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A MESSAGE FROM YOUR COUNSELLORS

COUNSELLORS
(2020-2021)
Mr. O. Goncalves (Grade 8)
Ms. J. Sharples (Grade 9)
Mr. R. Moy (Grade 10)
Ms. T. Romano (Grade 11)
Ms. S. Glynianyi (Grade 12)
Ms. A. Sum (LAC, LALS, International)

ADMINISTRATORS:
Mr. K. Gill, Principal
Ms. D. Hughes—Vice—Principal
Mr. T. Myring—Vice—Principal
Ms. K. Thomson—Vice—Principal

EDUCATIONAL PLANNING

The purpose of this guide is to provide students and parents/guardians with the information necessary to make thoughtful course selection. In senior secondary school, the process of course selection becomes increasingly complex as government requirements are changing. Course selection in grades 10, 11, and 12 will have implications for post-secondary opportunities and this guide deals exclusively with course-related information.

YOUR DECISIONS NOW CAN GREATLY INFLUENCE YOUR FUTURE OPPORTUNITIES.

IT IS THE RESPONSIBILITY OF EACH STUDENT TO ENSURE THAT THEY COMPLETE THE APPROPRIATE SEQUENCE OF COURSES LEADING TO GRADUATION AND THAT THEY MEET THE ENTRANCE REQUIREMENTS OF THE POST-SECONDARY INSTITUTION OF THEIR CHOICE.

Information on B.C. Graduation Requirements can be found at: www2.gov.bc.ca/gov/content/education-training/k-12/support/graduation.

Post-secondary information can be found at: www.educationplannerbc.ca or login to your myBlueprint account at www.myblueprint.ca. Students should also visit individual university and college websites.

How to make maximum use of this course planning book:

• Study the Graduation requirements.
• Study the Course Selection Guidelines.
• Read the course descriptions and determine what, if any, prerequisites must be met.
• Choose the program and course sequence which you feel is most suitable to your interests, abilities and possible future vocation.
• If you are in doubt about any aspect of your program, or if you have any questions not answered in this book, see your Counsellor for assistance.

GUIDANCE

The resources of the Counselling Department are available to students and their parents / guardians if students require information concerning their present or future educational and career plans or if they wish to discuss any problem or concern to them, the Counselling Department is ready to assist them. The general policy is to allow a student to choose any of the Counsellors with whom they wish to see; however, for course planning, each Counsellor has a grade responsibility and each student is assigned a counsellor according to grade level. ALSO, be aware that courses such as ELL Levels 1 to 3, Community Service, on-line courses, challenge courses, study and support blocks are NOT eligible for Honour Roll. There are six Counsellors in the department. Each Counsellor is responsible for one grade and one for International students and LAC, LALS programs.

GUIDANCE AND COUNSELLING

The goals of guidance and counselling are to assist students in finding realistic and meaningful solutions to their problems, to guide and advise students regarding their educational and vocational pursuits, and to help prepare students to live happily and productively in a rapidly changing society.
COURSE SELECTION BOOKLET

This booklet is designed for parents / guardians and students who are planning course choices. Each student from grades eight (8) to twelve (12) and ELL must choose eight (8) courses each year.

Killarney provides a variety of courses. Some are (required), others are electives. All courses are designed to meet individual needs, interests and abilities.

Timetables are built by computer. Every effort is made to provide students with their chosen courses. If an insufficient number of students request a specific course, the offering will be dropped and the ‘alternate’ course will be inserted into the timetable by the computer. 

NOTE: You cannot select courses by specific teacher.

Parents/Guardians who are concerned about course selection for the next year are invited to contact the appropriate Grade Counsellor.

CAREER LIFE EDUCATION

Career Life Education and Career Life Connections

Career Life Education (CLE 10/11) and Career Life Connections (CLC 12) and Capstone project is an 8-credit program spread out over grades 10-12 that introduces students to the Graduation Program and equips them with a series of skills to make informed decisions, access information, and develop personal responsibility. This bundle of courses is a graduation requirement and all students must pass in order to graduate. Over three years, the CLE/CLC courses cover topics such as career options and planning, post-secondary research, post-secondary prerequisites, setting post-secondary goals for education and/or work, budgets and financial planning, resume and application writing, applying for universities and colleges, scholarship applications, etc.

In grades 10 and 11, students complete CLE A (grade 10) and CLE B (grade 11), which is delivered off-timetable at Killarney through a series of assemblies with guest speakers, online assignments and a field trip to the Career and Education Fair. Attendance at assemblies and the field trip(s) is mandatory. This structure allows students to achieve the learning outcomes of Career Life Education while taking greater responsibility for their learning and academic success than a traditional classroom-based course. Work in CLE A and CLE B is collected and documented using MyBluePrint.ca.

In grade 12, students complete CLC 12, collecting and documenting their work in MyBluePrint.ca. Grade 12 students are also required to complete a Capstone project, which is a culminating project, presentation or performance that allows students to consolidate and showcase the learning from their school and life experience into a meaningful and relevant product. It is designed to encourage students to think critically, solve challenging problems and develop skillsets. It connects students with the world outside of school and allows students to demonstrate the skills they will need as they pursue further education, enter the workforce and/or operate a business. CLC 12 and the Capstone project is mentored by a Killarney teacher.

Please note:

Meeting B.C. High School Graduation requirements does not guarantee admission to a post-secondary institution.

It is the responsibility of all students and parents to ensure that they have meet all post-secondary admission requirements as they vary among post-secondary institutions and programs of study.

NEW GRADUATION REQUIREMENTS

80 credits (equivalent to 20, 4-credit courses) required for graduation

52 credits are REQUIRED COURSES, including:

- English 10 4 credits
- English 11 4 credits
- English 12 4 credits
- Social Studies 10 4 credits
- Social Studies 11 or 12 4 credits
- or * Canadian Civics 11 N/A
- or * B.C. First Nations Studies 12 N/A
- Science 10 4 credits
- Science 11 or 12 4 credits
- Mathematics 10 4 credits
- Mathematics 11 or 12 4 credits
- Physical & Health Education 10 4 credits
- Fine Arts or Applied Skills 10, 11 or 12 4 credits
- Career and Life Education 10/11 4 credits
- Career Life Connections 12/ Capstone 4 credits

28 CREDITS ARE ELECTIVE COURSES

As part of the 28 credits, 12 credits (3 full year courses) must be at the Grade 12 level. The remaining 16 credits may be either Grade 10, 11 or Grade 12 courses.

★ All Ministry-authorized and Board/Authority-Authorized courses count.
★ At this time, these courses are not offered at Killarney.

EXAMS

- Numeracy exam
- Literacy exam

EXTERNAL LEARNING CREDITS

Increased options for students to earn Grade 10, 11 and 12 credits toward graduation by recognizing other learning opportunities.

Career and Life Education will promote information about and access to:

1) Equivalency
2) External credentials
3) Challenge, and Independent directed studies
4) Independent directed studies

Schools will be able to offer students the Independent Directed Studies option to a maximum of 4 credits in each Ministry or Board Authority-authorized course.
WHAT IS WORK EXPERIENCE?

Work Experience is a program that joins classroom theory with practical experience in the workplace. The program provides students a glimpse into working life away from the school, helps to build and hone working skill sets and helps students find career paths while providing an asset to our local businesses. Students will be required to volunteer a total of at least 90 hours. Number of days per week and working times each day vary by employer (weekdays, weekends, evenings); however students are still expected to maintain school assignments during this time.

The Work Experience Coordinator will also visit work stations to monitor students’ progress and evaluate their performance. In addition to providing work experience, the program can help students build resumes and cover letters, make decisions about their future careers and to gain confidence in making the transition from secondary school to the world of work or post-secondary education.

KILLARNEY LIBRARY / LEARNING COMMONS

Welcome to Killarney Library’s Learning Commons; a lively, friendly place to read, learn, and collaborate. Come to collaborate, create, and share your learning. We have an enticing selection of best-selling novels, over 3000 popular non-fiction books, plus online research databases accessible 24/7. Killarney has 44 computers (30 saved for classes during the day) with a printer. Students have access to these computers before and after school, and during library hours (library often open after 4:00 pm) Two friendly teacher-librarians (Ms. North and Ms. Greer) are available to help you with research skills, find a fascinating book to read, or help guide your class with meaningful inquiry-based research.

Address of online catalogue: https://library.vsb.bc.ca/  
> Killarney Secondary School + LOGIN (see info below)  
> CATALOGUE (to look up a book)  
> HOME (for list of databases)  
> MY ACCOUNT (to see library books signed out OR to renew a book (can’t be overdue!)

How do I borrow a book? Always carry your Student ID Card.  
You need to show your Student ID Card or current Timetable to sign out books.  
Lost your Student ID Card? You can buy a new one from the office.

> SEARCH CATALOGUE > Type in the name of the book or author you want

How do I access the Research Databases? Google: Killarney Secondary Library  
> DATABASES > LOGIN (see below) > HOME (to see list of databases)

How do I renew a book? OR How do I find out what library books I have signed out? Google: Killarney Secondary Library  
> CATALOGUE > Killarney Secondary > LOGIN (see below) > MY ACCOUNT

Check out Killarney Learning Commons website: https://sites.google.com/site/killarneysecondarylibrary/  
> For links to some classes go to: SUBJECT  
> For helpful tips go to: STUDENTS (researching tips, citing sources, job searching, etc.)

The library is ALWAYS open at i-Time; the best time of day to get caught up on your homework, meet classmates for group projects, or just get you day off to a great start reading. Reading at i-Time is one of the best ways to be a more prepared student and just relax with a good book! “When you read a book, you don’t escape from life, you plunge deeper into it.” - Julia Barnes

REMEMBER...  
PLEASE  
DO NOT BRING ANY FOOD OR DRINK INTO THE LIBRARY  
Thank you

HOURS: 8:20 am – 4:00pm (Open at breaks and lunch)  
Unless otherwise specified
**CAREER TRAINING PROGRAMS**

**Youth TRAIN in Trades Programs:**

The Vancouver School Board offers district programs for students to pursue industry certification or the foundation level of a trade program. These programs save time and money (free tuition) and offer a huge jump start for students.

The benefits include:
- Dual credit with post-secondary institution (most programs)
- Head start with Foundation program training
- Registration with the Industry Training Authority (ITA)
- Potential direct lead into an apprenticeship
- Work experience in the trade

For more information and an application form, please visit the VSB Career Programs website [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) links to Youth TRAIN in Trades, a pdf brochure for each program, and the application package. Also visit the Industry Training Authority website: [www.itabc.ca](http://www.itabc.ca). All students applying for Youth TRAIN in Trades programs should register at their home school with a full course load. Schools will be asked to modify a student’s timetable if the student is accepted into a Youth TRAIN program.

<table>
<thead>
<tr>
<th>Program</th>
<th>Where the program is taught</th>
<th>Credits towards graduation program</th>
<th>Timetable</th>
<th>Application Due</th>
<th>Month program begins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aircraft Maintenance Engineer</td>
<td>BCIT</td>
<td>16 credits</td>
<td>Monday - Friday</td>
<td>March 1</td>
<td>August</td>
</tr>
<tr>
<td>Auto Refinishing Preparation</td>
<td>VCC</td>
<td>20 credits</td>
<td>Monday - Thursday 8:00 am - 3:00 pm</td>
<td>November 30</td>
<td>February</td>
</tr>
<tr>
<td>Auto Collision Repair Technician</td>
<td>VCC</td>
<td>28 credits</td>
<td>Monday - Thursday 8:00 am - 3:00 pm</td>
<td>March 1</td>
<td>September</td>
</tr>
<tr>
<td>Auto Service Technician</td>
<td>Britannia</td>
<td>16 credits</td>
<td>Day 2</td>
<td>March 1</td>
<td>September</td>
</tr>
<tr>
<td>Baking and Pastry Arts</td>
<td>VCC</td>
<td>24 credits</td>
<td>Monday - Thursday 1:00 pm - 7:15 pm</td>
<td>November 30</td>
<td>August</td>
</tr>
<tr>
<td>Carpentry</td>
<td>BCIT</td>
<td>16 credits</td>
<td>February - June Monday - Friday</td>
<td>March 1</td>
<td>February</td>
</tr>
<tr>
<td>Cook</td>
<td>Sir Charles Tupper (priority to SCT students)</td>
<td>16 credits</td>
<td>Day 2</td>
<td>March 1</td>
<td>September</td>
</tr>
<tr>
<td>Cook</td>
<td>David Thompson</td>
<td>16 credits</td>
<td>Day 2</td>
<td>March 1</td>
<td>September</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td>BCIT</td>
<td>16 credits</td>
<td>Monday – Friday</td>
<td>March 1</td>
<td>August</td>
</tr>
<tr>
<td>Hairdressing</td>
<td>VCC</td>
<td>32 credits</td>
<td>Monday - Friday</td>
<td>March 1</td>
<td>September</td>
</tr>
<tr>
<td><strong>Heavy Mechanical Trades</strong></td>
<td>VCC – Annacis Island</td>
<td>32 credits</td>
<td>Monday - Thursday 36 weeks</td>
<td>Ongoing</td>
<td>April, July, Sept &amp; Nov</td>
</tr>
<tr>
<td>Plumbing</td>
<td>Piping Industry College of BC</td>
<td>4 credits</td>
<td>Mid-June to late July</td>
<td>March 1</td>
<td>June</td>
</tr>
<tr>
<td>Painting</td>
<td>Finishing Trades Institute of BC</td>
<td>4 credits</td>
<td>Mid-June to late July</td>
<td>March 1</td>
<td>June</td>
</tr>
<tr>
<td><strong>Millwright</strong></td>
<td>BCIT</td>
<td>20 credits</td>
<td>Monday - Friday</td>
<td>March 1</td>
<td>February</td>
</tr>
<tr>
<td><strong>Motorcycle &amp; Power Equipment</strong></td>
<td>BCIT</td>
<td>20 credits</td>
<td>Monday - Friday</td>
<td>March 1</td>
<td>February</td>
</tr>
<tr>
<td><strong>Metal Fabrication</strong></td>
<td>BCIT</td>
<td>20 credits</td>
<td>Monday - Friday</td>
<td>March 1</td>
<td>February</td>
</tr>
</tbody>
</table>

**Limited spots available**—must contact Career Programs office in the school year prior to program.
**DUAL CREDIT PROGRAMS**
These programs, in partnership with post-secondary institutions, provide the opportunity for students to get a head start on their certification programs. Students save money (free tuition) and earn high school and post-secondary credits at the same time.

**Healthcare Assistant (Grade 12)**
Students will prepare to work as front line caregivers in home support, adult day care, assisted living, and complex care (including special care units).
- 28 weeks (September to March)
- 28 graduation credits
  - Vancouver Community College

Additional information and application form can be found on the VSB Career Programs website at [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) —> Our Programs —> Healthcare Assistant

**Application Due Date:** November 30

**Trades Sampler BCIT (Grade 12)**
A hands-on program through BCIT that gives students an overview in approximately 12 different trades including metal fabrication, welding, framing, and electrical.
- 12 weeks – February to May
- Monday to Friday, 7:00 am – 2:00 pm
- 12 graduation credits
  - BCIT

Additional information and application form can be found on the VSB Career Programs website at: [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) —> Our Programs —> Trades Sampler BCIT

**Application Due Date:** March 1

**YOUTH WORK IN TRADES—APPRENTICESHIP**
Students with the skills and connections can start an apprenticeship in high school. Students who are already working in an apprenticeable trade can formalize the apprenticeship relationship with their employer. There are 4 courses (16 credits) available to these students when they have a formal ITA agreement arranged through the VSB District Apprenticeship Facilitator. Information and application forms are available on the VSB website: [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) —> Our Programs —> Youth WORK in Trades

**SCHOOL-BASED PROGRAMS:**

**Fashion Design and Technology – Eric Hamber**
Students will enhance their construction skills; study history of costume, fashion merchandising; practice tailoring techniques and pattern drafting. Basic computer assisted design and fashion illustration will be practiced. In year 2, students will complete the graduation collection and portfolio needed for post-secondary entrance. Students may have the opportunity to participate in dual credit opportunities with a Fashion Design Program at a local post-secondary institute.
- Two-year cohort program: grade 11 & 12
  - Every other day (Day 1 or Day 2)

Additional information and application form can be found on the VSB Career Programs website at: [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) —> Our Programs à Fashion Design & Technology

**Application Due Date:** March 1
SCHOOL BASED PROGRAMS

IT and CISCO Networking Program – Killarney Secondary

Students will diversify and enhance their computer knowledge by building a computer, installing software and connecting the computer to networks and to the internet.

  Grade 12
  Day 2
  One-year cohort program, up to 16 credits
  Hands-on, laboratory courses
  Prepare for industry-recognized certification
  Receive advanced placement at BCIT

  Additional information and application form can be found on the VSB Career Programs website at: careerprograms.vsb.bc.ca —> Our Programs —> CISCO

Application Due Date: March 1

Tupper Tech - Explore Trades Sampler Program at Sir Charles Tupper Secondary

A program for students who are not sure which trade is right for them.

  Day 2
  Students may be able to remain registered @ home school Day 1
  24 graduation credits
  Grade 12 program

For more information on Tupper’s program, contact Mr. R. Evans (rtevans@vsb.bc.ca) or visit our Program website: careerprograms.vsb.bc.ca —> Our Programs —> Tupper Tech

Application Due Date: March 1

Enhanced Trades – Killarney Secondary (Grade 11)

A program designed as an introduction to a variety of trades courses which include Automotive Technology 11, Drafting 11, and Metalwork 11.

  Day 2
  Students remain at home school for Day 1
  12 to 16 credits
  Grade 11 program

Additional information and application form can be found on the VSB Career Programs website at: careerprograms.vsb.bc.ca —> Our Programs —> Enhanced Trades

Application Due Date: March 1
Program Details
This program will prepare students for the A+ certification and LPI certification exam. Time permitting, it may provide enough background for the ICND 100-100 certification exam.

Students will:
- Fix, troubleshoot and build computers
- Set-up, design and implement computer networks
- Create their own cable
- Set up and manage Linux server and create bash scripts
- Create programs for serve side or mobile devices
- This is a one-year program held Day 2’s at Killarney Secondary.

Benefits for Students
On successful completion students receive:
- 16 credits for high school graduation
- Credits for Level One of the two-year Computer Information Systems Administration Diploma Program at BCIT
- The opportunity to take a BCIT bridging course to gain entry to CISA Level Two

Costs to the Students
Materials, supplies and international industry standard certification exams will cost approximately $450.

Application Process
Applications can be found on our website: Careerprograms.vsb.bc.ca
Submit completed application to Career Programs.

APPLICATION DEADLINE: MARCH 1ST

Who to Contact
Kal Gill, Principal, Killarney Secondary
Phone: 604-713-8950

Courses
- COMPUTER HARDWARE 10 or 1
- INDEPENDENT STUDY 12
- HTML, Javascript
- MySQL
- PHP or Creating Apps
- Networking Basics
- CCNA R&S 1 and 2
- Routers and Routing Basics
- Fundamentals of Switching
- ICND 100-101 Certification prep (time permitting)
- Linux Essentials
- LPI Certification exam prep
- Systems Administrator

Websites
Killarney’s Information Technology website: Killarney.vsb.bc.ca/ali/
BCIT website: https://www.bcit.ca/study/programs/cisco
Are you considering a future in the trades?

Careers in the skilled trades for electricians, welders, carpenters, auto service technicians and scores of other choices are lucrative, in-demand and provide some of the steadiest and most satisfying employment available.

While many university graduates are facing huge debt, low pay or unemployment, students going into a trade are often hired by employers before they have finished their training. Does this sound like something that might interest you? If so, choosing the Enhanced Trades program for grade 11 gives you a chance to see which trades suit you. Come to Killarney on Days 2s to experience multiple trades courses. You will take:

- Metalwork/Welding 11
- Automotive 11
- Drafting/Engineering 11
- Social Studies 11

If you are enthusiastic and find hands-on learning suits you best, then this program is for you. Join the thousands of young people ready to be part of the “maker” revolution! Killarney Secondary has a history of strong Technology Education programs. We invite you to be part of the first group in this enhancement program and to begin your path towards an exciting future!

Costs to the student: a fee may be required based on individual selection of projects.

HOW TO MAKE IT HAPPEN
The next steps are for you to:
- Meet with your Counsellor and parent(s) to plan the program.
- Complete the application form (found on the web link below) and send it to Mr. Moro.

WHO TO CONTACT
Mr. Kal Gill, Principal
Killarney Secondary
6454 Killarney Street
Tel: 604-713-8950 email: kgill@vsb.bc.ca

Visit us at: www.vsb.bc.ca/programs/enhanced-trades-program

Q. Which career averages a six figure salary while guaranteeing employers across the country will climb all over each other to hire you?

A. If you answered skilled trades, you’re right!

Application Deadline March 31st
For a full list of our online and paper based course offerings, please visit our website at

**ONLINE COURSE OFFERINGS:**  [http://vlns.ca](http://vlns.ca)

VLN opened in 1990 as the Greater Vancouver Regional Correspondence School, a name which reflects the origin of what is now known as British Columbia as “Distributed Learning”. While we still have a core of self-paced correspondence courses available to students, most of our course offerings and enrollments at VLN today are online. We offer over 90 courses in total, all of which are accredited courses for a British Columbia Dogwood.

All courses at VLN are tuition-free to school age students who are Canadian citizens and residents of British Columbia. Each student works at a pace reflected in a personalized Student Learning Plan and/or Course Plan, both of which are established in consultation with us, and according to individual timelines and goals.

Many of our students attend school full time in schools. While the majority of our students come from the Greater Vancouver region, our courses are available to students from other school districts as well. VLN is ideal for students who want to do one or two courses online as part of a graduation plan, or for students who find that the face-to-face environment is no longer an option. We provide the flexibility that many students need.

To read about these courses in more detail visit our website at: [http://vlns.ca](http://vlns.ca)

Where can I access computers?

The Library Learning Commons has 2 computers reserved for VLN students.

Location: Study Carrel room.  *NOTE:* The main library lab is reserved for class bookings.  You may be asked to move elsewhere.
The Vancouver Board of Education operates two Adult Education (AE) AE centres provide students with a wide choice of learning opportunities that range from the basic literacy level (Ministry Foundations courses, Levels 1-7) to high school completion. The Foundations courses help students develop or strengthen specific core skills needed for successful completion of Grade 10/11/12 courses, and senior academic credits lead to high school completion or allow students to gain or upgrade Grade 10/11/12 credits. All courses, both Foundations and Grade 10/11/12, follow prescribed Ministry curriculum. centres in Vancouver, South Hill Education Centre and the Gathering Place Education Centre.

To meet student needs for flexible programming, centres offer courses from early morning to evening, including Saturdays and operate year round:

- Quarter (9 week terms; beginning 4 times a year; Sept., Nov., Feb., Apr.)
- Semester (18 week terms; beginning 2 times a year; Sept. and Feb.)
- Summer term (5 week term)

Depending on student needs, AE centres provide a variety of course formats which may include:

- Self-paced courses (blended paper-based instruction with face-to-face assistance) from Foundations to Grade 10-12 courses - Gathering Place and South Hill Education Centre
- Structured courses at the Foundations and Grade 10/11/12 levels - South Hill Education Centre

Students at our AE centres reflect the diversity of language and cultural backgrounds in Vancouver and range in age from 16 to seniors. Each of the centres responds to the specific needs of its community and program offerings reflect student course requests and enrollment patterns.

Please note that students attending adult centres must be 16 years old (on July 1 of the current school year) and follow MOE course concurrency rules to be eligible for Ministry funding.

Adult Education also runs one Foundations level outreach program at Britannia Secondary in partnership with Canuck Family Education Centre, and one senior academic credit youth program located at South Hill Education Centre.

### Adult Education Centres in Vancouver

**Gathering Place Education Centre**  
Tel: (604) 257-3849  
[http://go.vsb.bc.ca/schools/adulted](http://go.vsb.bc.ca/schools/adulted)

**Main Street Education Centre at Gladstone**  
Tel: (604)713-5731  
[http://go.vsb.bc.ca/schools/adulted](http://go.vsb.bc.ca/schools/adulted)

**South Hill Education Centre**  
Tel: (604)713-5770  
[http://go.vsb.bc.ca/schools/adulted](http://go.vsb.bc.ca/schools/adulted)
Note:
Each senior grade (10-12) may enrol in multiple Grade 11/12 business classes at the same time. Classes do not need to be taken in this order.

Recommended: It is recommended you take multiple senior business classes to bridge your understanding of how these subject areas interrelate with at least one senior class in Grade 10.

Although many do not have pre-requisites, it is very beneficial for you to have a well-rounded business education background by enrolling in multiple courses.
ACCOUNTING 11  
(MAC-11)  
Prerequisite: None  
Open to Grades: 10, 11, 12
This is an introductory course to accounting. You can expect to learn about how accounting is vital to any business and how to become more financially savvy. Learn how businesses make important decisions based on data. You will also explore the career opportunities that accounting has to offer. In this course, you will be introduced to the following concepts:
- The accounting equation
- Book keeping and journal entries
- Introductory financial statements
- Business reports and chart creation using Word and Excel
- Presentation skills in a business environment
- Introductory finance/budget planning

NOTE: Work Book Cost: $30.00

ACCOUNTING 12  
(MACC-12)  
Prerequisite: Accounting 11  
Open to: Grades 11, 12
This course will continue where the Accounting 11 course finishes off. This is an excellent course for students planning to pursue post-secondary studies in accounting, finance, business management or commerce. Topics covered include:
- Posting
- Completing the accounting cycle
- Accounting for cash
- Accounting for a merchandising business
- Special journals and subsidiary ledgers
- Business organizations and decision-making
- Financial analysis of corporations
- Personal income taxes

Accounting 12 uses the same workbook as Accounting 11. Students will also be using special accounting software such as Sage 50 and Quickbooks.

MARKETING & PROMOTION 11  
(MMAP-11)  
Prerequisites: None  
Open to: Grades 10, 11, 12
Marketing 11 is an introductory course to the world of marketing. This course combines business fundamentals and practical applications with a focus on retailing. Students will learn core concepts and frameworks marketers’ use to analyze and improve businesses. The course will examine current marketing concepts, careers, entrepreneurship, advertising and display, customer service, business ethics, and the business environment. Topics covered in the course are:
- The Marketing Mix (4 P’s)
- Understanding the Consumer (Buying Behavior)
- Market Segmentation
- Visual Merchandising
- Advertising
- The Product Life Cycle

Please note that this course will dedicate a significant portion to teaching students the Case Study Method of Learning in business – a popular and widely used method of study for business in post secondary. Get a taste of real-life business scenarios and decision making. The course includes several field trips throughout the year.

NOTE: Taking Marketing 11 is highly recommended for entry into Entrepreneurship 12.
ENTREPRENEURSHIP 12 (MECOM12) Cougar Mart
Prerequisite: Priority will be given to students that have taken Marketing 11. However, there will be an application process. Account 11 and Accounting 12 are strongly recommended.
Open to: Grade 12 students only

Entrepreneurship 12 is an introductory course to owning and operating a small-scale business and experiencing the challenges and rewards of entrepreneurship. You will have an opportunity to apply the marketing background knowledge that you acquired in Marketing 11 to the operation of the school store—Cougar Mart. You will also get to develop your own venture and sell a product or service to the school community.

You will have numerous “hands on” opportunities to take on a variety of leadership roles to contribute to the success of the store’s operation. For example: You could be the CEO of the store and be responsible for managing your employees (your peers); or be the accountant who manages the financial operation of the store. You will gain valuable future employability skills such as:

- Operating a cash register
- Managing staff
- Marketing goods and services
- Developing and implementing new and innovative ideas

BUSINESS COMPUTER APPLICATIONS 12 (MBCA-12)
Prerequisite: None
(keyboarding skills are recommended)
Open to: Grades 11, 12

Prepare yourself for entering the world of work, college, or university with the proper tech skills used in business. Use industry-standard software. You will walk away from this course with valuable skills to use for the rest of your school and career lives. In this course, you will be introduced to a variety of software applications, some of them including:

- Word
- Excel
- PowerPoint and presentation skills
- Outlook
- Windows Moviemaker
- Google documents
- Photo-editing software
- Media studies
- Layout and design techniques for websites, posters, and infographics

ECONOMICS 12 (MEC--12)
Prerequisite: None
Open to: Grades 11, 12

Students will understand how a modern economy works from both a micro and macroeconomic perspective, which can be helpful no matter what you plan to do after high school. An emphasis is placed on what to expect from both a university course structure and a career in business. Many former Killarney students have commented that their Economics 12 course at Killarney gave them an advantage in first year university level Principles of Microeconomics and Macroeconomics classes as they already knew many of the topics and theories covered. Those two courses are generally required if you go on to complete a business or economics degree in university. Topics covered will include the following, as well as others, permitting time:

Microeconomics:
- The Economic Problem of Scarcity
- Demand and Supply
- Competitive Dynamics and Government Policies
- Costs of Production

Macroeconomics:
- Measures of Economic Activity
- Inflation and Unemployment
- The Foreign Sector
- Foreign Trade

Other topics:
- Stock market
- Current business news and trends
Course Outlines

ENGLISH COURSES

OVERVIEW
In English Language Arts 8-12, students will examine and enjoy a variety of texts, including Canadian and Indigenous stories to help understand themselves and make connections to others and to the world around them. Questioning what they read, hear and view contributes to students’ ability to be educated and engaged citizens. All students are required to take an English course in each year of secondary school. A supplemental home reading program is recommended to support academic success.

ENGLISH LANGUAGE ARTS 8 (MEN-08)
English 8 provides students the opportunity to strengthen their understanding of themselves, diverse cultures, and multiple perspectives through the exploration of First Peoples’ and other Canadian and international texts. Students will be expected to engage critically with and produce their own oral, written, visual and digital texts. Reading, listening and the critical viewing of texts will be presented as a source of creativity and joy.

ENGLISH LANGUAGE ARTS 9 (MEN-09)
English 9 emphasizes self-directed learning and communication through language and literature. Skills include synthesizing, making connections, critical and creative thinking, exchanging ideas, extending thinking, and establishing and supporting an opinion. Content will cover a wide range of genres and media, including Indigenous perspectives. The primary goal of English 9 is that students become literate and responsible citizens.

ENGLISH LANGUAGE ARTS 10
English 10 provides two options for students. Both options have the same level of difficulty. Students are to choose one of the following bundles:

- COURSE PACKAGE 10M (PKG-10M)
  English Literary Studies—New Media + Literary Studies 10
  Option 1: New Media and Literary Studies
  The Literary Studies component focuses on various genres, themes and authors. Within this, students will engage with writers from various perspectives in order to recognize themselves as global citizens. The Media Studies component includes film and visual literacies, journalism and publishing, and digital communication. Through this, students will analyze, assess and produce various mediums.

- COURSE PACKAGE 10N (PKG-10N)
  English Composition—New Media 10 + Composition 10
  Option 2: New Media and Composition
  Through the composition element of this course, students will explore various forms of writing, for specific audiences and disciplines. This includes narrative, expository, descriptive and persuasive modes of writing. The Media Studies component includes film and visual literacies, journalism and publishing, and digital communication. Through this, students will analyze, assess and produce various mediums.

ELL TRANSITIONAL ENGLISH (XLDC10ENT)
Transitional English (TREN) is designed for Grade 10, 11 and 12 ELL students who have reasonably strong reading and writing skills and are ready to transition to regular English. The course supports the skills and content of English Language Arts 9 and 10. The goal of the course is to support the acquisition of English language through reading and writing of increasingly complex texts as well as through group and class discussions. Students will further develop their sentence fluency and correct use of grammar while expanding vocabulary. Students in Transitional English will also take English Language Arts 10 (New Media + Composition) concurrently.

PSYCHOLOGY 11 (YPSYC1A)
(Psychology is NOT an English 11 credit)
Psychology 11 is open to students in Grades 11 or 12. This exciting introductory course is similar to Psych 100 at local colleges and universities. It will allow students to examine the complex human mind through studies in brain physiology (how do our brains work?), personality theory (who are we?), abnormal psychology (mental illness), social psychology and various therapies. Students will explore the connections between the spirit, the mind and the body as well as major issues in mental health and wellness.
ENGLISH LANGUAGE ARTS 12
Grade 12 students must take English Studies 12 for graduation requirements. They may also take additional courses as electives. Grade 11 students are welcome to enroll in Literary Studies 12 if they have a minimum 85% in their English Language Arts 10.

ENGLISH STUDIES 12 (Mandatory) (MENST12)
English Studies 12 promotes critical thinking to challenge students’ perceptions and helps them understand themselves and their world with greater compassion and respect. The course uses a variety of contemporary literature including Indigenous texts to encourage students to delve more deeply into themes, ask insightful questions, make meaningful connections, engage in thoughtful discussions and demonstrate their understanding through a variety of traditional and creative assignments. The course will expand students’ awareness of literary techniques and forms as well as research skills. Written compositions will reflect an awareness of various conventions, audiences and purposes. English Studies 12 offers increased opportunities for peer and self-assessment allowing students to become more reflective and autonomous learners.

LITERARY STUDIES 12: MLTST12
LITERARY LOUNGE: Where Words and Hearts Meet!
Come join Killarney's Literary Lounge! We will look at some of the most powerful works of Literature, talk philosophy, history and some of the best gossip this side of the Tower of London all while sipping a cuppa (tea that is).

This course is a survey of English Literature from the Medieval adventure legend of Beowulf (Think: "The Rock" meets "the Predator") to the 20th Century T.S. Eliot's The Hollow Men (Think: The Kardashians). This informal discussion course will give students a solid foundation in critical analysis and literary techniques (and TL;DR, it's mostly short poems!) It is an excellent companion course to English Studies 12, especially for those who are serious about doing well in English 100 at college or university (and BTW, did you know that course has a serious failure rate of almost 30%? GASP!) So put on your sweater vests, beef up your English skills (which will get you a higher mark in English Studies 12, or your money back -- guaranteed!), chill out with some seriously good tea, and join us!
Classroom assignments and observations by teachers ensure that students are appropriately placed in Level 1, 2 or 3 or the Transitional ELL Program.

The English Learning Language Department provides a four-level program for students.

**Level 1** is appropriate for students whose English skills are at a beginning level.
**Level 2** is for students whose English skills are at an intermediate level.
**Level 3** is for students who generally have advanced language skills but are performing below grade level.

**Transitional**
- **SENIOR**—Grade 10, 11 and 12 ELL students who have reasonably sufficient oral and written English language skills are registered in Transitional English and Transitional Social Studies. Successful completion leads to English 10 and Socials 10 credits.
- **JUNIOR**—Students in Grades 8 and 9 who have strong enough English skills will be placed in regular classes and receive one block of ELL Support Block for additional support.

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*Revised: December 5, 2019*
FINE ARTS

**VISUAL ARTS 8**
(MVA--08)
Prerequisite: None
This is half year course is run in conjunction with Drama 8. It explores the elements and principles of design through the major expression areas of drawing, painting, printmaking and three dimensional art.

**VISUAL ARTS 9**
(MVA--09)
and
**VISUAL ARTS: ART STUDIO 10**
(MVAST10)
Prerequisite: None
This full year course builds upon the basics taught in Art 8, and explores in greater detail the elements and principles of design through the major expression areas of drawing, painting, printmaking and three dimensional art.

**ART STUDIO 11/12**
(FIBRE & FABRIC ARTS)
(MVAST11 or MVAST12)
Prerequisite: None
This course explores Fiber Arts as an art form and as a craft. Students will be encouraged to develop their creativity and skills set. The content of the course will be multifaceted. It will include some, or all of the following techniques: appliqué, beading, embroidery, crocheting, felting, knitting, macramé and weaving.

**STUDIO ARTS 3D 11/12 (CERAMICS)**
(MVAC11 or MVAC12)
Prerequisite: None
Students will explore ceramics by first learning basic hand building techniques using pinch, coil, and slab. As well, students will learn the basics of firing and glazing. Some pottery wheel work will be covered.

**STUDIO ARTS 2D 11/12**
(DRAWING & PAINTING)
(MVAD11 or MVAD12)
Drawing and painting have been part of the human experience for thousands of years. In this course students will look at the art of the past and the work of contemporary artists; develop technical skills and create substantial works of art. Individual creativity and expression is encouraged in this studio program.

**VISUAL ARTS: PHOTOGRAPHY 10**
(MVAPH10)
Pre-requisite: None
Photography is a unique art form that captures images for artistic expression. Learn the studio lightroom basics of photography, Adobe photoshop, DSLR camera’s, and lightroom. Catch a glimpse of contemporary and historical photography, beyond your technical and conceptual development. Photography offers unique ways of exploring our identity and sense of belonging.

**DIGITAL IMAGING & PHOTOGRAPHY 11 & 12**
(MVAPH11 or MVAPH12)
This course is open to Grade 10—12
To introduce students to digital photography. Content will revolve around developing personal imagery as well as addressing socially relevant issues in photography. Units will include self-portraits, landscapes / nature photography, photojournalism, pictures in ads and magazines, action shots, shadows / light multiplicity, slideshows, double exposure and stop motion. This course focuses on photo composition and will cover basic editing on Photoshop. Students will be using DSLR’s—high quality professional cameras.
In the spring, students will have the opportunity to direct, write or audition for our spring fever one act festival. Throughout the year, students will work with professionals, attend field trips and have the chance to attend planned and supervised Film and Theatre trips. We are proud to offer our students a safe and welcoming learning environment.

### DRAMA 8 (MDR--08)
Prerequisite:  None – An interest in drama is all you need!
This course introduces students to the whole range of drama activities and builds confidence. This course is excellent for students who have an interest in building self-confidence and having fun learning the core competencies. An interest in drama is all you need!

Course content includes:
- self-confidence
- basic improvisation
- theatre games and exercises
- Performance strategies
- Voice, movement
- Team building skills
- creative thinking and critical thinking
- beginning scene work and character creation
- Lots of FUN!!

### DRAMA 9 (MDR--09)
Prerequisite:  None - An interest in drama is all you need!
Drama 9 is a second course in drama education. Excellent for beginning students who want to continue to build self-confidence. During the course, the students will learn something about the theatre but will probably learn more about themselves as beginning actors. The full year course will include group projects, guest workshop teachers, field trips and lots of fun and laughter.

What will be studied:
- exercises for voice, body, and story
- stage fighting/combat
- scene work/ team building
- Improv
- Mask work and commedia dell’arte
- creation of character / stock characters
- Music videos
- Style
- Field trips
- Lots of FUN!

### DRAMA 10: THEATRE PRODUCTION COACHING (MDRD-10SC1)
Prerequisite:  Permission of instructor
This course is for Grade 10, 11, and 12 students with a strong background in drama and acting who wish to develop and share their leadership and theatre skills with younger students. The coach works along with the teacher in a Grade 8 or 9 Drama class as a director, demonstrator and group leader. As a teaching assistant, the coach assumes considerable responsibility and challenge. Coaching is a valuable and rewarding experience for the student who has a particular interest in teaching, leadership and/or directing.

### DRAMA 10 (MDRM-10)
Prerequisite:  None - An interest in drama is all you need!
Drama 10 is a transitional course for serious acting students who want to perform in front of larger audiences. Among the many interesting and entertaining areas to be studied are:
- drama leadership
- Script work & mini play performance
- drama games
- improvisation
- film acting
- Play-building
- some technical theatre
- field trips
- theatre history
- Stage fighting routines
- LOTS OF FUN!!

### DRAMA 11 ACTING (MDRM-11)
Prerequisite  Previous experience would be helpful. And an interest in theatre. For students who want to perform in front of 100 or more audience members. This serious acting course includes the basic skills of:
- Improvisation & Theatre Sports
- Theatre games
- Team building
- Stylized & stage movement
- Voice training
- Theatre History
- Play-building
- One-act plays and much more!
- Field trips
- LOTS OF FUN!

### DRAMA 12 ACTING (MDRM-12)
Prerequisite:  Previous drama or acting experience and an interest in theatre. For serious acting students who want to perform in front of 100 or more audience members. This course enhances all of the skills and areas outlined in Acting 11. In addition, students will participate in:
- Improvisation & Theatre Sports
- Theatre games
- Stylized & stage movement
- Advanced Voice training
- Theatre History
- Play-building
- One-act plays
- Field trips
- Leadership / directing and much more!
- LOTS OF FUN
FINE ARTS—THEATRE

“Go Big or Go Home”

**The Stages of Drama**

**GRADE 10**
- Drama 10
- Drama 10: Acting Coach
- Digital Photography 10
- Film and Theatre Criticism 12
- Film and TV Production 11/12

**GRADE 11/12**
- Drama 11/12 (Acting)
- Directing & Script Development 11/12
- Media Arts 10 & Media Arts 11
- Film and TV Production 11/12

**MEDIA ARTS 10 / MEDIA ARTS 11 (MVAM-10 or MVAMT11)**
**THEATRE CRITICISM 12 (YLE-2E)**
This course is open to ALL students in Grade 10—12. Students will be able to enhance their learning opportunities, beyond the classroom, attending and experiencing a variety of styles of theatrical, musical and cinematic productions performed and produced by amateur and professional companies throughout the lower mainland. We will also invite productions to come and perform at our school in our studio and analyze and critique films.

The students will learn and analyze topics such as play style, venue choice, casting, direction, set costume, lighting, acting, cinematography and much, much more. Get ready for a year filled with fun and memorable experiences.

**DIRECTING & SCRIPT DEVELOPMENT 11 (MDRDS11)**
Focuses on writing, re-writing and directing theatrical works. Students will have many opportunities to be creative, communicative and exploratory as they write scripts and direct scenes.
The course includes: Field trips, Casting plays, Facilitating Play building, Writing and Directing dialogues, scenes and plays, and LOTS OF FUN!
Assessment differential based on grade level.

**DRAMA: FILM & TELEVISION 11/12 (MDFT-11 or MDFT-12)**
Prerequisite: A creative attitude
Film & TV 11/12 is a course which teaches students to bring stories to life through the visual arts (this course is also open to grade 10 students). Students will make 6 short films during the year. Student can choose to focus on working in front of the camera, behind the camera and/or acting. Filmmaking skills include:
- Scriptwriting
- Directing
- Acting on camera
- Cinematography (camera techniques)
- Editing (including special effects and sound design) and much more.
- This course also involves film critique and analysis
**DIRECTING & SCRIPT DEVELOPMENT 12 (MDRDS12)**
Builds on writing, re-writing and directing skills. Students will have opportunities to be creative, communicative and explore leadership opportunities as they write scripts and direct scenes.
The course includes: Field trips, Leadership opportunities, Casting plays, Facilitating Play building, Writing and directing advanced dialogues, scenes and plays, and LOTS OF FUN!

**DRAMA THEATRE COMPANY 10/11/12 (MAINSTAGE) (MDRTC10 / MDRTC11 / MDRTC12)**
Theatre Company offers committed theatre students an opportunity to study and present a large number of major theatrical works in a studio and mainstage setting. Students gain experience in the basics of theatre production and focus on a professional, repertory theatrical approach in the course.
The Theatre Company’s focus will be major productions. The students will have to be committed acting students, prepared to invest a lot of extra-curricular time into this course.
The course will be open to students in Grades 8 -12. This will be a course that students will audition/apply for and add to their timetable.
The Killarney Band department offers students the privilege to learn an instrument and perform in a band ensemble. These performance-based courses will provide opportunity for students to:

- Acquire the knowledge and skill required to read and perform music in a traditional band
- Develop superior musical, technical, and social abilities as an individual and as an ensemble
- Study and play a wide variety of musical styles (classical, pop, military, and contemporary)
- Perform with confidence and passion in public concerts and festivals
- Represent the school in retreats, workshops, clinics, festivals, exchanges, and performance tours (both national and international)

There are five levels of Concert Band: Beginning, Junior, Intermediate, Symphonic Band and Wind Ensemble. Students who have not played a band instrument before should enter the Band program at Level One. Please refer to the chart below for specific level information.

A balanced Concert Band is made up of many instruments. Tubas, baritones, oboes, bassoons, synthesizers and large percussion equipment are available at the school. The school also owns a limited supply of flutes, clarinets, saxophones, trumpets and trombones. These instruments may be purchased or rented at local music stores or at the Instrument Night scheduled at Killarney every September.

Students must be prepared to take part in occasional extra-curricular rehearsals and performances; specific times will be addressed as they arise. Also, it is expected that students take part in the local performances scheduled throughout the year.

Participation in performance tours is optional, but strongly encouraged.

### WIND ENSEMBLE

The Wind Ensemble is comprised of students who are placed by skill ability rather than years of experience. It is open to students in Grades 9-12, and admission is based on a successful audition by the Band Director. There are a limited number of positions open for each instrument. Students who do not have a successful audition will be registered into the band that corresponds with their years of experience.

### JAZZ BAND

Stage Band is an additional music elective for students with two or more years of playing experience. Stage band is enrichment to the main thrust of the band program and therefore, students must be enrolled in a Concert Band as well. Course work includes the study and performance of various jazz, rock, fusion and contemporary arrangements. Students will also gain skills needed to understand and explore improvisation. Jazz music has specific challenges but the outcome is very rewarding!

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**CONCERT BAND Levels:**

**LEVEL ONE**
Beginning Band
No previous experience for students in any grade—
Music 8 Band Beginners (MMU-08BA1)
Music 9 Band Beginners (MMU-09BA1)
Music 10: Concert Band Beginner (MMUCB10--1)

**LEVEL TWO**
Junior Band
At least one-year experience or equivalent in private lessons or summer school or elementary school band program
Music 8 Band Junior (MMU--08BA2)
Music 9 Band Junior (MMU--09BA2)

**LEVEL THREE**
Intermediate Band
At least two years’ experience
Music 9 Band Intermediate (MMU--09BA3)
Instrumental Music: Concert Band 10 Intermediate (MMUCB10--3) *

**LEVEL FOUR**
Symphonic Band
At least three years’ experience
Instrumental Music: Concert Band 10 Symphonic Band (MMUCB10--4)*
Instrumental Music: Concert Band 11 Symphonic Band (MIMCB11--4)
Instrumental Music: Concert Band 12 Symphonic Band (MIMCB12--4)

**WIND ENSEMBLE**
By successful audition.
Music 9 Wind Ensemble (MMU--09WD1)
(By permission of the teacher)
Instrumental Music:
Concert Band 10 Wind Ensemble (MMUCB10--5) *
Instrumental 11: Concert Band Wind Ensemble (MIMCB11--5)
Instrumental Music 12: Concert Band Wind Ensemble (MIMCB12--5)

**JAZZ BAND**
Music 9: Band Jazz (MMU--09JB1)
Instrumental Music: Jazz Band 10 (MMUJB10)
Instrumental Music 11: Jazz Band 11 (MIMJB11)
Instrumental Music 12: Jazz Band 12 (MIMJB12)
FINE ARTS—MUSIC
COMPOSITION & TECHNOLOGY

PIANO SKILLS 10
This course assumes that the student has little or no prior knowledge of playing the piano. Students will be taught in our Digital Music Technology Lab, using the Roland EM55 pianos. These keyboards are capable of reproducing the sounds of 3,600 instruments including: piano, organ, guitar, voices, ethnic sounds, orchestral strings, woodwinds, brass, and percussion.

Using the technology, students will create full, professional-sounding performances that include melody, harmony and rhythm. Student will record their playing onto floppy disk and ultimately transfer the recordings to CD format.

In Pop Piano, students will:
• Learn the principles and language of music
• Learn piano skills with an emphasis on right-hand (treble clef) melody note reading and left-hand “single fingered” accompaniment
• Learn the features of electronic piano keyboards and real-time digital recordings
• Practice and record their songs along with pre-recorded back-up bands
• Learn to create their own back-up tracks in many styles
• Practice in the privacy of their own keyboard station, listen on headphones

CONTEMPORARY MUSIC 10
PIANO SKILLS
(MMUCM10SC2)
Students DO NOT need to have a keyboard at home— ALL work will be done in class.

Further courses in Music Technology: MCT11 and MCT12

PIANO SKILLS 11 / 12
MCT classes are held in our Digital Music Technology Lab, using the Roland EM55 keyboards.

In order to explore the exciting world of digital music, the MCT courses cover three key components:

Music—the core of the MCT classes. NOTE: There is no previous piano skill required for this course. Students will enrich their piano skills and study the various musical structures in class. For those students who have piano skills (Gr. 3 or higher), we offer the Advanced MCT class.

Composition—which involves learning how to write and arrange songs. Using simple ideas, student will come up with their own renditions of songs.

Technology—used throughout the course, not only as a tool to learn music and recording music, creating MIDI files, burning music CDs, downloading music files from the Web, and performing music using an audio system.

In the MCT courses, students will:
• Learn basic piano keyboard skills and music reading
• Learn to play up to 100 styles of music from classics to today’s pop
• Use the keyboard to produce amazing back-up and karaoke tracks
• Produce in-class performances of digital music
• Learn to record music through multi-tracking, sequencing on the keyboard, as well as Minidisk and CD recording
• Download MIDI-files from the Web and turn them into sheet music
• Learn composition and arranging techniques
• Create sound effect stories and radio commercials
• Use a variety of technological tools to create and explore music

MUSIC: COMPOSITION & PRODUCTION 11/12
(MMUCP11 or MMUCP12)
Prerequisite: None
These courses are designed for students with little or no piano skills. Highly recommended as an additional course for Killarney music students.

Prerequisite:
Grade 3 or higher in piano studies
**FINE ARTS—MUSIC—CHOIR**

**CHOIR**

The Killarney Choral department offers students the exciting experience to learn to sing and perform in a large choral ensemble. All classes in the choral program will provide opportunity for students to:

- Acquire the knowledge and skill required to read and perform music in a traditional concert choir
- Develop superior musical and technical abilities as an individual and within an ensemble.
- Study and sign a wide variety of musical styles (classical, pop, Broadway, jazz, rock and contemporary)
- Perform with confidence and passion in public concerts and festivals
- Represent the school in retreats, workshops, clinics, exchanges, and performance tours (both national and international)

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**VOCAL JAZZ**

Vocal Jazz is an enrichment of the choral program and therefore, students must be enrolled in a Concert Choir Ensemble as well as Advanced Treble, Grade 10 Choir, Senior Choir and Chamber Choir. Course work includes the study and performance of various Jazz, Rock, Latin, Contemporary and Pop arrangements.

Students will also gain skills needed to understand and explore improvisation. Acceptance into this course is by audition only. Auditions are done in January each year for the following school year.
ALL STUDENTS MUST BE PREPARED TO TAKE PART IN EXTRA-CURRICULAR REHEARSALS AND PERFORMANCES AS THEY OCCUR IN ALL COURSES.

LEVEL—1—BEGINNER STRINGS
Prerequisite: None
No previous experience required
- Music 8 Strings Beginners (MMU–08ST1)
- Music 9 Strings Beginners (MMU–09ST1)
- Orchestra 10 Beginners (MMUOR10–1) *
- Instrumental Music 11: Orchestral Strings Beginners (MMUOR11–1)
- Instrumental Music 12: Orchestral Strings Beginners (MMUOR12–1)

LEVEL 2—JUNIOR STRINGS
Played in Elementary School or placement by Mr. Urquhart
- Music 8 Strings Advanced (MMU–08ST3)
- Music 9 Strings Junior (MMU–09ST3)
- Instrumental Music: Orchestra 10 Junior (MMUOR10–3)
- Instrumental Music 11: Orchestral Strings Junior (MMUOR11–3)
- Instrumental Music 12: Orchestral Strings Junior (MMUOR12–3)

LEVEL 3—INTERMEDIATE STRINGS
Move up from Level One or Two by placement from Mr. Urquhart
- Music 9 Strings Intermediate (MMU–09ST2)
- Instrumental Music: Orchestra 10 Intermediate (MMUOR10–2) *
- Instrumental Music 11: Orchestral Strings Intermediate (MMUOR11–2)
- Instrumental Music 12: Orchestral Strings Intermediate (MMUOR12–2)

LEVEL 4—SENIOR STRINGS
Move up from Level 2 or 3 by placement from Mr. Urquhart
- Music 9 Strings Senior (MMU–09ST4)
- Instrumental Music: Orchestra 10 Senior (MMUOR10–4)
- Instrumental Music 11: Orchestral Strings Senior (MMUOR11–4)
- Instrumental Music 12: Orchestral Strings Senior (MMUOR12–4)

LEVEL 5—HONOUR STRINGS
Move up from Level 4 only, by placement from Mr. Urquhart
- Music 9 Strings Honours (MMU–09ST5)
- Instrumental Music: Orchestra 10 Honours (MMUOR10–5) *
- Instrumental Music 11: Orchestral Strings Honours (MMUOR11–5)
- Instrumental Music 12: Orchestral Strings Honours (MMUOR12–5)

STRINGS
Killarney Strings is a highly acclaimed program dedicated the finest instruction, opportunities and experiences. Strings gives students the opportunity to learn and perform in a string orchestra. Students will learn:
- Technical knowledge to play a string instrument ie. Violin, Viola, Cello, Double bass.
- Skills to read and interpret music
- Teamwork skills to work as a group for superior performances
- Study many styles of music including the social contexts of the music
- Create and recognize artistry

***One Piano Player, Two Percussionists and Two Stage Managers are also accepted into each class. See Mr. Urquhart to find out if this is appropriate for you.

Killarney Strings performs locally, nationally and internationally. They have recently performed in Los Angeles, Disney Land, Montreal, Quebec City, Seattle, Victoria, and taken part in Music Monday, Kiwanis Festivals, and partnered with orchestras from around the world. The opportunities that come out of this program are limitless and amazing. The shared experiences with your classmates are some of the most memorable and powerful experiences of your high school career. Great music and great friendships lead to a wonderful and meaningful time in Killarney Strings.

There are five levels of strings: Beginner, Junior, Intermediate, Senior and Honour. See Mr. Urquhart for appropriate placement.

GUITAR
There is one guitar class offered for all levels from beginner to advanced. Open to all students Grade 9-12. This course will teach skills on the guitar including strumming, picking, chords, melodies.
- Music 9 Guitar (MMU–09GR1)
- Instrumental Music: Guitar 10 (MMUGT10)
- Instrumental Music 11: Guitar (MIMG–11)
- Instrumental Music 12: Guitar (MIMG–12)
HOME ECONOMICS

APPLIED SKILLS 8
Home Economics is one of three sections of Applied Skills. The Home Economics course is divided into two parts: Food Studies and Textiles.

In Food Studies, students develop skills in basic food preparation. Healthy eating habits, nutrition and safety are emphasized throughout the course. In Clothing and Textiles, students will learn to use a sewing machine safely. Students will create and keep a basic sewing project (e.g., fabric tote bag, apron, stuffed toy). Lab fee applies.

TEXTILES 10 (MTXT-10)
In this course, students will learn the basics of using commercial patterns and sewing techniques to sew projects for practical personal use. This may include pajamas, sweatshirts or fleece jackets, and more complicated garments; alongside smaller projects such as tote bags and textile craft pieces. The number of projects completed will depend on each student’s speed and commitment; most will complete 3-4 projects. In addition to a studio fee for basic supplies in class, students will be responsible for purchasing their own fabrics, patterns, and notions for each project.

TEXTILES 11 (MTXT-11)
This is an intermediate course in which students will have the opportunity to work with more challenging fabrics and patterns. Students will sew clothing such as shirts, blouses, jackets, pants, skirts, dresses, exercise wear, sleepwear and accessories. Students will use the sewing machine and serger. The number of projects varies from 3-5 depending on the student’s interest and skills. In addition to a studio fee for basic supplies in class, students will be responsible for purchasing their own fabrics, patterns, and notions for each project.

TEXTILES 12 (MTXT-12)
This is an advanced course in sewing and tailoring. Students are introduced to basic fashion design and in modifying commercial patterns to fit their own style. Students may proceed to creating their own patterns. At least 3 garments will be made, and depending on student’s sewing rate, more may be accomplished. Students will be encouraged to sew with more challenging fabrics and designs, including but not limited to, formal wear, casual wear, and accessories. In addition to a studio fee for basic supplies in class, students will be responsible for purchasing their own fabrics, patterns, and notions for each project.

BA FASHION CONSTRUCTION —ADVANCED 12 (YVHE-2D)
This course is for students who would like to take an additional year of Clothing & Textiles 12. In addition to a studio fee for basic supplies in class, students will be responsible for purchasing their own fabrics, patterns, and notions for each project.

ADST—FOOD STUDIES 10 (MFOOD10)
Prerequisite: None
Open to: Grades 9 and 10
This course will teach you to do more than survive in the kitchen. You will create tasty snacks and learn how to prepare the three major meals of the day: breakfast, lunch, and dinner. Food safety, sanitation and equipment skills will be included in lab work which together, with written assignments and tests, will make up the course mark. Lab fee applies.

FOOD STUDIES 11 (MFOOD11)
Prerequisite: Food Studies 10
Further develop your culinary skills by exploring different cultures and cuisines around the world. Course marks are determined by lab work, written assignments, projects and tests. Lab fee applies.

FOOD STUDIES 12 (MFOOD12)
Prerequisite: Food Studies 11
Refine your culinary skills and practice advanced techniques to create everything from fancy appetizers to decadent desserts. Cook with the seasons and learn about local foods, sustainability, global food issues and current culinary trends. This course is made up of labs, written assignments and projects. Lab fee applies.

CULINARY ARTS 12 (MCUL-12)
Prerequisite: Food Studies 12
This course is for students who would like to further challenge themselves in the culinary arts and take an additional year of Foods in their Grade 12 year. This course will focus on creating meals around special occasions, festivals and holidays around the world. This course is made up of labs, written assignments and projects. Lab fee applies.

Home Economics
Don’t leave school without it!
INTERPERSONAL AND FAMILY RELATIONSHIPS 11 (MIAFR11)
The goal of this course is to provide students a broad overview of interpersonal relationships, including friendships, family relationships, committed relationships and work relationships. Students will learn about themselves as an individual and learn how to communicate safely and effectively in interpersonal relationships. Students will also learn about the components of healthy and unhealthy relationships as well as factors involved in starting and ending relationships.

CHILD DEVELOPMENT AND CAREGIVING 12 (MCDAC12)
This course provides an in-depth study of human growth, behavior and development. Students will explore different theories of child development, caregiving styles and how and why theories change over time. Students will examine the issues challenging today's families and the cognitive, social, physical, emotional and psychological development of the individual within the family.

Topics include the student of effective communication skills, personal assessment, responsible decision-making, families of the past/present/future, child development and the life cycle from birth to death. Students will have the opportunity to mentor elementary school children on exciting projects and fun themes.

This is a great course for students who are interested in careers in childcare, health services and education.
### Course Outlines

#### INFORMATION TECHNOLOGY

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#### ADST—COMPUTER STUDIES 9/10 (MCSTU10)
Prerequisites: Math 8 and Science 8
This is an entry level course where students are given the opportunity to investigate a variety of areas in the Information Technology field. Topics include a combination of:
- Building/Fixing a computer
- Operating systems tips and tricks
- 3D Animation
- Programming Apps, Microbits, and Arduino
- Networking

Note: No prior experience is necessary. An ICTX course is a prerequisite for more specialized ICT courses at higher levels.

#### COMPUTER HARDWARE & SOFTWARE 10 (YCAIS0B)
Prerequisites: Math 8
Gain the knowledge and experience you need to repair, upgrade or build your own computer. This is a hands-on class with many labs focusing on every part of a computer build. You will learn how to take apart and build computers. You will study every step involved in building a computer, from sourcing components and purchasing components, putting the system together, installing the drivers and testing the new system. You will also learn how to do cool things in Windows.

#### Hardware 12 (XAT—12)
Prerequisites: Hardware 10 or Math 11
Students will learn how to repair, build and troubleshoot computers while preparing for the A+ certification exams. This is an advanced Computer Hardware class which will prepare them to pass these internationally recognized exams. They will be able to install RAM, hard drives, power supplies and motherboards.

In addition, they will learn how to properly maintain their computers to avoid malware attacks, recover data and restore to a prior system state. Furthermore, they will be able to source components, configure and build a computer based on system requirements. Students will construct a SOHO network.

In doing so, they will learn how to set up a router, have the computers interact with each other, as well as share services and devices. Lab activities are an essential component of the course. Students having hands-on experience with the hardware and software will impact their understanding and troubleshooting abilities. This course is part of the CISCO District IT program.

#### ADST: COMPUTER INFORMATION SYSTEMS 12 (ANIMATION 12) (MCINF12)
Prerequisite: Animation 11
Vancouver is one of the top three cities for digital animation with over 60 studios. Why wait to begin your animation career? Start creating your portfolio now. Students will expand upon their knowledge of 3D animation. They will create short movies, their own characters and rigs. Students will be able to submit their portfolios for scholarships.

#### ICT: COMPUTER PROGRAMMING 11 (MCMPR11)
Prerequisites: Math 10 or Computer Studies 10
Learn how to create a website like Reddit or Facebook. You do not need to have any prior experience in programming. The skills that are covered in this course can be transferred to a large variety of different types of jobs. You will learn the basics of HTML, CSS, Javascript, PHP and MySQL (database).

#### COMPUTER SCIENCE 11 (MMACS11)
Prerequisite: Math 10 or Computer Studies 10
Introduction to Computer Science. No previous programming abilities are required. Topics that will be covered are:
- Introduction to Artificial Intelligence
- Algorithms
- Creating functions
- Arrays

#### COMPUTER SCIENCE 12 (MMACS12)
Prerequisite: Computer Science 11 or Programming 11.
Discover how to write better code and do more things with it, like cryptography, file manipulation, and create images with code.

#### ICT: COMPUTER PROGRAMMING 12 (MCMPR12)
Prerequisite: Computer Science 12
This course will cover an industry standard programming language that is being used at the post-secondary level and the Information Technology field. This course will focus on more advanced topics in Computer Science. Learn the basics of Artificial Intelligence and Machine Learning! You will learn how to get a program where the computer will figure out how to identify images correctly on its own!
ADST – ROBOTICS 11  
(MTROB11)  
Pre-requisites: Minimum 73% in both Math 10 and Science 10. MCMPR11 or MMACS11 is a pre-requisite or co-requisite course.

Design and build your own competitive robot.
No prior experience necessary. Concepts from Physics, Programming and Engineering are blended together to create a functional robot. Creativity, teamwork, project development and communication are also necessary.


BA LINUX 12  
(YCAIS2H)  
Pre-Requisite: Info Tech10 or any Math 10 course  
Learn how to become a systems administrator to the world’s most popular and diverse operating system for servers. Linux is freeware, allowing users to customize their own versions and distribute it to anyone. In this course you’ll learn how to create users, share directories, restrict access to users, bash scripting, and security. Learn how to hack or protect your system from getting hacked. Other topics will include setting up web servers, security, regular expressions, creating your own commands and how countries using technology to attack each other.

NOTE: On average, IT professionals who are able to use Linux, earn more than those who don’t.
Networking Academy Program is a one year cohort program offered to students in Grade 12 on Day 2 at Killarney Secondary School that allows students to save about $1700 and get credit for BCIT courses. The program consists of the following courses:

- Hardware
- Linux
- Programming
- Networking

BA CISCO NETWORK MANAGEMENT 11 (YCAIS1C)
Prerequisite: Math 10
Learn the basics of cybersecurity and networking. There will be hands on labs, where you will set up networks and use some hacking software to create better protected systems. You will be able to access another person’s computer and make changes to them, with or without them being able to see you do it. You will make your own Ethernet cables and use them to set up and test networks. Networking 11 content covers the hardware, software and protocols required to operate in today’s networks. There is a lab fee required to cover the hardware such as cabling and connectors.

BA CISCO NETWORK MANAGEMENT 12 (YCAIS2F)
Prerequisite: Networking 11
Networking 12 builds upon the curriculum covered in Networking 11 to further develop a student’s understanding of digital communication. Networking 12 covers routing protocols, switching technologies, VLANs, WAN protocols such as ISDN and frame relay. Networking 11 is a prerequisite and it is recommended that the student complete Math 11 before entering this course. The completion of Networking 11 and Networking 12 may lead to the international networking standard Cisco Certified Network Associate (CCNA) Certification. There is a lab fee required to cover hardware such as cabling and connectors.
PREAMBLE
Mathematics is an integral part of human experience and is a necessary requirement for all citizens to function productively in society. Also important is the human satisfaction that arises from an understanding of mathematics as an extension of the concrete world. For these reasons, mathematics is an important component of education and, as such, it should be the right of every student to receive mathematics instruction appropriate to his or her needs and abilities.

Students are asked to demonstrate conceptual understanding concretely, pictorially and symbolically using the mathematical processes of communicating, connecting, mental math estimation, problem-solving, reasoning, technology and visualization.

GOALS
The goals of our mathematics program at Killarney are consistent with those set forth by the Ministry of Education. These are that the curriculum will provide:

- The mathematics necessary to function in society;
- The mathematics necessary to engage in life-long learning;
- The mathematics necessary to pursue further formal study in mathematically related areas;
- The opportunity to develop skills in logical analysis and to present problem solutions in a clear and precise manner.

COURSE SELECTION
Killarney’s Mathematics Department offers a variety of courses designed to meet the needs of all students. You will be assisted by your present mathematics teacher in choosing appropriate mathematics courses for the following year. Ask your mathematics teacher if you have any concerns about your choice of the courses available.

In selecting your courses in mathematics, remember the following:
Your choices should be appropriate for your long-range goals and realistic in relation to your present level of achievement. Placement in an honours section is subject to approval by the mathematics department.

CALCULATORS
The mathematics curriculum of B.C. is designed to enable students to make use of calculators in the development of their understanding of concepts and in problem solving. Each student is required to have his or her own calculator. No calculators are used in Grade 8 and most of Grade 9. The school has limited supply of (graphing) calculators for in class use.
GRADe 8
Students entering Grade 8 at Killarney are placed in one of two groupings based upon the recommendation of their grade 7 teacher and results obtained on placement testing that occurs in September of each year.

NUMeracy 8
(MMA--08CO1)
Numeracy 8 is a course that is available for only Grade 8 students who could use some time strengthening the fundamental skills to be successful in high school math. After completion of this course and depending on the skills the student has mastered, they will either go into Math 8 or Math 9 in the following school year.

MATH 8
(MMA--08)
This course is designed for the majority of students in Grade 8—those with a record of satisfactory/good achievement in elementary school mathematics. This course is designed for the majority of students in Grade 8—those with a record of satisfactory/good achievement in elementary school mathematics.

MATH 9
(MMA--09)
Prerequisite: Successful completion of Math 8 with a teacher recommendation. This course is designed for the majority of students in Grade 9.

MATH 9 HONOURS
(MMA--09ACC)
Prerequisite: Math 8 Honours or a strong recommendation from a Math teacher. This course is designed for students with a strong Mathematics background and are comfortable with most of the topics in Math 9. This course is an accelerated course that covers topics in both Math 9 and Foundations & Pre-Calculus 10. At the end of the course, students may be ready to write the provincial exam for the Foundations & Pre-Calculus 10 course.

Math 10/11 Extended
By invitation only

Pre-Calculus
Foundations of Mathematics
Workplace/Apprenticeship Mathematics

It is important that students choose their options carefully, ensuring that it is realistic in relations to their present level of achievement and interests, as well as their long-range post-secondary goals. Students can take one or more of the Grade 11 math courses during the same year.

Successful completion of one of these courses at the “11” level is required for graduation.
Course Outlines

**MATHEMATICS**

**GRADE 11**

**PRE-CALCULUS**

is an option designed for students whose post-secondary goals might include the study of Calculus. It is a requirement for entry to all science and engineering programs. Most universities require Pre-Calculus 11 as a general entrance requirement.

**FOUNDATIONS OF MATHEMATICS**

is an option designed for most students whose post-secondary goals do not include the study of Calculus or sciences. Some universities will accept Foundations of Mathematics at the grade 12 level for admission into non-science programs.

**APPRENTICESHIP AND THE WORKPLACE**

is an option designed to provide students with the Mathematical understanding and critical thinking skills identified for most apprenticeship programs and for direct entry into the workforce. (Please check with your counsellor or post-secondary institution for their entrance requirements)

**GRADE 11**

**FOUNDATIONS OF MATHEMATICS 11 (MFOM11)**

Prerequisite: Successful completion of Foundation & Pre-Calculus 10 (MFMP10)


**WORKPLACE MATHEMATICS 11 (MWPM-11)**

Prerequisite: Successful completion of Apprenticeship and the Workplace 10, OR Foundations & Pre-Calculus 10 with a teacher recommendation

Measurement: unit conversion (SI and Imperial), Algebra: surface area, volume, slope and rate of change, finance charges, proportional reasoning and unit analysis, Geometry: scale, triangles, model and draw 3-D objects and Statistics: interpreting graphs Number: numerical reasoning, financial math, and credit options

**GRADE 12**

**PRE-CALCULUS 12 (MPREC12)**

Prerequisite: Successful completion of Pre-Calculus 11

**FOUNDATIONS OF MATHEMATICS 12 (MFOM-12)**

Prerequisite: Successful completion of Foundations of Mathematics 11.

**APPRENTICESHIP MATHEMATICS 12 (MAPPR12)**

Prerequisite: Successful completion of any Math 11 course

**CALCULUS 12 (MCALC12)**

Prerequisite: Completion of Pre-calculus 11 with minimum B standing AND concurrent enrollment in Pre-Calculus 12 or completion of Pre-Calculus 12 with minimum C+ standing. This course is designed for students planning to enroll in Commerce, Science or Engineering programs at the post-secondary level. The course provides a thorough preparation for university calculus. Students may choose to write examinations that offer the opportunity of advanced placement and course credit at the university level.

**AP CALCULUS BC 12A (Prep Course) (ACAL-2A)**

The Advanced Placement (AP) Calculus course helps students to prepare for the AP Calculus AB exam (optional) that takes place in May 2015. Students who do well in the AP exam may earn credit for one of their first-year math courses in most universities. Topics that will be covered include properties of functions, limits, differential and integral calculus. It is recommended that interested students have at least 80% in Principles of Math 11. Students are required to take Principles of Math 12 concurrently.

**CALCULUS 12 INTRODUCTORY (MCALC12ADP)**

Prerequisite: Completion of Pre-calculus 11 with less than B standing AND concurrent enrollment in Pre-Calculus 12 or completion of Pre-Calculus 12

This preview course is designed for students who are planning to enroll in Arts, Commerce, Science, Engineering, or other programs at the post-secondary level and require First Year Calculus, but who may not wish to take the more rigorous course. Student would be learning topics covered in university calculus at an introductory level. Note: Students enrolled in this course will NOT get credit for the regular Calculus 12 course, but rather, a 2-IDS (Independent Study) credit course.
The aim of Modern Languages education is to develop communication skills and promote life-long learning and positive attitudes that encourage awareness and understanding of cultural diversity.

The Modern Languages curriculum is based on the Core Competencies with an emphasis on the Communication Competency. This approach encompasses language abilities that students need to impart and exchange information, experiences and ideas and to communicate in meaningful real-life situations. All courses balance the four language skills of listening, speaking, reading and writing with emphasis on communication over mastery. A cultural component involves using different learning styles from diverse cultures as well as exploring authentic francophone and aboriginal documents, literature, cinema, music and cuisine. Assessment includes formal and informal evaluation of language skills as well as self-reflection of individual progress.

The Killarney Modern Languages Department offers second languages (French, Spanish, Japanese) with curriculum designed for students with little or no previous knowledge or ability to speak that language. The second language class is not designed to meet the needs of those students who have learned a heritage language or acquired the target language in an immersion setting. Services for these levels are provided elsewhere.

**FRENCH 8**
(MFR—08)
Prerequisite: None
An introductory level course which offers basic French vocabulary and structures involving themes such as: personality and physical traits, friendships, hobbies and interests and travel. Students will be introduced to authentic documents used in the francophone world to familiarize them with the language and enable them to communicate at a basic level.

**FRENCH 9**
(MFR—09)
Prerequisite: FRENCH 8
This course continues the development of communication skills using and exploring real-life situations and experiences. Students will be encouraged to share opinions and ideas in situations involving pair and small group activities. This program’s grammatical concepts are associated with themes such as food, cultural excursions and music.

**FRENCH 9/10/11/12 HONOURS**
(MFR—09/10/11/12 ENR)
Offered in: Grades 9, 10, 11 and 12 Killarney has introduced enriched classes to meet the needs of students who demonstrate an aptitude for their new language in the regular courses. The courses are specifically geared to the linguistically gifted and enthusiastic student who will be expected to maintain at least a “B” standing progressing through the regular and enriched content course material at the accelerated pace while still remaining at grade level. These enriched courses require the recommendation of the Modern Languages Department Head.

**FRENCH 10**
(MFR—10)
Prerequisite: FRENCH 9
Learning situations are based around high interest themes such as friendship, movies, part-time jobs and shopping. Students will increase their level of communicative competence with a continued emphasis on oral skills.

**FRENCH 11**
(MFR—11)
Prerequisite: FRENCH 10
This senior level course is still based on communication with extended grammar and content areas in order to develop language in a more sophisticated manner. Students are encouraged to increase their abilities to communicate in French in context, to achieve positive attitudes about using French and to develop an understanding and appreciation of Francophone and Aboriginal culture. This course deals with a variety of themes including ethnic foods, childhood memories, advertising, stress and facing challenges.

**FRENCH 12**
(MFR—12)
Prerequisite: FRENCH 11
This advanced course extends the communication skills previously employed in French 8 through 11. Students work on expressing themselves clearly and correctly in both oral and written French using a variety of resources. Students are presented with a more varied and sophisticated vocabulary, advanced grammatical concepts as well as literature selections. The content of this course focuses on the ability to comment on relevant issues such as graduation, career planning and future goals in addition to providing cultural exposure to the arts, literature, cinema and travel.

**NOTE**: French 12 no longer has a provincial exam.

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**PEER COUNSELLING 12**
(XAT—11)
This course is taught by Ms. Nejad, Modern Languages Department Head and for lack of a better location, appears here in the Modern Languages section.

Peer Counselling 12 is an off-timetable course open to Grade 11/12 students only. The student will be placed with a Grade 8 academic or elective class of their choosing to assist and mentor the younger students, not just within the subject area but also in adapting to high school life.

Mentors will also be required to attend an after-school session once every 2-3 weeks.

You must apply in person to Ms. Nejad.
INTRODUCTORY JAPANESE 11 (MBJA-11)
Prerequisite: None
For students enrolled in Grades 9, 10, 11 or 12.
This introductory course is designed to give students a basic knowledge of the Japanese language. The course will help students develop fundamental skills in all four aspects (reading, writing, listening and speaking). The students will learn how to read and write both Hiragana and Katakana. They will also acquire knowledge of Japanese customs and culture. *Students enrolled in the Japanese program will have the opportunity to go on an exchange trip to Japan. The trip is offered every other year for about 10 days in late June to early July.

JAPANESE 11 (MJA-11)
Prerequisite: Introductory Japanese 11 or equivalent knowledge of the Japanese language. Japanese 11 is a continuation of the Introductory Japanese 11 course. The course is a basic second year/intermediate course where students will continue to develop their skills in all four aspects of the language through a variety of authentic language-learning activities. Some basic Kanji will be introduced, while students will be encouraged to become fluent in writing Hiragana and Katakana.

JAPANESE 12 (MJA-12)
Prerequisite: Japanese 11 or equivalent knowledge of the Japanese language. Students enrolled in Japanese 12 will study the language in more depth with an emphasis on more sophisticated vocabulary and grammatical concepts. Students will learn additional Kanji.

INTRODUCTORY SPANISH 11 (MBSP-11)
Prerequisite: None for Gr. 11 or 12 students (Grade 10 students, please see below)
This is an introductory course designed for motivated Grade 11 and 12 students with no previous knowledge of or ability to speak Spanish. This accelerated language program carries a heavy workload since it covers the content of Spanish 9 and 10 in one year. Successful completion of Beginner’s Spanish will allow the student to enroll in Spanish 11 the following year. The course will use the communicative / experiential approach to teach both oral and written skills and will also include a cultural component to highlight Spanish-speaking countries around the world.

When space permits, this course may also be open to certain Grade 10 students. Students entering Grade 10 may be enrolled in Beginner’s Spanish 11 with: C+ average or better in French 9; Teacher or counselor recommendation

SPANISH 11 (MSP-11)
Prerequisite: Introductory Spanish 11
This is a senior course for non-Spanish speakers who have completed Spanish 9 and 10 or Beginner’s Spanish 11. The course uses a variety of themes and cultural components to introduce language concepts with a communicative approach. Successful students will advance their level of communicative competence in all four language areas (listening, speaking, reading and writing) with an emphasis on oral proficiency.

SPANISH 12 * (MSP-12)
Prerequisite: Spanish 11
Spanish 12 is an academic course designed for motivated students with a genuine interest in Hispanic language and culture. This advanced senior course builds on previous knowledge (Spanish 9/10 or Beginner Spanish 11, Spanish 11) with a focus on oral communication, reading, listening, and writing. By the end of Spanish 12, students will be able to communicate comfortably in the past, present, and future time frames using complex structures and a variety of vocabulary.
PHYSICAL EDUCATION

PREAMBLE
P.E. is required for all students from Grade 8 to 10. Some P.E. classes from grades 8 to 12 are co-educational.

All students enrolled in P.E. are expected to participate in the following activities during the year:
- Square Dancing - Grades 8 to 12
- Ice Skating - Grades 8 to 12
- Cardio-vascular fitness development program - Grades 8 to 12
- Physical Fitness testing - Grades 8 to 10
- Indoor Track Meet events - Grades 8 to 10
- Swimming - Grades 8 to 12

Swimming is offered for all students in P.E. 8, 9 and 10 and the only students exempted are those with a current, valid medical certificate.

Proper gym strip (GREY T-SHIRT & BLACK SHORTS—which can be purchased from the PE teacher) is required of all students enrolled in Physical Education. Strip consists of a t-shirt, shorts and socks. Alternate strip such as sweatshirts will be acceptable but shirts imprinted with logos or pictures of rock bands, drugs, alcohol, cartoons, sex slogans, obscenities, etc. are not suitable attire and will not be permitted. Proper supportive running shoes are required. Socks are mandatory.

ACTIVE LIVING 11 BOYS
(MACLVL11B—)
Prerequisite: PE 10
The PE 11 Boys course will consist of a combination of lifetime sports, individual and team games. Minor units on active health, personal fitness. Leadership development will also be of focus. Based on student interest, field trip offerings may include yoga, indoor rock climbing, golf, skating, swimming, kayaking and bowling. Field trip fees will be paid by the students. Students selecting this full year course will meet their Daily Physical Activity in Grades 11 and 12.

ACTIVE LIVING 11 GIRLS
(MACLVL11G—)
Prerequisite: PE 10
The PE 11 Girls course provides an opportunity for a fun filled stress-free environment allowing students to participate in a wide variety of physical and leisure activities. The focus of PE11 Girls is for students to develop a positive attitude toward a healthy lifestyle and to decide to continually be physically active throughout their life. Students will participate in individual, team and recreational activities moving away from standardized fitness testing. As an enrichment to the curriculum, students and teachers will plan field trips throughout the year. Some possible field trips may include: yoga, indoor rock climbing, golf, skating, swimming, kayaking and bowling, resulting in field trip fees to be paid by the students. Students selecting this full year course will meet their Daily Physical Activity in Grades 11 and 12.

ACTIVE LIVING 12 GIRLS
(MACLVL12G—)
Prerequisite: PE 11 Girls The PE 12 Girls course is an extension and continuation of the PE 11 Girls program. Course description is similar to PE11 Girls program with enrichment to the curriculum and field trips throughout the year. There will be additional fees for field trips.

ACTIVE LIVING 12 BOYS
(MACLVL12B—)
Prerequisite: PE 11
The PE 12 Boys course will consist of a combination of lifetime sports, individual and team games. Minor units on active health, personal fitness. Leadership development will also be of focus. Based on student interest, field trip offerings may include yoga, indoor rock climbing, golf, skating, swimming, kayaking and bowling. Field trip fees will be paid by the students. Students selecting this full year course will meet their Daily Physical Activity in Grades 11 and 12.

LEADERSHIP 11
(YHRA-1A)
Prerequisite: A Leadership 11 application form must be filled out in order for the student to be considered into this course.

The Leadership and Recreation 11 course’s main focus is on providing services and leadership to the school and around the community. Students will be engaged in a variety of leadership pursuits and experiences as they engage in becoming and serving as role models for their school and community.

Students will learn the basic concepts of: leadership skills, public speaking, conflict resolution, planning and organization of school activities and events.

There will also be an active component to this class. Students will engage in some activities either in school or on field trips throughout the school year.

BA LEADERSHIP 12
(YHRA-2A)
Prerequisite: Above average academic standing is a prerequisite of this course. Leadership 11 can also be a prerequisite of this course but it is not necessary. Students who did not take Leadership 11 must fill out a Leadership 12 application form in order to be considered.

Leadership 12 is designed for students to further master the concepts of: leadership skills, group processes, leadership practice and planning, and organization of school activities and events.

Students will be provided with the opportunity to work with peers of diverse backgrounds and attitudes; to meet with leaders in the school and community and be involved in the decision-making process; and to become better citizens of both the school and community.

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PREAMBLE
The study of science requires the ability to use reasoning and analytical thinking for the solutions to problems. Through the completion of the science program, students are expected to develop higher order thinking skills such as analysis, synthesis and integration of concepts. The Core Competencies and Indigenous ways of knowing will be intertwined with the scientific concepts.

GOALS
The science program should provide opportunities for students to develop positive science attitudes. The science program should provide opportunities for students to develop the skills and processes of science. The science program should increase students’ scientific knowledge. The science program should provide opportunities for students to develop creative, critical and formal (i.e. abstract) thinking abilities.

SCIENCE 8 (MSC-08)
Prerequisite: None

BIOLOGY
- Characteristics of life
- How microorganisms such as viruses, bacteria and protists affect our life and how our immune system protects us against them
- The impacts of epidemics and pandemics on humans

CHEMISTRY
- The atom and subatomic particles
- Types and effects of electromagnetic radiation

LIGHT
- Properties, behaviors and ways of sensing light

GEOLOGY
- Plate tectonics, layers of the Earth and how they cause major geological events.

SCIENCE 10 (MSC--10)
Prerequisite: Science 9

LIFE SCIENCES
- Genetics and patterns of inheritance
- How DNA and mutations drive changes in species
- Artificial and Natural Selection

PHYSICAL SCIENCES
- Chemical reactions
- Energy transformations: globally and locally
- Nuclear energy and radiation
- Astronomy
- The formation of the universe.

SCIENCE FOR CITIZENS 11 (MSCCT11)
Prerequisite: The successful completion of Science 10 and on the recommendation of Grade 10 Science Teacher and/or Counsellor.

Science and the Citizen focuses on real world science, exciting laboratory experiments and interesting classroom activities. Students will learn about the science that impacts them in their day to day lives and have opportunities for hands on exploration of the concepts. The topics covered include:
- Home Science (health, medicines, and human biology)
- Workplace Science (practical chemistry labs and forensic science investigations)
- Global Science (extreme weather, natural disasters and environmentalism)

CHEMISTRY 11 (MCH--11)
Prerequisite: Science 10, Math 11 is either to be taken concurrently; or it has been completed successfully.

Chemistry 11 will explore numerous topics in Chemistry with an emphasis on applications and implications to society, health, and the environment.

Core Topics include:
- Safety
- Measurement (significant figures, scientific notation, uncertainty
- The Mole
- Atoms and Molecules (matter, model of the atom, electron configuration, periodic table, chemical bonding)
- Chemical Reactions (equations, stoichiometric calculations, applications and implications)
- Solution Chemistry (dissociation, properties, concentration, applications and implications)
- Organic Chemistry

LIFE SCIENCES 11 (MLFSC11)
Prerequisite: Completion of Science 10. Life Sciences 11 gives the student an overview of the living world around them. It begins with the fundamental unit of life, the cell, and goes through the process of how single celled organisms have developed into the diversity of life that surrounds us. First Peoples Knowledge will be explored in such units as the application of plant use. This course is a useful introduction to first year biology in university.

Characteristics of Living Things
- cells are the basic unit of life:
  - Viruses

Process of Evolution
- The development of the theory of evolution
  - evolutionary change
  - speciation
  - trends in complexity across the three Domains and six Kingdoms

Taxonomy
- taxonomy principles for classifying organisms:
  - unifying characteristics across the three Domains and the 6 kingdoms

Plant Biology
- Diversity and evolution; structure, life cycles and ecology of representative green algae, conifers, flowering plants; human plant interactions

Animal Biology
- Diversity and evolution; structure, life cycles and ecology of representative (invertebrate and vertebrate species), human-animal interactions.
- This is an academic elective and is designed to prepare students for university.
ANATOMY & PHYSIOLOGY 12
(MATPH12)
Prerequisite: Biology 11
Biology 12 is a course designed for students that are thinking about studying science at a higher level. Therefore, in addition work required for assignments and tests, students must be prepared to spend 1 to 2 hours per week outside of class time reviewing material and/or doing practice questions.

- Cell Biology: cell compounds, ultra structures, ultra processes, cancer
- Human Biology: structure/function and disorders of digestion, circulation, blood and immunity, respiratory, excretory, endocrine, nervous, and reproductive systems.

CHEMISTRY 12
(MCH–12)
Pre-requisites: Science 10 & Math 11:
To be taken concurrently; or has been completed successfully previously

Students with a final standing below C+ in Chemistry 11 are strongly advised NOT to enroll in this course. Chemistry 12 is a course designed for students that are contemplating studying science after highschool. Therefore, in addition work required for assignments and tests, students must be prepared to spend 1 to 2 hours per week outside of class time reviewing material and/or doing practice questions.

Core topics include:
- Reaction Kinetics (Collision Theory, factors affecting rate, mechanisms)
- Equilibrium (characteristics of equilibrium, Le Chatelier's Principle, Application of Keq)
- Solubility of Ionic Substances (solubility rules, Ksp, Qualitative Analysis)
- Acids-bases (Bronstad-Lowry Definition, Ka, Kb, Buffers

PHYSICS 11
(MPH–11)
Prerequisite: Science 10 & Math 11 is either to be taken concurrently; or it has been completed successfully.

Physics 11 is intended as an introduction to the scope, nature, and relevance of physics. Planning and conduction experiments, graphing, global applications and skepticism will be common threads throughout each unit. The four main areas of study are:

- Kinematics in 1D: Position, velocity, acceleration, uniform motion, uniform acceleration, projectile motion.
- Dynamics: Newton's Laws, gravity, friction, springs.
- Momentum: Momentum and Impulse, conservation of momentum, collisions and explosions.
- Energy: work; kinematic, potential and thermal energy; conservation of energy; power and efficiency.

Additional topics may include: Waves, Optics, particle physics, relativity.

PHYSICS 12
(MPH–12)
Prerequisites:

Physics 11 Students with a final standing below C+ in the prerequisite course are strongly advised NOT to enroll in this course.

Math 12 is either to be taken concurrently; or it has been completed successfully previously.

The Physics 12 course concentrates on basic areas that are essential for studies in physics or applied science (i.e. engineering, mechanics and electromagnetism).

The main topics will be:
- vectors
- motion in two dimensions
- universal gravitation
- charges and currents
- electromagnetism.
PREAMBLE
Secondary school graduation requires the successful completion of Social Studies 8 and 9 and 10. In addition, the new graduation requirements for grade 10–12 include a Social Studies 11 or 12 (4 credits).

The main purpose of the Social Studies curriculum is to develop graduates who have the knowledge, skills, and competencies to be active, informed citizens. A focus on historical thinking skills will be part of all Social Studies courses. This includes an examination of: historical significance, evidence, continuity and change, cause and consequence, historical perspectives and ethical judgments. As well, Indigenous Peoples history, culture and perspectives are embedded throughout all grades.

SOCIAL STUDIES 8 (MSS–08)
Prerequisite: Grade 7 Completion
Social Studies 8 builds and expands upon the geography skills and history studied in elementary school. Students will learn to use Social Studies inquiry processes and skills and to assess the significance of events in the past and their short-and long-term consequences. Current Event issues will provide an opportunity to think critically and to promote debate and discussion in the classroom.

CONTENT OVERVIEW:
• Years covered: 7th Century to 1750
• Social, political, and economic systems and structures
• Scientific and technological innovations
• Philosophical and cultural shifts
• Resources, ideas, arts, and culture exchanged between and among different civilizations
• Exploration, expansion, and colonization
• Changes in population and living standards

SOCIAL STUDIES 10 (MSS–10)
Prerequisite: Socials 9
Canada and the World: 1919 to the Present
Social Studies 10 will investigate global and regional conflicts, the development of political institutions, and the worldviews and historical and contemporary injustices which effect the Canadian identity.

Content overview:
• The development, structure, and function of Canadian and other political institutions, including First Peoples governance
• Political and economic ideologies and the development of public policy
• Changing conceptions of identity in Canada
• Canadian autonomy
• Domestic conflict and co-operation
• Discriminatory policies and injustices in Canada and the world, such as the Head Tax, the Komagata Maru incident, residential schools, and internments
• International conflicts and co-operation
• Human–environment interaction
• Economic development and Canada’s role in a global economy
• Truth and reconciliation in Canada

SENIOR TRANSITIONAL
SOCIAL STUDIES 10 (XLDCE10SSST)
Prerequisite: Level 3 ELL For students entering Grade 10-12, Transitional Social Studies will cover the content of Socials 10 with adaptations for ELL Learners. Successful completion will give credit towards Social Studies 10.

All of the following courses will count towards a Senior Social Studies credit for graduation:

EXPLORATIONs IN SOCIAL STUDIES 11 (MEPSS11)
(Not the same as former Social Studies 11)
Prerequisite: Social Studies 10

This course is designed to be a Social Studies survey course of the Big Ideas for Social Studies taken from Grade 12 courses. Social Studies 11: Explorations is not a replacement of Social Studies 11 and may be taken along with other senior grade 11 or 12 Socials courses as it will cover different content. This course will count towards the new graduation requirements as a “junior socials elective” that all students need to graduate but will not count for post-secondary grade 12 acceptance requirements.

Social Studies 11: Explorations will cover the key Social Studies skills of inquiry, significance, evidence, continuity and change, cause and consequence, perspectives and ethical judgements. Throughout the year students will explore several varied themes which will include:

SEE NEXT COLUMN}
COMPARATIVE CULTURES 12
(MCMCL12)
(Formerly Comparative Civilizations 12)
Prerequisite: Social Studies 10
This course will examine various ancient civilizations throughout the world and their contributions to our collective human experience and world history. Students will carefully study and compare various past and contemporary cultures and civilizations by analyzing political, social, economic and cultural structures.

Topics covered include, but are not limited to: China, Egypt, Ancient Rome, the Aztecs, the Maya, the Inca, India, Islam, Ancient Greece, and many others. Critical thinking and understanding will be emphasized.

Course content:
- Foundations of Civilizations
- Legends and Military Exploits
- Culture and Art
- Culture and Values

Goals:
- Generate ideas and process information about cultures from a variety of sources
- Demonstrate an understanding of the concepts of civilization and culture
- Describe the relationship between natural environments and the development of civilizations
- Describe ways in which art reflects and influences society.
- Demonstrate an understanding of different value systems from different cultural perspectives

PHYSICAL GEOGRAPHY 12
(MPGEO12)
(Formerly Geography 12)
Prerequisite: Social Studies 10
Students will look at a variety of data and develop geographic skills to better understand our globally connected world. In particular, how natural processes have an impact on the landscape and human settlement and how interactions between human activities and their environment affect the earth locally and globally.

Topics include:
- the atmosphere, hydrosphere, cryosphere, lithosphere, and anthroposphere
- plate tectonics
- processes of gradation
- natural disasters
- climate and weather
- characteristics of global biomes, including climate, soil, and vegetation
- natural resources and sustainability
- the effects of humans of all of the above

Selected case studies of economic development and current problems are used to develop geographic skills and concepts. Several field studies are a component of this course.

20th CENTURY WORLD HISTORY 12
(MWH-12)
(Formerly History 12)
Prerequisite: Social Studies 10
20th Century History 12 will cover social, economic and political changes in the 20th century. This will include movements, conflicts and the development of technologies which led to the breakdown of long standing empires and created new economic and political systems.

The course will require student to know:
- global conflicts, including World War I, World War II, and the Cold War
- authoritarian regimes
- civil wars, independence movements, and revolutions
- human rights and movements including indigenous rights
- religious, ethnic, and/or cultural conflicts, including genocide
- migrations, movements, and territorial boundaries
- interdependence and international co-operation
- social and cultural developments communication and transportation technologies

The course will also require students to:
- Use historical inquiry processes
- Assess the significance of people and events
- Assess historical evidence
- Compare and contrast continuities and changes
- Assess causes and consequences
- Explain different perspectives
- Make reasoned ethical judgements.

SOCIAL JUSTICE 12
(MSJ-12)
Prerequisite: Social Studies 10
The aim of Social Justice 12 is to raise students' awareness of social injustice and to analyze situations from a social justice perspective. Social Justice 12 provides students opportunities to challenge their beliefs and values through reflection, discussion, and critical analysis.

The goals of Social Justice 12 are to enable students to:
- Acquire knowledge that allows them to recognize and understand the causes of injustice.
- Apply critical thinking and ethical reasoning skills to various issues
- Develop an understanding of what it means to act in a socially just manner
- Become a responsible agent of change, making positive contributions toward a socially just world.
CONTEMPORARY INDIGENOUS STUDIES 12
(MINST12)
Prerequisite: Social Studies 10

Contemporary Indigenous Studies 12 explores the varied identities, experiences, and worldviews of Indigenous peoples in Canada and around the world, emphasizing the importance of the interconnection of family, relationships, language, culture, and the land. Factors that sustain and challenge the identities and worldviews of Indigenous peoples are considered in light of their resilience and survival in the face of colonialism. Self-determination, community development, partnerships, and control of economic opportunities are highlighted as responses to inequities in the relationships of Indigenous peoples with governments. Reconciliation functions as the foundation of this course, positioned as a transformative practice that requires all members of a society to work together to foster healing and address injustices.

Students will learn through a variety of sources, including films, guest speakers, field trips, student projects, and selected readings.

PHILOSOPHY 12
(MPHIL12)
Prerequisite: Socials 10

Philosophy is a discipline that examines the fundamental nature of knowledge, reality, and existence. Philosophy provides tools for investigating meaning and fostering understanding of different ways of thinking. Examining questions in philosophy allows people to question their assumptions and better understand their own beliefs.

Course Content:
- methods of reasoning and argument in philosophy
- metaphysical theories about the nature of reality
- epistemological theories about knowledge and truth
- social and political philosophy
- theories of morality, ethics, and aesthetics

The course will also require students to:
- Use philosophical inquiry processes
- Assess the significance of philosophical ideas
- Assess philosophical evidence and arguments
- Compare and contrast continuities and changes of ideas
- Assess causes and consequences of systems of thought
- Explain different philosophical perspectives
- Make reasoned ethical judgments
Here’s a question: Which career averages a six figure salary while guaranteeing employers across the country will climb all over each other to hire you? If you answered skilled trades, pat yourself on the back for getting something right that most Canadians tend to get wrong. Despite many misconceptions, careers in the skilled trades for electricians, welders, construction, auto mechanics, and scores of other choices, are lucrative, in demand and provide some of the steadiest and most satisfying employment available. While many university graduates are facing huge debt, low pay or unemployment, students going into a trade are often hired by employers before they have finished their training.

Does this sound like something you might like to find out more about? If so, you can come to Killarney on Day 2’s throughout the year and try different trade courses to see which one interests you the most. If you will be in Grade 11 next year, you can take Metalwork / Welding 11, Auto 11, and Drafting / Engineering all in one day to see if working in trades might be right for you. Contact your counselor for more information on how to sign up right away and begin your path to an exciting future.
TECHNICAL STUDIES

ADST—POWER TECHNOLOGY 10
(MTPW10)
(No prerequisite)
This co ed course has been designed to give students exposure to to-
days technology. Students will gain an awareness of various transpor-
tation and power systems. Machines, cordless and hand tools will be
used to build the projects in the course. As a future driver and car owner, this course will teach students the founda-
tions of car maintenance and repair. Emphasis will be placed on the
student working "hands on" with cars. Students will learn both theo-
ry and practical aspects of the following:
- Automotive tools
- Preventative maintenance
- Cooling and lubrication systems
- Brakes
- Tires and wheels
- Engine design
- Stereo and electronic theory
- Suspension and steering

AUTOMOTIVE TECHNOLOGY 11
(MTAVA11)
(No prerequisite)
Auto Mechanics 11 is an introductory course designed to provide both
boys and girls with a general overview of todays automobile. As a fu-
ture driver and car owner, this course will teach students the founda-
tions of car maintenance and repair. Emphasis will be placed on the
student working "hands on" with cars. Students will learn both theo-
ry and practical aspects of the following:
- Small Gasoline engines
- Air rockets
- Scale model CO2 dragster cars
- Catapults
- Mouse trap racer
- Bicycle mechanics/ maintenance

AUTOMOTIVE TECHNOLOGY 12
(MTAVA12)
(No prerequisite)
This course will focus on actual work on cars.

CARPENTRY AND JOINERY 11
(MWWK-11)
PREREQUISITE: NONE (A fee may be charged for this course.)
This course is a level 2 woodworking course intended to build upon
skills learned in Technology 10 Woodwork. Students will build teacher
selected projects using hand and power tools. The major areas of
learning will be in Joinery, assembly drawings, finishing, hand tool
maintenance, and the safe and proper use of power tools. There will
also be a self-directed component to this course involving a student
selected project.

CARPENTRY AND JOINERY 12
(MWWK-12)
PREREQUISITE: Carpentry and Joinery 11
(A fee may be charged for this course.)
This is a senior woodworking class and a continuation of Carpentry
and Joinery 11 with students designing and building projects of their
choice. The course is designed for students with above average
woodworking skills and the ability to work independently.

AUTOMOTIVE TECHNOLOGY 11
(MTAVA11)
(No prerequisite)
Adst Technology 10 is an introductory course designed to provide both
boys and girls with a general overview of todays automobile. As a fu-
ture driver and car owner, this course will teach students the founda-
tions of car maintenance and repair. Emphasis will be placed on the
student working "hands on" with cars. Students will learn both theo-
ry and practical aspects of the following:
- Automotive tools
- Preventative maintenance
- Cooling and lubrication systems
- Brakes
- Tires and wheels
- Engine design
- Stereo and electronic theory
- Suspension and steering

FURNITURE and CABINETRY 12
(MTFA12)
PREREQUISITE: NONE (A fee may be charged for this course.)
This is a level 2 course designed to build and expand upon the skills
learned in Level 1. Students will build teacher selected projects using
hand and power tools. The major areas of learning will be in Joinery,
assembly drawings, finishing, hand tool maintenance, and the safe
and proper use of power tools. Projects will consist of a variety of
teacher selected activities but there will also be a self-directed compo-
nent to this course involving a student selected project.
ADST—ELECTRONICS & ROBOTICS 10 (Tech Ed. 9/10: Electronics) (MTEAR10)
No Prerequisite: Although there is no prerequisite to this course, completion of the Technology 8 Program is recommended.

Course Objective:
When you have completed this course, you will be able to:
- Demonstrate basic safety procedures designed to protect you and your test equipment.
- Use schematic diagrams as a guide, construct DC circuits with components such as resistors, relays, switches, lamps, batteries, capacitors, and integrated circuits.
- Projects: Building gaming and robotic projects

The student has the option of choosing his own project or doing an assigned project (i.e., car/home alarm, mini robots, iPod amps)

ELECTRONICS 11 (MTELE11)
Prerequisite: None

Course Objectives:
- Recognize the need to develop safe work habits
- Construct printed circuit boards
- Explain how diodes, transistors, SCR’s, etc. operate
- Basically describe how these semiconductor devices are constructed
- Handle diodes, transistors, integrated circuits, properly without burning them out or damaging them with improper handling procedures.
- Recognize the most commonly used semiconductor packages
- Recognize the schematic symbols that are used to represent a wide variety of semiconductors devices
- Test various diodes, transistors, SCR’s etc., to determine if they are functioning properly.

Course Structure:
Program goals are achieved by practical experiments & building of projects such as:
- Stereo Light Display
- Home/Car Alarm
- iPod amps
- Digital Dice Game
- Traffic Light Controller
- Car Sub-woofers amplifier
- Robots

The student has the option of choosing his own project or doing an assigned project.

ELECTRONICS 12 (MTELE12)
Prerequisites: Electronics 11A
Note: Electronics 12A is required for the Electronics Career Preparation Course.

Course Objectives:
- Recognize the need to develop safe work habits
- Identify basic transistor, common emitter, amplifier circuits, and describe their operation
- Identify and explain the operation of power supply rectifiers, filters, and regulation circuits using zener diodes, transistors and 741 op. amp.
- Discuss the basic principles of oscillation (tank circuit).
- Explain amplitude and frequency modulation, the heterodyne principle, and modulation and detection circuits (radio transmitter and receivers).
- Learn how to trouble shoot electronic circuits.
- Learn to draw schematic diagrams on a computer.

Course Structure:
Program goals are achieved by practical experiments and the building of projects such as:
- Hi Power car/home amplifier
- Amplifier speaker system
- Surround Sound Decoder
- Proximity Detector Alarm
- Digital Stereo Simulator
- Electronic clock timer/stereo timer
- Intra-red remote control robotics
- Strobe lights

The student has the option of choosing his own projects or doing an assigned project.
ADST—MEDIA DESIGN 10
(MMEDD10)
Prerequisites: None
Graphic Communications 10 is an introductory commercial design course that covers concept development, design layout, typography, image manipulation, digital photography and digital illustration. Work is done on Apple iMacs using Adobe Photoshop and Illustrator. Students will begin to gain design fluency by using numerous tools to create and design projects such as posters, buttons, decals, logos, smart phone cases, t-shirts and coffee mugs.

MEDIA DESIGN 11
(MMEDD11)
Prerequisites: None
Media Design 11 is an intermediary to advanced commercial design-based course that covers concept development, design layout, typography, photography, traditional, multi-page publications and digital illustration. Work is done on Apple iMacs with Adobe Photoshop, InDesign and Illustrator. Students will learn to apply professional design techniques and expand their tool fluency and overall skills set. Students will employ advanced knowledge of photography principals and image manipulation.

MEDIA DESIGN 12
(MMEDD12)
Prerequisites: Graphics 10 / 11
Media Design 12 is an advanced commercial design-based course that focuses on professional tool techniques and output methods for vinyl cutting, digital illustration, graphic design, photographic manipulation, compositional artwork, concept development, storyboarding, and multi-page publications. This course is essential for students preparing creative portfolios for post secondary institutions. Work is done on Apple iMacs with Adobe Illustrator, Photoshop, LightRoom and InDesign. Previous Graphics or Photography experience is recommended.

ADST—DRAFTING 10
(MTDRF10)
Prerequisites: None
Drafting 10 is an introductory course to basic drafting principles and techniques, architectural drafting, 3D design and product modelling. Students will work in Google SketchUP Pro. Students will learn to navigate 3D spaces and use various tools in a 2D computer program to create 3D models that can be used in the real world for prototypes, blueprints, production and 3D model design. Projects range from architectural design to producing a wide range of commercial design models.

ADST—DRAFTING 11
(MTDRF11)
Prerequisites: None
Drafting 11 is a course that builds on the basic tools used in Drafting 10. Students will learn to create advanced models, apply materials, plan architectural systems and learn about engineering methods and constructions planning. Students will work in Google SketchUP Pro. Students will create 3D models that can be used in the real world for planning, blueprints, production and prototype design. Projects range from architectural design to producing a wide range of commercial models.

ADST—DRAFTING 12
(MTDRF12)
Prerequisites: Drafting 10 or 11
Drafting 12 is a course that builds on the tools and techniques learned in Drafting 10. Students will work on concept designs, plan architectural systems and learn how the engineering process and constructions planning phase begins. Students work in Google SketchUP Pro. Students are encouraged to incorporate self-directed projects to create advanced models that they can translate into real projects.
Yearbook 10 (YCCT-0C)
Prerequisites: Graphics 10 (concurrently or previous)
YearBook 10 provides an introduction to an exciting and action packed course. Students will be part of a creative and energetic team. Students will explore layout and design, digital photography, journalism, desktop publishing, marketing, business development, 4K video production and sales promotions. Students use Adobe Photoshop, Illustrator, InDesign, Lightroom and Premier. YearBook is a resume building course that provides students with real world skills which translate to well paying and highly creative jobs.

Yearbook 11 (YCCT-1C)
Prerequisites: Graphics 10 / Yearbook 10 (concurrently or previous)
In YearBook 11 students will learn advanced techniques to further explore layout and design, digital photography, journalism, desktop publishing, marketing, business development, 4K video production and sales promotions. YearBook provides students with real world production skills which translates to well paying and highly creative jobs. Students use Adobe Photoshop, Illustrator, InDesign, Lightroom and Premier. Senior YearBook students take on greater responsibility as team leaders, co-editors and lead photographers. Students will gain access to professional mentorship opportunities via Killarney’s special working relationship with the Artona Group and Friesens Canada.

Yearbook 12 (YCCT-2C)
Prerequisites: Graphics 10/11 or Yearbook 10/11
In YearBook 12 students will master professional production techniques to master layout and design to create a professional publication. Students will work towards professional competency in digital design, digital photography, illustration, journalism, desktop publishing, marketing, web design, business development, 4K video production and sales promotions. YearBook is a launchpad course that provides students with real world skills that translate to well paying and highly creative jobs. Students use Adobe Photoshop, Illustrator, InDesign, Lightroom and Premier. Senior YearBook students take on greater responsibility as editors, lead designers and photographers. Students will have opportunities to use a full frame professional mirrorless camera system for creating dazzling photography and 4K video content. Students access opportunities for mentorship, scholarship and employment opportunities via Killarney’s working relationships with the Artona Group and Friesens Canada.
ADST—METALWORK 9/10  
(MTMET10)  
This enjoyable course is open to all Grade 9 and 10 students who are beginners to machinery and metalwork. You will have an opportunity to cast a sterling silver ring, as well as use your creative talents to fabricate unique metal projects using different types of welding. You will receive help and encouragement to develop your talents in designing projects, using your creativity, manual skills and the use of machinery.

ADST METALWORK 11  
(MTMET11)  
No prerequisite required. Open to creative individuals who enjoy developing practical skills in this fun and innovative metal work design course. Using your creative abilities, you will research, design and fabricate projects of your choice, including jewelry. The variety of projects is limited only by your imagination, and you will be designing, creating and fabricating using brand new equipment, as the workshop environment includes new state of the art digital self-adjust welders. You will have an opportunity to practice self-evaluation of your projects. This course opens doors for careers in machinery and welding, and also provides life skills and development of your creative and manual skills.

BA JEWELLRY 11  
(Y1A--1A)  
This engaging course is open to everyone, and has no prerequisites—just your imagination! This course will supply credits for both Fine Arts Skills 11, and Applied Skills 11. Open to all students who enjoy using their creative abilities to design and fabricate unique pieces of art. You will have the opportunity to choose and cast a sterling silver ring, design key-chains, candleholders and much more. You will have an opportunity to do sheet metal work, machining, welding, metal sculpture, forging and casting, providing you with life skills as well as entry level skills to many trades.

ADST ARTMETAL JEWELLRY 12  
(MTAMJ12)  
No prerequisite needed—just your imagination to create unique and personalized art and metal designs. This course explores a wide variety of different design skills, including the lost wax method, welding, soldering, lathe work and wire work to create silver jewelry and other projects such as wire mobiles, garden sculptures and unique objects of functional art. The life skills learned will be useful for both post-secondary career choices, or as an outlet for your creative skills.

ADST METALWORK 12  
(MTMET12)  
Prerequisite: None  
There is opportunity for students to double block into the metal shop. Students are expected to continue improving skills learned in grade 11. However, they will be encouraged to choose one or two specialty areas. These could be welding, sheet metal, machine work (lathe, milling machine, etc) or repair work. Larger and more complex projects will be designed and built by the student.