skills and to combine elements & principles of design to the process of creating their own garments. Current fashion trends, fashion marketing and advertising while considering ways to minimize waste and their impact on the environment will be examined. Students will also explore career opportunities in the local fashion industry.

All supplies and materials are to be chosen and purchased by the student. Supplies for regular curriculum and small projects will be supplied.

FASTION DESIGN & FASHION ILLUSTRATION 12
Prerequisite: Textiles 11 or 12
This course is for fashion conscious students interested in developing their designing abilities. It will teach you how to sketch the styles, draft the patterns and then make your own personally designed clothing. Students will apply their knowledge of the elements and principles of design to alter an existing garment or create an original garment. Students have the opportunity to develop a portfolio to explore fashion trends, design, fashion illustration, marketing and product development. This course is designed to help prepare students who want to pursue a career in the fashion industry.

TEXTILES ARTS AND CRAFTS 9
TEXTILES ARTS AND CRAFTS 10
No Prerequisite
Students will explore the many crafting methods such as needlework like embroidery, small sewing crafts, patchwork, quilting, and fabric creation like a stuffed animal. Several small projects and samples will be the focus of this course. If you like working with your hands, you will be sure to enjoy this course.

TEXTILES ARTS AND CRAFTS 11
TEXTILES ARTS AND CRAFTS 12
No Prerequisite
Students will explore a more in depth look at modern crafting and expand their understanding of crafting techniques such as using the sewing machine to create stuffed animals, knitting and fabric dyeing.

HUMAN ECOLOGY COURSE A
(Interpersonal & Family Relationships)
Human Ecology Course A is open to grade 11 and 12 students only. The focus of this course is on the well-being of the individual, the family and the community. The student will focus on issues concerning the adolescent and develop a better understanding of one's self and his/her relationship with others. Students interested in working with people in careers such as nursing, teaching, child-care or in issues associated with marriage and parenthood should find this course valuable.

This course will be offered in 2019-2020.
HUMAN ECOLOGY COURSE B
(Child Development & Caregiving)
Human Ecology Course B is open to grade 11 and 12 students only. Students will develop skills and knowledge necessary for effective life management. Students will explore families in society, child development and parenting, and the management of resources. They will be encouraged to use processes of decision-making and problem solving. Students interested in human services professions will find this course valuable.

This course will be offered in 2018-2019.

~LANGUAGES~

Students with prior knowledge of target language, and who have not studied the language formally before are required to meet with the respective teacher to discuss placement prior to entering the program for the first time.

~FRENCH~

FRENCH 8
The aim of this course is to build on the vocabulary already learned in elementary school. The vocabulary, especially verbs and their conjugations, is the key to give students the ability and confidence to speak in conversation and to write in sentences. The language includes themes that students might use daily: time, weather, school life, likes and dislikes, sports, music, food, shopping and Canadian folklore. Completion of this course or its equivalent is a prerequisite to French 9.

FRENCH 9
This course is a continuation of French 8. It enriches the vocabulary and builds upon grammar and language elements already learned. Verb conjugations are reinforced and tenses include more practice in the present, past and future. The thematic nature of the course again allows for speaking and writing about teen activities and interests. Completion of this course provides competence of the foundation skills needed for French 10.

FRENCH 10
This course continues the development of vocabulary, grammar, language elements and performance acquisition of French 9. Language usage is successively expanded to include additional past and future tenses. Students performance and communication tasks are further expanded though thematic units. The intent of this course is to provide necessary language skills appropriate to French study at a higher level of conversational and writing ability than that of French 9. Completion of French 10 or its equivalent is prerequisite to French 11.

FRENCH 11
Prerequisite: FR 10 or equivalent.
This course uses an integrated, multi-dimensional approach to second language learning that emphasizes communication. It continues developing the four main language skills: listening, speaking, reading and writing. Culture is also an integral component of the program.

FRENCH 12
Prerequisite: FR 11 or equivalent.
This course is a continuation of the work started at the Grade 11 level. Students will improve their written skills, while practising their communication skills. Students will also develop a deeper appreciation of the French language through the continued study of francophone culture and values.

~JAPANESE~

JAPANESE 9
This is an introductory course. Students will learn basic vocabulary and sentences. Some common particles will be introduced. The major focus will be on speaking and listening. Students will learn both Hiragana and Katakana syllabic alphabets. Japanese culture will also be introduced.
JAPANESE 10
This course is an extension of Japanese 9 where students will build upon and expand on what was learned in the first-year course. In addition to expanding their knowledge of vocabulary, grammar and situational Japanese, students will be introduced to approximately 50 Kanji (Chinese characters). This course will place equal emphasis on speaking, listening, reading and writing.

BEGINNERS JAPANESE 11
Beginners Japanese 11 is an intensive course that combines Japanese 9 and Japanese 10. This course is recommended for students who have a keen interest in learning Japanese but have been unable to take Japanese 9 and Japanese 10. Students must be prepared to study Japanese intensively. Please refer to the course description for Japanese 9 and Japanese 10 regarding the curriculum. Note: students are strongly advised to take Japanese 9 and Japanese 10 (rather than Beginning Japanese 11) whenever possible.

JAPANESE 11
Prerequisite: JA 10 or equivalent.
Students in this course will learn more abstract vocabulary and a wider range of longer and more complex sentences than in the earlier courses. Increasing emphasis will be placed on writing grammatical sentences and paragraphs for a variety of contexts. Students will also learn an additional 50 Kanji. Continuous speaking and listening practice will occur so that students will be able to carry on increasingly complex conversations.

JAPANESE 12
Prerequisite: JA 11 or equivalent.
Japanese 12 will enable students to carry on more complex conversations within their linguistic experiences and areas of interest. Emphasis will also be placed on improving students’ writing and reading skills, including knowledge of Kanji. In addition, preparation for the provincial exam will provide an important component of this course.

~MANDARIN~

MANDARIN 9
This is an introductory course that enables students to develop a desire to learn about and an appreciation of the Chinese culture, especially the Chinese language. Students will be introduced to the pinyin romanization for pronouncing the spoken form for daily conversation, some basic structure of written Chinese and a core vocabulary of 200 simplified Chinese characters, drawn from the text. Students will be expected to write simple sentences in simplified Chinese characters and pinyin in the past, present and future tenses.

MANDARIN 10
Prerequisite: MAN 9
This course is a continuation of MAN 9. Students will be expected to develop the ability to understand spoken language and to participate in conversations within the range determined by their linguistic experiences and areas of interest. An additional 200 selected simplified Chinese characters will be taught to help students learn some basic grammatical structure of written Chinese. The cultural components of this course should enable students to develop an understanding of the values, customs and other elements of Chinese culture. Students will be expected to write paragraphs in simplified Chinese characters and pinyin.

BEGINNERS MANDARIN 11
This is an introductory course that enables students to develop an appreciation of the Chinese language and culture. Students should be in Grade 10 or higher before attempting to take this course. The pace is fast in order to enable the students to learn the pinyin romanization for pronunciation, the spoken form to carry on simple conversations in daily situations. The students will also learn a core vocabulary of 400 simplified Chinese characters, drawn from the text. The cultural component of this course will help students to develop an understanding of the present-day customs and traditions of Chinese speaking people both in China and outside of China. Students will be expected to write simple sentences in simplified Chinese characters and pinyin in the past, present and future tenses.
MANDARIN 11
Prerequisite: MAN 10/8MAN 11
This course enables students to increase their ability to communicate effectively in Mandarin Chinese in order to take advantage of vocational and leisure opportunities. Students will be introduced to more complex dialogues, some grammatical patterns of oral and written Mandarin and an additional 300 simplified Chinese characters for reading and writing. They will be expected to write a simple essay consisting of these paragraphs in simplified Chinese characters and pinyin in the present and past tenses. The cultural component of this course will help students to develop an understanding of the values, customs and other elements of Chinese culture.

MANDARIN 12
Prerequisite: MAN 11
Mandarin 12 enhances students' ability to communicate, free from written and oral errors, within their linguistic experiences and areas of interest. Students will be expected to write an in-depth essay in simplified Chinese characters and pinyin in the past, present and future tenses. Idioms will also be introduced.

~SPANISH~

SPANISH 9
This course is an introduction to Spanish. Emphasis is on vocabulary building, sentence formation, listening abilities, reading and increasing students' confidence in speaking Spanish. In particular, present tense verbs are focused on. The course covers topics such as classroom items and vocabulary, foods and meals, leisure activities, and family and celebrations. The cultural component of this course will enable students to develop a greater understanding of the values, traditions and customs of the Hispanic world. Assessment will take many forms, including projects, journals, dictations, conversations, listening exercises and tests.

SPANISH 10
Prerequisite: SP 9
This course continues to build proficiency in four key areas: speaking ability, sentence formation, listening, and reading. The focus of this grade is on past-tense verbs, with continued reinforcement of the present tense. The course covers topics such as home and chores, shopping, vacations, the community and the media and technology. The examination of Spanish culture is continued with various topics including women in the Hispanic world. Assessment will take many forms, including projects, journals, dictations, conversations, listening exercises and tests.

BEGINNERS SPANISH 11
This course is for students in grades 10, 11, and 12 with no previous Spanish course work. This is an accelerated introductory program that covers the Spanish 9 and 10 curriculum in one semester. Upon completion students, if they choose, will have the basics necessary to continue with grade 11 Spanish.

SPANISH 11
Prerequisite: SP 10 or BSP 11
The aim of Spanish 11 is to have students further develop their language skills in each of the four areas: speaking, listening, writing and reading. In addition to the text, supplementary materials such as videos, articles, and audio podcasts are used. Range of topics and themes will be covered including student life, daily routines, running errands in the city, describing childhood and emergencies. Various cultural topics are examined. Assessment will take many forms, including projects, journals, dictations, conversations, listening exercises and tests.

SPANISH 12
Prerequisite: SP 11
This is an advanced course in the study of Spanish language and culture. Students will continue to extend their vocabulary, grammar and writing, listening and spoken skills. It is recommended that students have a minimum 67% grade in Spanish 11, due to this course's advance and accelerated nature. Topics covered will include TV, movies and sporting events in the media, cooking and camping, travel and tourist activities such as booking holidays and hotels, the environment and global issues. Various cultural topics are examined. Assessment will take many forms, including projects, journals, dictations, conversations, listening exercises and tests.
Students may take more than one pathway if there are mathematical topics which interest them or they are not sure about future career choices.

What are the Pathways?

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

**Foundations of Mathematics**
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. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and function, statistics and probability.

**Pre-Calculus**
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. Topics include algebra and numbers, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem.
GOALS OF PATHWAY: When choosing a pathway, students could consider their interests, both current and future. Students, parents and educators are encouraged to research the admission requirement for post-secondary programs of study as they vary by institution and by year.

Design of Pathways
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.

MATHEMATICS 8
The purpose of Math 8 is to expose students to many new aspects of the subject while reviewing and improving their arithmetic skills with respect to whole numbers, decimals, fractions, percentages and related word problems. New and challenging work will be offered in the areas of problem solving, integers and geometry.

MATHEMATICS 8 INCENTIVE
A student wishing to be selected for this course must demonstrate exceptional ability in Math and be recommended by his/her previous Math teacher. This course is designed for those students who are able to perform basic arithmetic calculations quickly and correctly and have the desire to do more challenging work. The topics covered will be the same as those in the standard Math 8 course but a greater emphasis will be placed on the development of higher order thinking skills.

MATHEMATICS 9
Prerequisite: MA 8 or MA 8 IN
This course includes an introduction to basic algebra operations, factoring variable expressions, solving open sentences and related word problems as well as a review of basic arithmetic operations the order of operations, probability, statistics and geometry.

MATHEMATICS 9 ADAPTED
A student wishing to be selected for, or requesting, this course must satisfy a number of curricular requirements, and be recommended by their Mathematics 8 teacher. The course is intended for students who found Mathematics 8 extremely difficult. Emphasis will be placed on improving students’ basic arithmetic skills while still addressing the same curricular content as Mathematics 9; however, the course will run at a slower pace with the intention of building a stronger understanding of foundational skills. It is possible that students can be recommended to take Mathematics Foundations and Pre-Calculus 10 upon completion of this course; however, most students will be preparing for Workplace Mathematics 10.

MATHEMATICS 9 INCENTIVE
Prerequisite: MA 8 or MA 8 IN
A student wishing to be selected for this course must demonstrate exceptional ability in Math and be recommended by his/her previous Math teacher. This course is designed for students with outstanding mathematical ability who enjoy the challenge of solving more difficult types of problems. While the topics covered in this course are generally the same as those in the standard Math 9 course, every effort will be made to provide the students with opportunities to improve their higher order thinking skills.

FOUNDATIONS & PRE-CALCULUS MATHEMATICS 10
Prerequisite: MA 9 (minimal C standing)
This course is designed for students who are planning to carry on in either the Foundations pathway or the Pre-Calculus pathway in Grade 11. This is a challenging course that builds on the topics covered in Math 9, while also introducing new topics in algebra, measurement, and functions. This course will provide the students with mathematical and problem-solving skills necessary to carry on in either Foundations or the Pre-Calculus pathway.

PRE-CALCULUS MATHEMATICS 10 INCENTIVE
Prerequisite: MA 9 Incentive or MA 9 with teacher recommendation
A student wishing to be selected for this course must have excellent work habits. This course is designed for students demonstrating exceptional ability in Math and planning to carry on in the Pre-Calculus Math stream. This course will provide students with the opportunity to study Math 10 curriculum topics in greater depth with a major emphasis on problem solving. Topics outside the Math 10 curriculum will also be introduced to further prepare the student to follow the Pre-Calculus stream into post-secondary.
WORKPLACE MATHEMATICS 10  
Prerequisite Math 9 or Math 9 Adapted  
This course is designed for students who have had difficulty in Math 9 and are planning to go into the trades or directly into the work force and will therefore take Apprenticeship and Workplace Math 11 upon successful completion of this course. While there is a wide range of topics covered in this course such as measurement, geometry, money, and problem solving, they will be of a practical nature.

PRE-CALCULUS 11  
Recommended: B or higher in Foundations & Pre-Calculus Math 10  
This course is designed for students who are planning to continue their education at a post-secondary institution requiring the study of theoretical calculus. This course will contain topics such as algebra, relations and functions, series and sequences, and trigonometry. Students may take this course along with Foundation of Mathematics 11 for a well-rounded math education preparing them for Foundations of Mathematics 12 or Pre-Calculus 12.

PRE-CALCULUS 11 INCENTIVE  
Prerequisite: Foundations & Pre-Calculus Math 10 or Foundations & Pre-Calculus Incentive 10  
Students wishing to be selected for this course must demonstrate exceptional ability in Math and be recommended by his/her previous Math teacher. The enriched format of this course is designed to provide highly motivated students with more challenging material. Pre-Calculus 11 course work will be covered in a shorter period of time. In addition, students will be introduced to material from the Pre-Calculus 12 course in preparation for the Pre-Calculus 12 Incentive Course.

FOUNDATIONS OF MATHEMATICS 11  
Prerequisite: Foundations & Pre-Calculus 10  
This course is designed to provide mathematical understanding and critical-thinking skills identified for post-secondary programs that do not require the study of theoretical calculus. This course will contain topics such as proportional reasoning, systems of linear inequalities, quadratics, statistics, geometry and logic. Foundation of Mathematics 11 is a complementary course to Pre-Calculus 11.

APPRENTICESHIP & WORKPLACE MATHEMATICS 11  
Prerequisite: Foundations & Pre-Calculus Math 10 or Workplace Math 10  
This course is designed for students who have passed Apprentice and Workplace Math 10. Students taking this course are planning to go into the trades or directly into the work force. A wide range of topics will be covered in this course such as measurement, geometry, statistics, algebra, and problem solving with a practical nature.

PRE-CALCULUS 12  
Recommended: C+ or higher in Pre-Calculus 11  
This course is designed for those students planning to attend post-secondary university or college in the faculties of Sciences, Engineering, or Commerce. A high mark in this course is essential for those students wanting to enrol in Calculus.

FOUNDATIONS OF MATHEMATICS 12  
Prerequisite: C+ or higher in Foundations of Mathematics 11  
This course is designed for students who have completed Foundations of Mathematics 11 and would like to improve their math skills before entering college. Topics include investing and borrowing money, set theory and logic, counting methods, and relations and functions.

CALCULUS 12 ADVANCED PLACEMENT  
Recommended: C+ or higher in Pre-Calculus 12  
This course is designed for those students who have successfully completed Pre-Calculus 12 at Burnett or with teacher recommendation, and are intending to study Calculus at the college or university level. All students intending to take mathematics, science, engineering or commerce at the university level should consider this course. Topics include: differential calculus, the slope of a curve, integral calculus, and the area under a curve. Advanced credit may be obtained by taking the Advanced Placement exam OR the Universities of BC Challenge exam. If you did not take your Pre-Calculus 12 course first semester at Burnett, you must have a teacher recommendation to take this course. Please see your math teacher for more details.
CALCULUS 12 ADVANCED PLACEMENT FIRST SEMESTER
Recommended: C+ or higher in Pre-Calculus 12
This course is designed for those students who have successfully completed Pre-Calculus 12 at Burnett. If you have taken the Pre-Calculus 12 course elsewhere, you must have a Burnett Math teacher’s recommendation to take this course first semester.

~MUSIC~

INSTRUMENTAL MUSIC 8: BEGINNERS CONCERT BAND
INSTRUMENTAL MUSIC 9: BEGINNERS CONCERT BAND
INSTRUMENTAL MUSIC 10: BEGINNERS CONCERT BAND
No previous band experience is necessary.
Also, no decision as to the type of instrument is needed at this time. It is a fun course for all. Students may enrol in concert band after completing this course.

INSTRUMENTAL MUSIC 8: CONCERT BAND
One year of band experience is required, or by teacher permission.
For course description see Concert Band below.

INSTRUMENTAL MUSIC 9: CONCERT BAND
INSTRUMENTAL MUSIC 10: CONCERT BAND
INSTRUMENTAL MUSIC 11: CONCERT BAND
INSTRUMENTAL MUSIC 12: CONCERT BAND
Prerequisite: Previous grade level of concert band or teacher permission.
These music courses build on the elementary band program. Students are expected to have had previous experience on a band instrument and will be expected to develop a reasonable level of competence. Specific instrumental techniques will be extended and applied to performance of a large variety of music. Home practice and attendance at rehearsals and performances are essential. Concert Band is a linear course that is run early morning (alternating two mornings one week and three mornings the next).

INSTRUMENTAL MUSIC 9: JAZZ BAND
INSTRUMENTAL MUSIC 10: JAZZ BAND
This is a jazz studies course. Students should have reasonable skills on one of the following instruments: saxophone, trumpet, trombone, piano, guitar, bass or drums.

INSTRUMENTAL MUSIC 11: JAZZ BAND
INSTRUMENTAL MUSIC 12: JAZZ BAND
Prerequisite: JBA 9/JBA 10 or equivalent.
This is a jazz band course open to Grade 11 and 12 students who are able to perform at a reasonable level on one of the following instruments: saxophone, trumpet, trombone, piano, guitar, bass or drums. Many selections in the area of rock, Latin, jazz, ballads and blues are read and selected to be performed. Students are encouraged to improve improvisational abilities, listen to recordings and attend concerts. Reading of challenging musical material enables the student to progress quickly. Home practice and attendance at rehearsals and performances are essential.

CHORAL MUSIC 8: CONCERT CHOIR
CHORAL MUSIC 9: CONCERT CHOIR
CHORAL MUSIC 10: CONCERT CHOIR
CHORAL MUSIC 11: CONCERT CHOIR
CHORAL MUSIC 12: CONCERT CHOIR
Previous music training is not essential, as skills including singing, breath control and note reading will be developed. Many styles of music are sung, including popular, classical/folk, rock, Broadway and jazz. There is an opportunity to form small groups, do solos, attend concerts, participate in festivals and concerts.
INSTRUMENTAL MUSIC 8: GUITAR
INSTRUMENTAL MUSIC 9: GUITAR
INSTRUMENTAL MUSIC 10: GUITAR
This introductory guitar course is for students with little or no experience on guitar. Course content includes guitar structure, stringing and tuning the guitar, basic open string chords, note reading and strumming techniques. Upon successful completion of the basic guitar book, the student may pursue the style desired, such as jazz, folk, blues, rock or classical. Students progress at their own rate and will be encouraged to develop self-discipline and self-motivation in class. Students are required to provide their own guitar.

INSTRUMENTAL MUSIC 11: GUITAR
INSTRUMENTAL MUSIC 12: GUITAR
Prerequisite: GU 8, GU 9 or by teacher permission.
This is an advanced guitar course where skills developed in the introductory course will be further developed. Be explored including jazz, folk, blues, rock and classical. Students progress at their own rate and will be encouraged to develop self-discipline and self-motivation in class. Students are required to provide their own guitar.

MUSIC: COMPOSITION 10
MUSIC: COMPOSITION 11
MUSIC: COMPOSITION 12
By teacher permission.
Music is increasingly important in our lives. Music enhances our computer programs, video games, television and movies. By learning to compose music, the students will learn to express themselves, improve their thinking skills and develop other skills that could lead them to greater opportunities in the future workforce. In these courses, students will progressively develop their abilities to compose music. Theory, orchestration, arranging, music history and appreciation as they apply to the art of composing, will make up part of the curriculum.

~PHYSICAL EDUCATION~

PHYSICAL AND HEALTH EDUCATION 8
PHYSICAL AND HEALTH EDUCATION 9
PHYSICAL AND HEALTH EDUCATION 10
The physical education program will review and refine in a progressive manner the basic movement skills developed through the elementary physical education program. This course will expose students to broad and diversified physical activities. The emphasis on the development of recreationally oriented activities and lifetime sports increases from Grade 8 to 12. The course content is divided into four major activity categories that were selected to provide a balance between the more traditional approach to physical education and the emerging emphasis on leisure-oriented physical activities. These four activity categories are: games, individual and dual activities, dance and alternative environment activities. The aim of the Burnett Physical Education program is to provide students with the awareness, knowledge, understanding, attitudes, abilities and skills required to consciously maintain physical health throughout life. All students will also participate in the Burnett running program, as well as weekly fitness assessments.

PE 10 INCENTIVE
This leadership course is designed for students with a special interest in the areas of sport, outdoor activities and recreation. The course has been designed to incorporate a wider variety of sport skills as well as a higher level of leadership and participation than that expected in the regular P.E. program. Students must apply for this course, and candidates will be selected based on their PE performance in Grade 9, leadership skills, attitude and behaviours. This course is enriched with optional field trips that have associated costs.

POWERFIT 10 - TRAINING AND CONDITIONING I
POWERFIT 11 - TRAINING AND CONDITIONING I
POWERFIT 12 - TRAINING AND CONDITIONING I
No prerequisite for this course.
This fitness-based course focuses on achieving personal fitness goals in a fun and comfortable atmosphere. Individuals will develop the knowledge and the skills necessary to be their own personal trainer. The program emphasizes cardio activities and weight training. This course is enriched with optional field trips/guest instructor that have associated costs.
POWERFIT 11 - TRAINING AND CONDITIONING II
POWERFIT 12 - TRAINING AND CONDITIONING II
Prerequisite: Powerfit Level I
This course is an extension of the principles developed in Powerfit Level I. The program will emphasize student-directed learning requiring students to apply their previous learned knowledge and skills while creating their own personal fitness program. Activities and class structure will be similar to Powerfit Level I. This course is enriched with optional field trips/guest instructor that have associated costs.

GIRLFIT 10 (LEVEL 1) – FITNESS AND CONDITIONING
GIRLFIT 11 (LEVEL 1) – FITNESS AND CONDITIONING
GIRLFIT 12 (LEVEL 1) – FITNESS AND CONDITIONING
No prerequisite for this course
This fitness-based course will cater exclusively to helping girls achieve individual fitness goals in a fun, comfortable environment. Specific training designed for girls will provide the knowledge, skills and attitudes which can lead to a healthy lifestyle both at school and after graduation. Fitness activities will include yoga, boot camps, aerobics, pilates, circuit training and walk-run programs. Girls learn to design female-specific fitness and nutrition plans that will be followed during class. This course is enriched with optional field trips/guest instructor that have associated costs.

GIRLFIT 11 (LEVEL 2) - FITNESS AND CONDITIONING
GIRLFIT 12 (LEVEL 2) - FITNESS AND CONDITIONING
Prerequisite: Girfit Level 1
This course is an extension of the principles developed in Girfit Level 1. The program will emphasize student-directed learning requiring students to apply their previous learned knowledge and skills while creating their own personal fitness program. Activities and class structure will be similar to Girfit Level 1. This course is enriched with optional field trips/guest instructor that have associated costs.

COMMUNITY RECREATION 11
Prerequisite: PE 10/ PE 10 INC.
Designed to enrich the development of PE 8-10, this course will emphasize participation to encourage a life-long commitment to daily physical activity. Activities will come from categories such as: games, individual and dual activities, fitness and outdoor activities. A strong emphasis will be placed on participation and effort. Students will have opportunities to enrich the course through optional field trips that have associated costs.

COMMUNITY RECREATION 12
This course is an extension of the principles developed in Community Recreation 11. Activities will be chosen from: individual and dual sports, minor games, outdoor activities and fitness. This course is enriched with optional field trips that have associated costs.

~SCIENCE~

SCIENCE 8
The emphasis in Science 8 is on the development of students’ scientific skills, processes, knowledge, thinking abilities and a positive attitude towards the various fields in science. Students learn science through a variety of activities and in many instances, through examining science as it applies to everyday life. Topics covered include: science skills and processes, life science (cells and immune system), physical science (atomic theory and properties of light), and earth and space science (geology).

SCIENCE 8 INCENTIVE
Enrolment in Incentive Science is limited and candidates must demonstrate a willingness and an ability to meet the rigours of the course before being accepted. This course is offered to those students who do well in science (A or B letter grade in previous courses) and who wish enrichment and challenge in their course material. The topics covered are the same as in the Science 8 curriculum and intended to elicit higher level skills. Students should be prepared to spend extra time outside of classroom hours working on Science enrichment projects and activities.
SCIENCE 9
Prerequisite: SC 8. The emphasis in Science 9 is on the development of students' scientific attitudes, skills, processes, knowledge and thinking abilities and a positive attitude towards the various fields in science. Students learn science through a variety of activities and in many instances, through examining science as it applies to everyday life. Topics covered include: processes and skills of science, life science (reproduction), physical science (atoms), elements, compounds, and characteristics of electricity, earth and space science (cycles of matter).

SCIENCE 9 INCENTIVE
Prerequisite: SC 8 or SC 8 IN, and selection process. Enrolment in Incentive Science is limited and candidates must demonstrate a willingness and an ability to meet the rigours of the course before being accepted. This course is offered to those students who do well in science (A or B letter grade in previous courses) and who wish enrichment and challenge in their course material. The topics covered are the same as in the Science 9 curriculum and intended to elicit higher level skills. Students should be prepared to spend extra time outside of classroom hours working on Science enrichment projects and activities.

SCIENCE 10
Prerequisite: SC 9. The emphasis in Science 10 is on the continued development of students' scientific skills, processes, knowledge, thinking abilities and a positive attitude towards the various fields in science. Students learn science through a variety of activities and, in many instances, through examining science as it applied to everyday life. Topics covered include: science skills and processes, life science (genetics), physical science (chemical reactions and energy transformation) and earth and space science (formation of the universe).

SCIENCE 10 INCENTIVE
Prerequisite: SC 9 or SC 9 IN, and selection process. Enrolment in Incentive Science is limited and candidates must demonstrate a willingness and an ability to meet the rigours of the course before being accepted. This course is offered to those students who do well in science (A or B letter grade in previous courses) and who wish enrichment and challenge in their course material. The topics covered are the same as in the Science 10 curriculum and intended to elicit higher level skills. Student should be prepared to spend extra time outside of classroom hours working on Science enrichment projects and activities.

SCIENCE FOR CITIZENS
Prerequisite: SC 10 (SCT 10)
Science for Citizens is a Science course that requires less mathematical preparation than many of the other science courses, but nevertheless requires a strong commitment from the student. The three big ideas are:

1. Science informs our decisions and impacts our daily lives.
2. Science has everyday uses and safety implications in the workplace.
3. Science helps explain how natural changes and human choices affect global systems.

N.B. This course, upon successful completion, fulfills the science requirement for secondary school graduation; however, it does not qualify as a science Prerequisite for many university programs. Students who wish to take this course should ensure that they will meet the requirements of any post-secondary programs they are considering.

LIFE SCIENCE 11 (Previously BIOLOGY 11)
Prerequisite: Science 10 (C+ recommended)
Life Science 11 is an introductory course in biology designed to give students an appreciation for the diversity and interconnectedness of the living world. The three big ideas are:

1. Characteristics of Living Things – All living things have common characteristics.
3. Taxonomy – Organisms are grouped on the basis of identifiable similarities. We will examine the characteristics of the six kingdoms of life (Arachaea, Bacteria, Protista, Plantae, Fungi and Animalia.)

We will do various hands-on experiments and activities to develop and practice new skills and techniques. Students may choose alternatives to dissection labs.

ANATOMY AND PHYSIOLOGY (Previously BIOLOGY 12)
Prerequisite: Life Sciences 11 (C+ recommended) or Chemistry 11 (C+ recommended).
Anatomy and Physiology 12 is an academic course for students who are planning to continue their education in a post-secondary institution. The course is demanding, and requires a strong background in biology and chemistry. The three big ideas are:

1. Homeostasis – The body strives to maintain homeostasis.
2. DNA and Cells – All living things are made of cells, which contain DNA and cell structures that allow cells to survive and reproduce. We will examine the cell, how things enter and exit the cell, DNA and how DNA helps control protein synthesis.
3. Organization – Organ systems have complex interrelationships to maintain homeostasis. We will examine the anatomy and physiology of the digestive, nervous, circulatory, respiratory, excretory and reproductive body systems. We will do various hands-on experiments and activities to develop and practice new skills and techniques. Students may choose alternatives to dissection labs.

CHEMISTRY 11
Prerequisite: SC 10 (C+ recommended) and Foundations and Pre-Calculus of Math 10 (C+ recommended). A scientific calculator is required.
Chemistry is the science that deals with the properties and reactions of matter. Chemistry 11 emphasizes laboratory experimentation and the analysis of data to verify scientific principles introduced in class. Skills you will need: You must be able to balance chemical reactions and write formulas for ionic and covalent compounds. Core topics: organic chemistry, atomic structure, periodic trends, covalent bonding and forces of attraction, chemical reactions, moles, stoichiometry and solutions.

CHEMISTRY 12
Prerequisite: CH 11 (C+ is recommended) and MA 11 (C+ is Recommended).
Chemistry 12 requires a thorough understanding of the concepts of Chemistry 11 to investigate the different aspects of chemical reactions. Core topics covered include the rates of chemical reactions; the equilibrium involved with chemical reactions; acid-base reactions; oxidation-reduction chemistry; and solubility of ionic substances. Laboratory work will include qualitative and quantitative analysis to supplement the concepts introduced in lecture presentations.

CHEMISTRY 12 ADVANCED PLACEMENT
Admission to APChem 12 will be by teacher permission. Chemistry 12 and Math 12 should be taken concurrently with CH 12 AP. Chemistry 12 Advanced Placement is an academic course for highly motivated students who are planning to continue their education in Science/Pre-Med and Engineering Programs at a post-secondary institute. The Advanced Placement Chemistry 12 course is designed to be the equivalent of a university/college introductory Chemistry course usually taken by Science majors during their first year. Successful completion of this course will prepare students to write The College Board Advanced Placement examination in Chemistry if they choose, students may earn first semester university credits upon successful completion of exam.
Note: Students may choose not to write the AP Exam.

PHYSICS 11
Prerequisite: Science 10
This course the equivalent to an introductory algebra and trigonometry-based physics course and allows students to develop an understanding of the nature and scope of the physical world through inquiry and problem-solving. The major topics covered include: classical Newtonian mechanics, energy and momentum, waves and optics, nuclear physics and special relativity. Laboratory work will include qualitative and quantitative analysis to supplement concepts introduced in lectures. Together with other senior science courses, the main goal of Physics 11 is to generate interest in sciences as well as provide the necessary background needed for future studies.

PHYSICS 12
Prerequisite: Physics 11
This algebra and trigonometry-based physics course is an extension of Physics 11, taking the topics to greater depth and more detailed study of physics concepts and ideas. Through inquiry based laboratory work and discussions, students will develop analytical, experimental and problem-solving skills and techniques. The major concepts of this course include: classical Newtonian mechanics, circular motion, gravitation, momentum, energy, electrostatics, electric circuits and electromagnetism. This course will enable students to gain an appreciation for sciences to provide the necessary background knowledge and competence required to continue on to post-secondary studies.

AP PHYSICS 1
Prerequisite: Physics 11
The course is the equivalent to a first-semester university/college course in algebra and trigonometry-based physics that will give students a distinct advantage in post-secondary Science, Pre-medical and Engineering programs. It is a dual credit course with four credits for Physics 12, four credits for AP Physics 1 and possible university credits for 100-level Physics. This advanced placement course enables students to develop deep understanding of the content and focus on applying their knowledge through inquiry based laboratory work and discussions. The following topics are covered: Newtonian mechanics, momentum, energy, waves, electrostatics, electric circuits and electromagnetism. The course covers Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; introduction to electrical circuits. The course is aligned with the College Board guidelines for AP Physics 1 with inclusion of the content of Physics 12 specified by British Columbia Ministry of Education. In order
to receive dual credits, students must attend additional tutorial sessions outside of the timetable. After successful completion of the course, in addition to 8 (eight) grade 12 credits, students will receive two marks: Physics 12 and AP Physics 1 course. Students may earn university credits for first year Physics course. For information, check with the post-secondary institutions, the AP website, school counsellors or carrier advisor. Note: Students are not required to write AP Physics 1 exam.

**AP PHYSICS 2**
Prerequisite: Physics 12 or AP Physics 1
This course is the equivalent to a second-semester university course in algebra and trigonometry-based physics that will give students a district advantage in post-secondary Science, Pre-medical and Engineering programs. This advanced placement course enables students to develop critical thinking skills and to focus on applying their knowledge through inquiry-based learning. The laboratory portion of the course includes experiments designed to supplement the theory covered in class. The following topics are covered: fluid mechanics, thermodynamics, electrodynamics, electromagnetism, optics, quantum, atomic and nuclear physics. This course gives students four credits for AP Physics 2, possible university credits for 100-level Physics or entry to second year university courses. Students are encouraged to check with post-secondary institutions, the AP website, school counsellors or carrier advisor for more information. Note: Students may choose not to write the AP Exam.

~SOCIAL STUDIES~

**SOCIAL STUDIES 8** is offered as a double block with English 8. For a description of this course, please refer to "Humanities 8" in the English section.

**SOCIAL STUDIES 9**
Students will study the history of North America up to 1815. The development of democratic concepts and the impact of industrialization on society will also be examined in the context of 18th and 19th century Europe.

**SOCIAL STUDIES 9 INCENTIVE**
The course will involve teaching and learning styles which enhance a student's abilities to read extensively, think critically, speak and write fluently, use research resources effectively and work independently. Course work will adhere to the curriculum but the program will be enriched for the students selected to the incentive class.

**SOCIAL STUDIES 10**
Social Studies 10 is concerned with the study of 19th century Canadian history and 20th century Canadian economic activity. The history section of the course examines political changes leading to Confederation and explores the development of the Canadian West to 1914. Canada's economic activities and our relationships with the United States and the Pacific Rim will be examined in the second part of the course. British Columbia's major industries will also be studied.

**SOCIAL STUDIES 10 INCENTIVE**
The course will involve teaching and learning styles which enhance a student's abilities to read extensively, think critically, speak and write fluently, use research resources effectively and work independently. Course work will adhere to the curriculum but the program will be enriched for the students selected to the incentive class.

**SOCIAL STUDIES 11**
This course is composed of three topic areas: history, geography and government. In the history section, students will study Canada in the 20th century, covering such topics as World War I, the Depression, and World War II. The geography component considers issues such as world population, standard of living and urbanization. The study of government will include types of political systems, the three branches of government, political parties and Canada's constitution.

**SOCIAL STUDIES 11 INCENTIVE**
The course will involve teaching and learning styles which enhance a student's abilities to read extensively, think critically, speak and write fluently, use research resources effectively and work independently. Course work will adhere to the curriculum but the program will be enriched for the students selected to the incentive class.
CIVIC STUDIES 11
This course is a graduation alternative to Social Studies 11. Similar to SS 11, it covers 20th century history, government, the environment, international relations and current events, with a unique focus on civic action. It emphasizes the debate and discussions of issues covered in class as well as hands-on projects involving your active participation in the community.

GEOGRAPHY 12
This course is presented in two concurrent parts: "Systematic Geography" and "Humans and their Environment". The former focuses on physical geography, which includes tectonics, earth’s history, earthquakes, volcanoes, continental drift, and forces of denudation. It is also an investigative study of climates, landforms, vegetation and their effects on humans. The latter deals with the complex and often problematic interrelationship between humans and their environment, as well as the environments created or modified by human activity. To this effect, opportunities are provided to investigate some current environmental problems in British Columbia and around the world.

HISTORY 12
History 12 examines the major historical events of the twentieth century. Topics include the Russian Revolution, the rise of Hitler, World War II, the Cold War and the collapse of the Soviet Union. Themes such as social change, technological progress and the spread of mass ideology will be used to develop a historical perspective on the century. As there is a considerable reading load in this course and as students are frequently expected to participate orally, fluency in English is essential.

SOCIAL JUSTICE 12
The aim of Social Justice 12 is to raise students' awareness of social injustice, to enable them to analyse situations from a social justice perspective, and to provide them with knowledge, skills, and ethical framework to advocate for a socially just world. Topics addressed will include:
• social injustice based on specific characteristics (e.g. age, ethnicity, religion, sex, sexual orientation)
• the causes and consequences of social injustice
• the provisions of human right legislation
• role of government and public policy in promoting or failing to promote social justice
• social justice related to globalization
• role models (individuals who fought for justice).
~ SPECIALTY PROGRAMS ~

LEADERSHIP 11
LEADERSHIP 12
This is a locally developed course intended to assist students in developing leadership skills and strategies, and will include a variety of related topics. Students will have opportunities to test skills learned in the classroom in some "real life" situations. The course will be based on a great deal of classroom interaction and a cooperative learning environment. Students will also develop some topics and projects of interest to them. This course may be open to Grades 9 and 10 students by teacher permission.

NOTE: This course will be offered as a course in the regular timetable, or as a linear course (September - June) through Richmond Virtual School (on-line). Students who are taking it on-line will be required to meet once or twice a week either early morning or after school.

HEALTH SCIENCE 11/12
Health Science 11/12 is an exciting and innovative course for students interested in medicine, nursing, dentistry, health and wellness, or sports related occupations such as physiotherapy. The main components of Health Science 11/12 include Human Anatomy and Physiology, Injury Prevention and Rehabilitation, Nutrition, Exercise Management, Contemporary Issues in Health, and First Aid and C.P.R. This course will include lots of practical experiences, as well as many guest speakers. This course may be taken by grades 11 and 12 students.
N.B. This is a locally developed elective course and does not fulfill the science requirement for secondary school graduation.

PSYCHOLOGY 12
This course will provide students with the opportunity to study and investigate individual identity, personality, human development, gender roles, stereotyping, research methods in psychology, sensation and perception, theories and stages of human development and an understanding of interpersonal relationships. Topics will include sibling rivalry, love, parent-child relations, stress, adolescent development, lying, emotions, test-taking strategies and adjusting to post-secondary life among other topics.

LAW 12
Recommended but not required: SS 11
This course is designed to give the student an understanding of how law affects daily life. The course would be of interest to not only the student thinking of a career in the field of Law but also for the student wanting general knowledge of what their rights and obligations are within Canada (eg. under what circumstances one can sue another). Some of the topics covered include Canada's legal system, criminal law, family law and tort law. This course will include visits to the criminal courts in downtown Vancouver, mock trials held at the Richmond Law courts and guest speakers such as judges, lawyers, police officers, parolees and parole officers.

PEER TUTORING 11
PEER TUTORING 12
This course will appeal to students with an interest in and an aptitude for a particular subject area, combined with an interest in helping others. Students will be placed in a classroom according to their specific interests, in conjunction with the needs of teachers. In addition to practical classroom experience in a tutoring role, students will be required to complete some reflective assignments regarding classroom life, the learning process, and communicating with others. Peer Tutors will meet as a group on a bi-weekly basis with the program sponsor as the semester progresses.

NOTE: The course will be offered as a Richmond Virtual School course (on-line). Students will be required to meet once or twice a week, either early morning or after school. Enrolment is limited.
YEARBOOK JOURNALISM 9/10
YEARBOOK JOURNALISM 11
YEARBOOK JOURNALISM 12

Students will develop a yearbook theme, and then learn to plan and publish the finished product. Emphasis is placed on developing skills in layout and design, graphics, and the use of Josten’s Yearbook Avenue, GIMP and/or Adobe Photoshop. Students develop abilities in gathering information, writing copy and captions, understanding components of quality photography, copy editing skills, and techniques of headlines. This course will also require students to take photos that will be used in the yearbook. They are instructed in the use of cameras and encouraged to experiment with different techniques. The class is responsible for all aspects of the production of the yearbook.

NOTE: The course will be offered as an off-timetable course. Students will be required to meet once or twice a week, either early morning or after school.

RECREATIONAL LEADERSHIP 10, 11 & 12
Prerequisite: Teacher Permission

This course is designed to provide students with an opportunity to enhance their leadership and organizational skills while working within the school/community. Students will explore leadership skills and strategies in a collaborative setting where they will be given practical opportunities to explore, develop, apply and enhance these skills. Students will be eligible to gain certification in one or more areas of coaching, officiating and athletic training which will prepare them to potentially assume roles as sport coaches, sport officials and athletic trainers for school/community teams and/or events. As well, students will be encouraged to participate in and act as one or more of the following: tournaments coordinators, intramural coordinators, sport official coordinators and/or team managers.

Students interested in enrolling in this course will be required to complete 110 hours of the Recreational Leadership course activities within and outside the school timetable. As well, they will be encouraged to be self-directed, self-motivated and show personal responsibility in all of their actions.

NOTE: The linear course will be offered outside the timetable (Meetings will occur every second day at lunchtime or afterschool).

WORK EXPERIENCE

Students may choose a work experience placement from a wide variety of occupational fields based on their career goals. To receive course credit, students must complete at least 90 hours of on-the-job work experience. Students must also be under the supervision of a teacher in addition to an employer who has agreed to work with the school in providing a realistic work experience. WEX 12A includes the required workplace safety training a student must complete prior to the actual work experience placement.

Work Experience hours also enable students to fulfil Graduation requirements for 30 hours of work or volunteer experience.
TECHNOLOGY EDUCATION 8
This is a compulsory Grade 8 course. Students will cycle through the wood, metal, electronics and computer/CADD rooms to increase student's hands-on motor skills with fun projects, introduce them to problem solving and assist students in choosing future technology education courses.

ENGINEERING DRAFTING & DESIGN LEVEL I
Open to students in Grades 9 to 12
The intent of this course is to introduce students to the basic skills used by engineers, architects and construction workers. The course consists of sketching, orthographic drawing techniques, problem-solving projects (e.g. Catapult Acorn Launcher) and the use of AutoCAD 2018 and Inventor 2018. Students will also be taught the basic computer techniques used in a large engineering office.

ENGINEERING DRAFTING & DESIGN LEVEL II
Open to students in Grades 10 to 12
Prerequisite: Engineering Drafting and Design Level I
Students will be taught Architectural and Mechanical Design principles and techniques through hands on projects and AutoDesk programs such as AutoCad 2018, Revit and Inventor 2018.

The Drafting and Design Architectural unit will consist of designing and modelling their own house from the ground up. They will start by choosing a lot from a subdivision site plan, design a house and build a scale model.

The Drafting and Design Mechanical Unit will consist of designing a 3D model with Autodesk and prototyping devices to solve modern problems. The students will choose a relevant object to design, problem solve, prototype their solution, evaluate the prototype and create working drawings on Inventor 2018 or AutoCAD 2018. 3D printers will be used to create the prototype.

ENGINEERING DRAFTING AND DESIGN LEVEL III
Open to students in Grades 10 to 12
Prerequisite: Engineering Drafting and Design Level II
This course will be a continuation of Architectural or Mechanical design. Students will be able to further their abilities by exploring other areas of Architecture or Mechanical Design. Architectural students may want to explore interior design, complete construction drawings or 3D models in AutoCAD. Mechanical students may want to become more proficient with 3D design software such as Inventor 2018, AutoCAD 2018, Revit 2018 or focus more on the design aspect and 3D printing.

ENGINEERING DRAFTING AND DESIGN LEVEL IV
Open to students in Grades 10 to 12
This is an advanced course in Drafting and Design where student’s work on individually directed projects.

ANIMATION TECHNOLOGY LEVEL I
Open to students in Grades 9 to 12
Animation Level 1 is offered as an opportunity for students to explore the exploding field of classical and computer generated animation. Students will start by modelling their bedroom three-dimensionally with lights and materials making it look as close to real as possible. Animation techniques such as materials editing, animation and video production will be explored using the 3D Studio Max 2018. Computer or drawing skills are not necessary—imagination is.

ANIMATION TECHNOLOGY LEVEL II
Open to students in Grades 10 to 12
Prerequisite: Animation Level I.
This is a continuation of Animation Level I. In this course students will use 3D Studio Max to create realistic scenes with lighting, materials and cameras. They will also create their own characters and animate walk sequences. In the second half of the term students will be encouraged to focus on their strengths whether it be character animation, modelling of objects or cameras and material production.
ANIMATION TECHNOLOGY LEVEL III
Open to students in Grades 10 to 12
Prerequisite: Animation Level II.
At this level students will focus on their strengths. Projects will focus on a production system. The students will plan and complete projects of their own choice. They may work as individuals or in production groups to create scenes and animations.

ANIMATION TECHNOLOGY LEVEL IV
Open to students in Grades 10 to 12
This is an advanced course in Animation where students work on individually directed projects.

SKILLS EXPLORATION 10, 11, OR 12
Open to students in Grades 10 to 12
This is a new engaging program in which students use hands-on learning to acquire skills and knowledge related to the construction trades and the manufacturing sector. This course will consist of 3 modules: house design and construction (framing, drywall, roof, etc), house plumbing and house electrical. Automotive car & maintenance may be offered if there is time. The modules will consist of some theory and then practical building samples (mostly hands on learning). Skills Exploration 10-12 is designed to experience trades as a means to find out if you would consider a work career in that trade. There may be a series of field trips to observe the trades at work in Richmond. Guest speakers will also present various trades and experiences that may be in addition to the topics covered in the classroom.

WOODWORK 9
This is the introductory course to woodworking that will build on the skills and knowledge gained in Technology Education 8 (ADST 8). This is a full semester course that will move from hand tools to power tools.

WOODWORKING 10
Open to students in Grades 9 to 11
The primary focus of this course is the development of safe hand tools and machine use. Throughout the course, students will work on a series of projects beginning with hand tool operations and progressing to machine operations.

WOODWORKING 11
Open to students in Grades 10 to 12
Prerequisite: ADST 9 or WW 10 Level 1
Course content will focus on individual problem-solving procedures to complete a series of projects that will build on the skill from previous courses including Drafting/Art/Math.

WOODWORKING 12 LEVEL III
Open to students in Grades 11 to 12
Prerequisite: WW11 Level II
This is an advanced course in woodwork where students will work on individually directed projects.

FURNITURE AND CABINETRY 12
Prerequisite: WW 11 or WW 12
This advanced course will combine all the skills from the other woodworking courses and will focus on furniture and cabinetry design and construction. You will be able to furnish your home with things to sit on and put stuff into.

ELECTRONICS 9 ADST 9
This is the introductory course to electronics that will build on the skills and knowledge gained in Technology Education 8 (ADST 8). This is a full semester course that is project based.

ELECTRONICS 10
Open to students in Grades 10 to 12
This course is an introduction to Electronics. Projects could include “winkey blinkey”, and use a “system approach” to design small circuits, joined together to form more complex projects. Programming based projects may also be available using the Arduino and Raspberry pi. This is an ever-changing field of study so this course will change as needed.
ELECTRONICS LEVEL II
Open to students in Grades 10 to 12
Prerequisite: EL Level 1
Students will learn a "systems approach to electronic design" by taking small circuits and joining them together to create more complex projects. Some time may be spent on 110 volt house wiring and supply systems.

METALWORK 9
This is the introductory course to metalwork that will build on the skills and knowledge gained in Technology Education 8 (ADST 8). This is a full semester course that will move from hand tools to power tools.

METALWORK 10
Open to students in Grades 10 to 12
The primary goal is to introduce students to metal working techniques by introducing hand tools and machine tools. Half the term will be traditional metal work projects, the other half term will be Jewellery Art Metal projects. Topics include safety, gas welding, arc welding, metal lathe, and foundry work. Project costs vary based on material chosen.

METALWORK 11 LEVEL II
Open to students in Grades 10 to 12
Prerequisite: MTL Level 1
This course is designed for those students in Grade 10 - 12 who have passed Metalwork Level 1 course and wish to continue in this area of study. Areas of study include lathe work, welding, advanced Jewellery casting. Part of the course is spent on self-directed study according to the student's interest. The result will be a student designed project. Project costs vary based on material chosen.

METALWORK 12 LEVEL III
Open to students in Grades 11 to 12
Prerequisite: MTL Level II
This is an advanced course in metalwork where students will work on individually directed projects.

METALWORK 12 – ART METAL & JEWELRY
This is an advanced course in metalwork where students will work on individually directed projects.

METALWORK 12 – MACHINING AND WELDING
This is an advanced course in metalwork where students will work on individually directed projects.

TECHNOLOGY LEVEL I
Open to students in Grades 9 to 12
This is a project-oriented course and will explore the design process to find solutions to problems. Projects may include H2O rockets, gravity cars, robot arms and more. This is an ever-changing field of study so this course will change as needed. There is an opportunity to explore community-based projects. A variety of material and processes will be used to construct the projects in all of the shops, wood, metal and electronics. This course is sometimes offered as a combined Technology/Electronics course based on student enrolment.

TECHNOLOGY LEVEL II
Open to students in Grades 11 and 12
Recommended: TECH Level 1 or teacher approval. Students will continue to explore the area of Technology by designing and building solutions to real world problems from everyday life. The projects will vary with the students.
SCHOLARSHIPS

Detailed information concerning scholarships, bursaries, student loans and other forms of financial aid is available at the Counselling/Career Centre. There are four categories of scholarships available to grade 12 students.

(Note: The Provincial Exam Scholarship has been replaced with the BC Achievement scholarship)

1. Grade 12 BC Achievement Scholarships:

The BC Achievement Scholarship is a $1250 scholarship that recognizes broad achievement in courses meeting graduation program requirements. These scholarships are capped at 3000 awards for the 2017/18 school year.

The Ministry will determine recipients based on students’ achievement in Grades 10, 11, and 12 courses that satisfy graduation program requirements (including elective courses). Grad Transitions will not be included. A cumulative average percentage will be calculated and form the basis for awarding the BC Achievement Scholarship.

Recipients must meet basic eligibility requirements, in addition to attaining a “B” (73% or above) or better average in their Language Arts 12 course (English 12, Communications 12, or English 12 First Peoples).

A student can receive only one BC Achievement Scholarship in their lifetime.

2. District Scholarships (Non-Academic areas):

A number of $1000.00 scholarships may be awarded to Burnett students who show outstanding achievement in Home Economics, Technology Education, Business Education or Visual and Performing Arts, Second Languages, and Physical Activity.

To qualify for these scholarships, students must meet the basic eligibility requirements of the Ministry and meet the criteria determined by the School’s Scholarship Committee which requires a student to demonstrate superior achievement in the non-academic areas. Each qualifying candidate will receive an award of $500.00 unconditionally and then an additional $500.00 will be awarded when proof of registration in a qualifying post-secondary program is provided.

3. Valedictory Scholarships and Bursaries:

Applications must be made to the Burnett Scholarship Committee by April of a student’s grade 12 year. These scholarships and bursaries are donated by the school, local businesses, organizations and individuals in the community. Recipients are chosen by the committee in part by academic success, community and school services, excellence in athletics, performing arts, individual subjects and other criteria required by the donor group. Award winners are announced at the Valedictory Ceremony in June.

4. Other Scholarships:

There are many scholarships available to students that are offered by institutions, industries, governments, unions, businesses, service groups, community sports organizations and individuals. Many post-secondary institutions have entrance scholarship programs. Scholarships in this category must be applied for by the individual. Information, in some cases, can be obtained through the Career Resource Centre.
EQUIVALENCY

Equivalency automatically grants provincial credit for certification which is provided by some external body (e.g. Royal Conservatory of Music). Students who have certification contained within the provincial list of equivalencies receive course credit automatically without going through the challenge process. The equivalency list includes various programs at certain levels that are attained through:

- Royal Conservatory of Music
- Victoria Conservatory of Music
- Western Board of Music
- Open Learning Courses
- External Language Assessment
- Sport, Athletics, Coaches, and Officials Programs
- Life Saving
- First Aid
- Computer Certification
- Cadet Courses
- 4-H C Programs
- Driver Education

CHALLENGE EXAM PROCEDURES

The purpose of Challenge is to acknowledge learning outcomes which students have done in other settings and which correspond to the learning outcomes in the provincial curriculum. A successful Challenge results in a student receiving credit for the appropriate content and a mark, which is recorded on the student’s graduation transcript.

Challenge consists of registration, evaluation, and examination. Cost to register for the exam is $50 and this is refunded when the student writes the exam. Students may challenge a course only once. At this point, registration takes place in October and the exams are written in late February.

The following Grade 11 and 12 language courses may be challenged for credit:

<table>
<thead>
<tr>
<th>Grade 11</th>
<th>Grade 12</th>
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<tbody>
<tr>
<td>French 11</td>
<td>French 12</td>
</tr>
<tr>
<td>German 11</td>
<td>German 12</td>
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<tr>
<td>Japanese 11</td>
<td>Japanese 12</td>
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<tr>
<td>Korean 11</td>
<td>Korean 12</td>
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<tr>
<td>Mandarin 11 (Traditional or Simplified)</td>
<td>Mandarin 12 (Traditional or Simplified)</td>
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<tr>
<td>Punjabi 11</td>
<td>Punjabi 12</td>
</tr>
<tr>
<td>Spanish 11</td>
<td>Spanish 12</td>
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NOTE: While a challenged course will satisfy a second language requirement for university, it MAY NOT be used as one of the four courses needed for admission at some post-secondary institutions. For more information, please contact your school counsellor.

CAREER & COUNSELLING CENTRE WEBSITE

http://public.sd38.bc.ca/~ccnews/

The above Career & Counselling Centre website is applicable to Grade 10, 11 and 12 students. It provides them with information on career and post-secondary options such as career fairs, program information sessions, entrance tests, campus tours, scholarships, and exchange programs. The website also provides information on post-secondary application, employment, and volunteering opportunities.

Please note: Post-secondary and scholarship information is constantly changing. Although we are striving to provide students with the latest information, we may not always succeed. It is therefore, the students’ responsibility to contact relevant sources for more accurate information.
Examples of Courses Offered by RVS

- Biology 11, 12
- Calculus 12
- Chemistry 11, 12
- Dance 10-12
- Economics 12
- English 11, 12, AP 12
- Foods and Nutrition 11, 12
- Foundations and Pre-Calculus 10
- Foundations of Math 11, 12
- French 12
- Geography 12
- History 12
- Independent Directed Studies
- Law 12
- Mandarin 11, 12
- Physics 11, 12
- Planning 10
- Pre-Calculus Math 11, 12
- Psychology AP 12
- SKY - Project Based Learning
- Social Studies 11
- Writing 12
- Young Entrepreneur Leadership and more ...

The Richmond Virtual School (RVS) is a Distributed Learning secondary school that uses a blended model of online and face-to-face interaction to deliver high quality and dynamic learning opportunities to Richmond students. We have one of the highest success rates in BC.

Our blended learning approach provides more choices for students, teachers, and schools. RVS students have the flexibility to learn the course content at a time that works for them. As independent learners, students will also benefit from developing life-long learning skills that will prove useful in other online learning opportunities.

We provide free academic and elective courses in grades 10 to 12. Students can take one or more courses through RVS and still be registered in their home school. We also offer a personalized project based learning program, for grade 11 and 12 students, called SKY. This year we are opening up this exciting and dynamic SKY program to grade 8 students. See our website for information on SKY and our other innovative programs.

Register at
RichmondVirtualSchool.ca
Contact us: rvs@sd38.bc.ca
604-668-6371