SUTHERLAND SECONDARY SCHOOL
COURSE PLANNING GUIDE

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SUTHERLAND MISSION STATEMENT

Sutherland strives to develop students' skills, intellect and personal growth in a supportive, respectful learning environment and to prepare students to become responsible citizens.

PRINCIPAL'S INTRODUCTION

This course programming guide has been produced with the goal of helping students and their parents make informed course planning decisions. In addition to providing a brief description for each course that we offer at Sutherland, it also includes the school's code of conduct, information on timetable organization, graduation requirements and post-secondary opportunities.

Students should take care to make sure that they make the appropriate course selections. The master timetable is constructed based on student course selections and once individual schedules are made, it is often difficult to adjust timetables. While some course programming changes are made in September, it is unlikely that students will be able to alter their timetable simply because they have decided to change their electives.

When making course selections, students should pay particular attention to choosing their alternate courses. As students progress through the grades, it becomes increasingly difficult to provide all course requests. Increased choice in course selections in the senior grades results in a greater number of course conflicts. Students should be prepared to take their alternate course if their schedule has course conflicts or if certain courses are not offered because of low demand.

It is also important that students return their course selections to their counsellors by the date indicated on the form. Students have a greater opportunity of getting all of their requests if we have course selection forms returned on time.

This booklet has been prepared by the Sutherland staff to assist students in their course planning from their entry in grade 8 through to their graduation year. Selecting a program of courses is an important process that should result from a discussion with their parents. The choices a student makes may have a significant impact on the possibilities for future education and work. These choices should not be taken lightly; considerable thought, consultation and discussion should occur before final selections are made.

While counsellors thoroughly check each programming sheet, students and their parents should make sure that they select the necessary prerequisite courses for post secondary entrance and for graduation. Detailed information on post-secondary requirements is available in Counselling.

In February, the Ministry of Education announced new standards for the Graduation Portfolio. Students in grades 10 – 12 must complete the following mandatory standards: 80 hours of physical activity, a graduation transition plan that will help students set goals for post-secondary education and career pursuits and 30 hours of work experience or community service. This course is required for graduation and students who meet these new standards will receive four credits that count towards their Dogwood Diploma.

Over the past few years, we have made an increased effort to make sure that students and their families are aware of the "Code of Conduct". The "Code of Conduct" was established with input from students, parents and staff and there have been some revisions over the past few years.

Last year, a committee consisting of parents, teachers, students and administrators reviewed Sutherland's Code of Conduct. The Code of Conduct is included in both the Student Agenda and the Course Programming Guide. On an annual basis we ask the teaching staff to review the Code of Conduct with students and the administration address this topic at grade assemblies. Parents with suggested revisions to the Code of Conduct can submit them to Ms. Smeal or a PAC executive member.

Doug Green, Principal

PERSONNEL

Administration

Principal Mr. D. Green
Vice Principal Ms. N. Smeal
Vice Principal Mr. J. Hasenauer

Counsellors

Mr. C. Nielsen Ms. P. McGuire
Ms. S. Buchanan Ms. W. Matsubuchi

Records Clerk

Mrs. H. Lavender

Athletic Director

Mr. B. Thornhill

Librarian

Ms. H. Clark

Office Personnel

Mrs. M. Buhler
Ms. M. Marziali
Mrs. J. Patterson

Technology Coordinator

Ms. A. Bougie

Learning Assistance Teacher

Ms. H. Fowler

Special Education

Mr. D. Doyle

Police Liaison Officer

Cst. A. Foggetti

Work Experience Facilitator

Ms. P. Giraud

PERIOD SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Tutorial Time	Tutorial Time	Meeting Time 8:00-8:50	Tutorial Time	Tutorial Time
8:45 – 10:05	1	2	3 8:55-10:15	1	4
10:05 – 10:20	MORNING BREAK				
10:20 – 11:35	2	3	4 10:30-11:45	2	1
11:35 – 12:20	LUNCH				
12:20 – 1:35	3 12:20-1:25	4	1 12:30-1:35	3	2
1:40 – 2:55	BOB* 4 1:45 1:50-2:55	1	BOB* 2 1:55 2:00-3:05	4	3
2:55 – 3:15	Tutorial Time	Tutorial Time		Tutorial Time	Tutorial Time

***BOB (Bring On the Books)**

- Class is extended for a 20-minute reading period for staff and students

SUTHERLAND CODE OF CONDUCT

The Sutherland Code of Conduct is a product of collaboration between the staff, students and Parent Council of the school. It reflects the school's intention to preserve for all students and staff a safe and welcoming atmosphere for purposeful learning and social interaction. Expectations for student behaviour and participation in active learning are based on requirements of the School Act of British Columbia, the Board of School Trustees of North Vancouver School District, and of Sutherland School staff and administration. This Code of Conduct applies at school and school sponsored events.

STUDENT RESPONSIBILITIES FOR GOOD CONDUCT

Sutherland expects that all students will conduct themselves according to the **STUDENT CODE OF CONDUCT**. Students may expect to be treated fairly and judiciously for any misconduct which threatens the well-being, safety or learning of others in the school. For repeat violations or serious breaches of the Student Code of Conduct, a student may be referred to the district counsellor for placement in an alternative educational setting. In some cases, a re-entry plan will need to be completed prior to the student's return to school.

R.E.S.P.E.C.T. is the foundation of Sutherland's reputation as a strong community of learners where we

- Take **responsibility** for learning to the best of our ability.
- Show all individuals the **equality** and fairness we desire for ourselves.
- Work toward **success** as scholars, citizens, and athletes.
- Give our full **participation** in classes, in school, and in the community.
- Strive for **excellence** in our attitudes and efforts in order to bring credit to ourselves and our school.
- Show **consideration** for the race, gender, cultural background, individuality and uniqueness of others.
- Believe that our **total involvement** as global citizens requires caring for the Earth and all life.

EXPECTATIONS FOR STUDENT SUCCESS

1. Be on time and prepared for class every day.
2. Respect the instruction and authority of teachers and support staff.
3. Stay focused in classes, participate fully, complete all assigned work, and do regular home study.
4. Keep a written record of all tests and assignments and maintain organized notes.
5. Respect the rights and property of others including Sutherland's neighbours.
6. Respect the health and safety of others and be responsible for your own garbage.
7. Respect the learning environment and the right of others to participate fully in the learning process.
8. Choose to wear clothing that is appropriate to the learning environment and the workplace (not sexually explicit or displaying profanity, violence, drugs or alcohol).
9. Display good conduct and demonstrate respectful behaviour toward all staff, students and guests.
11. Be honest, acknowledge responsibility for poor choices or misconduct, and accept reasonable consequences with good grace.
12. Demonstrate **R.E.S.P.E.C.T.** for others in your actions and work every day.

RESPECT YOURSELF, OTHERS AND THE LEARNING ENVIRONMENT

All students need to know that the school cannot and will not tolerate any of the actions and behaviours described below:

VIOLENCE

Incidents of fighting, bullying, sexual or racial harassment, intimidation, verbal abuse, swearing, hazing, taunting or inappropriate physical touching will not be tolerated. Students involved directly or indirectly in any of these behaviours can expect strong disciplinary action from the school, and such actions may include police involvement.

WEAPONS

Weapons of all kinds including any object used to simulate a weapon are expressly forbidden. Students involved with weapons will be suspended and may be referred to the police.

DRUGS AND ALCOHOL

Students found using, possessing, or being with others involved with drugs or alcohol at school or at school sponsored events will be suspended and referred to the C.A.T.S. (Constructive Alternatives to Teen Suspension) Program. Subsequent involvement in drugs or alcohol will require a re-entry plan to return to school. Any student found supplying drugs or alcohol to others will be suspended, and/or referred to an outside agency or the police.

THEFT, VANDALISM OR PROPERTY DAMAGE

Students who damage or steal school property or the property of others may be suspended and expected to pay for replacement or repairs. Deliberate vandalism of school property, including graffiti, will result in suspension. Anyone who accidentally damages something or witnesses damage around the school should inform the office or a staff member immediately.

SMOKING

Sutherland staff strongly discourages student smoking. The North Vancouver School District policy has designated school buildings and property as smoke free areas. Smoking is not permitted on the school grounds, on Sutherland Avenue, 18th Street, adjacent back lanes, or any other street within a two block radius of the school. Students who choose to smoke outside of the school zone are also asked to keep walking and avoid gathering near neighbours' properties.

RESPECT FOR THE COMMUNITY

Be respectful of our neighbours in the community. Please keep walking on the streets and use lanes only for necessary access. Do not leave garbage in the community and use language that is appropriate and not offensive to others. Please refrain from gathering in groups in the community.

CHEATING

Teachers who suspect students of cheating on tests, exams or handing in assignments done by other individuals without appropriate acknowledgement in a bibliography will inform the administration and the incident will be investigated. Confirmed incidences of cheating will be recorded in the student's discipline file. Additional information on plagiarism is included under "Responsible Use of the Internet".

Possible Consequences for First Time Cheating or Plagiarism on Assignments or Tests

- being given a zero for the test or assignment
- being required to explain their actions to their parents and the parents being requested to contact the teacher before the student can return to class
- having all their other teachers informed of their behaviour
- being required to meet with the grade administrator

A subsequent incident in the same or another course could result in:

- a letter in the student's permanent file
- a failing grade in the course
- removal from the course
- ineligibility for the honour roll
- ineligibility for the Passport to Education
- ineligibility to receive awards and scholarships
- ineligibility to participate in grad events
- ineligibility to enroll or re-enroll in a course
- ineligibility to have a reference letter written
- notification to other teachers of cheating history

SKIPPING CLASSES

Teachers have the responsibility to inform parents of unverified absences. Students absent from classes without valid reason will be subject to progressive disciplinary steps ranging from detention to suspension.

DEFIANCE

Students are expected to adhere to the authority and direction of staff members. Consequences for defiance to staff may include a suspension from school.

Your reputation for good conduct should be a source of pride and self-esteem. You have the right to say "no" to wrong conduct. You have the right to be safe and to learn in a healthy and supportive environment. If you are being pressured to take part in activities you know are wrong, tell a responsible adult!

SCHOOL FEES

At the time of publication of this course planning guide, the school supplemental course fee amounts have been reviewed at the school level and anticipated supplemental course fees are included in this booklet. This review was based on the legal decision of October 2, 2006, the School Act and the current Ministry School Board Fees Order.

It is anticipated that any proposed changes may not be available until course selections have occurred. The District School Fees Task Force is currently reviewing our process and assessment of school fees for the superintendent. At a provincial level, the BCSTA and the BCSSA, along with other educational organizations, are reviewing the current legislation, the recent legal decision, and plan to recommend amendments to the School Act and School Board Fees Order.

An updated list of our school fees will be provided at a later time once any changes have been determined. Each student will be asked to pay a fee of $40 in September to cover the cost of a student agenda book, student course handbook, student council and leaderships clubs, and of various student activities during the school year. Supplemental fees for individual courses may be charged to cover the costs of enhancement materials necessary to meet the learning outcomes for those classes. Additionally, fees are charged for graduation and athletics.

Any families who will be experiencing financial hardship in paying these fees in September should

contact the school regarding their concerns.

ATTENDANCE

Research proves that there is a very high correlation between attendance and success at school. Students are required to attend all classes unless excused for illness or for an appointment.

ABSENCES

When a student is going to be absent, we ask that a parent phone the school (604-903-3500) before school to leave a message on Voice Mail or with the secretary. Excused absences will be entered in to the school attendance system. Parents of students who are not excused will be phoned each morning by our parent call back volunteers.

EARLY DISMISSAL

Students requiring early dismissal must bring a note to the office prior to being permitted to leave the school. Parents are urged to try to schedule appointments for students out of school time when possible.

LATE ARRIVALS

When students arrive late to school, they must report to the office. Please phone the office or send a note if your son/daughter is to be excused for being late. Students who are repeatedly late may be given detentions and parents may be contacted.

ILLNESS OR INJURY

Students who become ill or are injured during the school day should report to the office where they will either be given First Aid or a parent will be phoned. Students will not be permitted to leave the school until a parent, guardian, or emergency contact has been reached.

PLANNED ABSENCES

Parents are discouraged from planning family vacations when school is in session. If, however, students are going to miss school for family vacations, they must complete a Planned Absence form from the office prior to leaving. Parents are asked to inform the school if they will be away and to notify the school of the name of the adult who the school may contact in the interim.

MISSED WORK

It is the student's responsibility to make up missed work due to illness or other absences. For longer absences, the counselling office should be contacted to arrange for homework to be collected.

POLICIES AND PROCEDURES

ENROLLMENT AND WITHDRAWAL

In order to change courses, withdraw from courses, or withdraw from school, students must see a counsellor to complete the process. Parents will be contacted.

FINAL EXAMS

Students in most academic courses will be required to write formal final examinations at the end of each semester. Exam schedules will be posted prior to the exams and students are responsible for knowing when and where their exams take place. Students will also be required to write Provincial Exams in English 10, Science 10, Math 10 and Social Studies

11. Students should consult the Ministry of Education's Provincial Examinations Website at: **www.bced.gov.bc.ca/exams**. Results for Provincial Examinations will only be available to students on the website and will not be mailed home or provided by the school.

LOCKERS

All students are issued individual lockers and are responsible for keeping their belongings secure in their lockers. Lockers are school property and may be inspected by authorities. Sutherland is not responsible for items missing from school or P.E. lockers. Locks may be replaced by the business manager for $5.

SCHOOL SAFETY AND CLEANLINESS

Skateboards, rollerblades, bicycles, balls, and hackeysacks are not permitted in the hallways. Please use the garbage cans for waste food and paper.

EMERGENCY EVACUATION

In case of an alarm, students must follow instructions from school staff for an organized and prompt evacuation of the school.

TEXTBOOKS

Textbooks are on loan to students, as assigned by teachers. If textbooks are damaged or lost, students will be charged for their replacement.

PHOTOS AND GO CARDS

School photos are taken in September each year. All students and staff are photographed for the yearbook, school directory, student Go Cards, and for optional photo purchase unless students indicate otherwise through the Freedom of Information and Protection of Privacy form available in the office. Go Cards are necessary for entering school dances and events. Replacement of a lost Go Card will cost $10.00.

VEHICLES

Students bringing vehicles to school may park in any parking space other than those marked "staff". Sutherland is not responsible for vehicle damage on or near the school grounds. Students who drive in an unsafe manner around the school will be asked to not drive or park in the school zone.

VALUABLES

Sutherland is not responsible for loss or theft of students' personal items, such as IPods, electronic equipment, clothing, calculators or money that they choose to bring to school. Lost and found boxes are located outside the main office and P.E. office.

TELEPHONES

The Student Council provides a free phone outside the office that students may use out of class time. Pay phones are available in the 300 level hall and Jock Hall. The office will page students only for important messages from parents before lunch and after school. **Students are asked to turn off cellular phones during class time** and/or keep them in their lockers.

GYM POLICIES

Students using the gym during break and lunch are asked to wear appropriate shoes. Food and drinks are not permitted on the gym floors. Students are responsible for equipment brought from home. Inappropriate behaviour or abuse of gym equipment will result in the loss of gym privileges. In PE classes, all students are required to wear appropriate gym strip and footwear in order to participate. PE lockers are available, but the school is not

responsible for lost or stolen articles. Items left unsecured in the change rooms may be stolen, so students must ensure that they secure their personal belongings.

CAFETERIA

The cafeteria provides food service for students before school, at break and at lunch. Students may eat in other available areas of the school providing they are responsible for keeping the area clean. Vending machines are located in various areas of the school to help raise funds for many school activities. Students who have problems with vending machines should see Mr. Thornhill.

ADMINISTRATIVE ASSISTANT

Our Administrative Assistant, Ms. Green, can be found on the 300 level in Room 305. If you need to pay fees, replace locks, pay for lost items, see the Administrative Assistant.

COMPUTER AND INTERNET ACCEPTABLE USE POLICY (AUP)

The North Vancouver School District requires each secondary school to develop an internet acceptable use policy in alignment with the District's own policy. Sutherland Secondary has developed criteria that students must adhere to in order to gain access to the Internet.

In accordance with Sutherland Secondary School's mandate for acceptable use of computer technology and Internet access, the following behaviour is not permitted:

- To access, download, upload, distribute or be in possession of pornographic, obscene or sexually explicit material.
- To distribute electronic or digital material meant to intimidate, demean or threaten another student or group at Sutherland Secondary School or within the broader community.
- To violate any school, municipal, provincial or federal policies or statutes.
- To damage, disable or vandalize computers or computer equipment.
- To access another individual's materials, information or files without permission.
- To download and/or install any software, game-based or otherwise, to the network or local computer systems.
- To attempt to bypass any board implemented computer security or network access restrictions.
- To violate copyright or use the intellectual property of another individual or organization without the original author's permission.

REPORTING TO PARENTS

REPORT CARDS FOR ALL STUDENTS

Report Cards are issued four times each year: November, February, April and June.

GRADE 8 PROGRESS REPORTS

Grade 8 Progress Reports are issued in October and March.

INTERIM REPORTS

Interim reports may be issued by teachers at any time throughout the year. Teachers may also phone home to keep parents up to date on any student's progress.

PROMOTION

Students move to the next level on the basis of subject promotion. Students who meet the required learning outcomes for a course will advance to the next course (e.g. Math 8 to Math 9). For credit to be granted students who do not meet the requirements for a course have three options:

a) complete the course as prescribed by the teacher when an "I" is assigned
b) take the course at summer school, or
c) repeat the entire course.

PARENT-TEACHER INTERVIEWS

Parent-Teacher Interviews are held twice a year following the November and April report cards. Attached to every report card is a form for parents to fill out and return to the school, indicating the teachers they wish to see. From these requests, a computer schedule is produced for students to take home. This appointment system eliminates lineups to see teachers. Sutherland welcomes all parents to meet with their children's teachers. Students are requested to ensure that their parents have this opportunity by taking their report cards home promptly after they are handed out.

REGULAR PARENT-TEACHER CONTACT

Teachers frequently contact parents by phone and try to return parent calls promptly. During the day messages for teachers may be left at 903-3500 or Fax 903-3501, or by e-mail using the teacher's first initial, last name @nvsd44.bc.ca (e.g. jsmith@nvsd44.bc.ca).

GRADING SCALES

Report cards represent progress in percentages. The letter grade equivalents for the percentage system and their meaning are as follows:

Term Reports

A	=	86% - 100%	Excellent achievement
B	=	73% - 85%	Very good achievement
C+	=	67% - 72%	Above average achievement
C	=	60% - 66%	Average achievement
C-	=	50% - 59%	Below average achievement
I	=	below 50%	Incomplete – the student will be given a specific time to meet the required learning outcomes
F	=	below 50%	Failing

Final Reports

A	=	86% - 100%	Excellent achievement
B	=	73% - 85%	Very good achievement
C+	=	67% - 72%	Above average achievement
C	=	60% - 66%	Average achievement
C-	=	50% - 59%	Below average achievement (The student has attained basic competence for the subject/course grade level and considered ready to continue.)
F	=	below 50%	Course requirements not met. It is in the best interests of the student to repeat the course or, if s/he has achieved over 40%, to attend summer school.

The symbol "I" may be assigned at any time if a teacher considers the student at risk of failure. The teacher will at that time indicate what learning outcomes the student must meet and how to meet them, ie. a list of specific assignments, exercises and tests. The student will be given a specific time frame within which to complete the required tasks to a passing standard. At the deadline, the teacher will assign credit for work done or "F" to indicate failure. If an "I" has been assigned on an interim report, and the student has failed to complete the specified work by the deadline, an "F" may be assigned on the next term report card.

RECOGNITION AND AWARDS

ACADEMIC AWARDS

The Awards Committee will review all students' marks to determine who will be eligible for awards. Academic awards are calculated on the basis of a student's standing at the end of Term 3. Eligibility is based on the following criteria:

Certificate of High Achievement

80% or higher in all but the lowest graded course taken at Sutherland, not including HCE 8, 9, and Planning 11 and 12, calculated on Semester 1 Final and Semester 2 Midterm marks. No mark lower than 50% or "I". Senior students will only be considered if they carry at least 6 graded courses at Sutherland and, when the student only carries 6 courses, all 6 courses will be included.

Certificate of High Achievement with Distinction

Must achieve an "A" (86% or better) in all but the lowest graded course taken at Sutherland, not including HCE 8, 9, and Planning 11 and 12, calculated on Semester 1 Final and Semester 2 Midterm marks. No mark lower than 50% or "I". Senior students will only be considered if they carry at least 6 graded courses at Sutherland.

Honour Roll Award

The student who achieves the highest percentage based on all courses taken at Sutherland in his or her grade will be awarded an Academic Honour Roll plaque.

Subject Awards

Teachers of each course will select the top student from each course to receive a subject award. Criteria may include achievement, attitude, effort, participation and other positive factors.

Summa Summarum

The most prestigious of all awards, the Summa Summarum is a plaque awarded to the Grade 12 student whose all round excellence in scholastics, athletics, school service, and citizenship combines to identify that person as "top of the top" student at Sutherland.

SERVICE AWARDS

The Awards Committee will accept students' lists of their service hours up to June 2006. Late applications will not be accepted. Teachers may also recommend a student for a service award.

Service Certificates

Eligibility is based on the number of service hours a student has given to helping <u>within the school on his or her own time</u>. Other criteria such as willingness to participate in a number of areas around the school and a passing average in studies will be considered. <u>Grade 11 and 12 students must demonstrate service in more than one area to be considered.</u>

Grade 8 - 15 hours	Grade 10 - 25 hours	Grade 12 - 30 hours
Grade 9 - 20 hours	Grade 11 - 30 hours	

Top Citizen Awards

The Awards Committee may choose a top citizen from all eligible students in Grades 8 – 12. To be eligible, a student must have completed the required service hours but also have

demonstrated the highest standards of behaviour, social responsibility and willingness to represent Sutherland positively in the community.

As with academic awards, students must maintain acceptable conduct to qualify for a service certificate.

PASSPORT TO EDUCATION

The BC Government offers the Passport to Education as an incentive to students. At the end of the school year, students in Grades 10–12 are eligible to receive a Passport to Education stamp. Based on schools' September 30 enrollment, 9000 stamps per grade are distributed to schools in British Columbia.

Grade 10	$250
Grade 11	$250
Grade 12	$500
PossibleTotal	$1000

Eligibility and Criteria:

- Full time attendance public school or Group 1, 2, or 4 Independent School
- Must be a Canadian Citizen or a Landed Immigrant
- Based mostly on course marks and up to 1/3 on school determined factors for Grades 10's and 11's
- Based primarily on student achievement in the Graduation Portfolio Assessment in Grade 12
- Total awards money limited to 9000 students in each of the three grades
- Redeemable at post-secondary institutions.

For up to five years after graduation you may present your passport for a reduction of tuition or related educational costs at post-secondary institutions or job training programs approved by the Ministry of Advanced Education and Job Training. You are responsible for the safekeeping of your own Passport Book.

More information can be found at the Ministry of Education website:
www.bced.gov.bc.ca/awards.

ATHLETIC AWARDS

At the end of each school year, students who are proficient and make a strong contribution in the field of interscholastic athletics will be recognized with athletic awards. Awards are presented at the Athletic Banquet.

Individuals are selected on the basis of points accumulated and criteria determined by the Athletic Council. Points are awarded by the coach(es) of each team based on athletic ability, leadership, attitude and attendance. Cumulative points to qualify for awards are as follows:

Small Block	15 points
Medium Block	40 points
Large Block	70 points
Athletic Shield	100+ points

Top Female and Male Athletes

The athletes in each grade level demonstrating the highest level of athletic ability and leadership chosen by the Sutherland Athletic Committee.

OPPORTUNITIES FOR STUDENT INVOLVEMENT

STUDENT COUNCIL

Student Council Positions

President Vice President

Grade Representatives for each grade

Student Council members organize and run social and fundraising activities and provide service to the school. Elections take place in late spring. Nominations for the position of grade representative are open to all students in that grade. Those for position of President or Vice President are accepted only from candidates who have:

1. upheld Sutherland's Code of Conduct during the past school year,
2. maintained a GPA of 2.75 or better,
   and
3. previously served on Student Council for at least one year <u>or</u>
4. have made a significant contribution to the school.

You are welcome to attend Student Council meetings with your ideas. The Council wants to work for YOU!

DISTRICT STUDENT LEADERSHIP COUNCIL

In addition to the Student Council at Sutherland, there is also a School District 44 Student Leadership Council (SLC) consisting of representatives from each of the Secondary Schools in North Vancouver. The SLC meets monthly to discuss issues that impact on students in the District.

GRAD COUNCIL

Grad Council is composed of six grade 11's elected in the spring who coordinate grad activities for the following year.

SUTHERLAND CLUB & TEAM FAIR

In mid-September, look for the first big event of the year. All of the active clubs and teams at Sutherland are represented at information tables around the gym to encourage new and returning students to get involved in extracurricular activities. We have lots of great noontime and after-school clubs and teams. Find out all about them at the Club and Team Fair, and then get involved!

86% CLUB

Any student in grade 12 may join this group of students who meet to become informed about the many opportunities for awards and bursaries available to Sutherland grads. Assistance with the writing of applications is available.

BACKCOUNTRY CLUB

Anyone with an interest in the outdoors may join this group. We try to do a variety of outdoor activities from canoeing and kayaking, hiking and horseback riding to tubing, winter camping and cross country skiing. Your suggestions are welcome. We get out once a month on an adventure of some kind.

BROWN BAG IMPROV TEAMS

We have both a junior and senior improv team; both compete in local and regional improv theatre competitions, based on the Canadian Improv Games philosophy. Try out for our teams and expect to have a great time improvising from October through March.

COUNTER ATTACK

Students in Counter Attack work to raise awareness about safe driving. They organize and plan events in which the entire school can participate to combat drinking and driving.

DECONSTRUCTION DRAMA CLUB

An interest in being on stage, or backstage, makes you a great candidate for this group. We put on school drama productions, participate in drama festivals, and manage lighting, sound, set design and construction, costuming, make-up, ticket sales, publicity and more.

ENVIRONMENT CLUB

A group of students dedicated to the "reduce, reuse and recycle" philosophy, and who promote this attitude throughout the school. They are responsible for much of the recycling and environmental awareness that goes on in the school.

GLOBAL ISSUES & ACTION GROUP

Get more involved with the world around you; make positive change happen. This group undertakes several actions a year to raise global awareness.

HORIZONS CLUB

Intended to encourage and organize extracurricular travel for students and community members to interesting and exciting parts of the world.

KILLER MOVES DANCE GROUP

If you just gotta dance, you belong with us! Student choreographed dances are shared with the whole group. We rehearse at noon and may perform at various school events.

MATH CLUB

A must for those enthralled with math and who really want a math challenge. Lots of contests, practice and coaching.

MOSAIC CLUB

Promoting and organizing activities and events that celebrate the diversity of cultures, languages and characters in the school. Everyone is welcome to join.

PEER TUTORS

Grade 11 and 12 students are encouraged to help Grade 8-10 students gain confidence and success in their studies. Help out as a Peer Tutor to volunteer in the Learning Centre during a spare, or tutorial times. The club meets every two weeks. A great way to contribute to Sutherland's spirit and success! See Mr. Doyle in Special Education if you are interested.

REACH FOR THE TOP TEAMS

Teams play this traditional, challenging information trivia game in school and against other schools.

SEWING & CRAFT CLUB

For those who enjoy creating with their hands; hone your skills and make new friends.

ULTIMATE CROSS COUNTRY CLUB

VANCOUVER SUN RUN TEAM

Students and staff participate in this huge event every year. Get together from January on to train, encourage each other and then run or walk, whichever suits.

SPORTS

Represent the Sabres! Try out for a team! These sports **may** be offered next year depending upon numbers, availability of coaches and sponsors.

Fall	**Lunchtime Intramurals**
Girls' Volleyball	Basketball
Boys' Rugby	Floor Hockey
Boys' Soccer	Volleyball
Girls' Field Hockey	Indoor Soccer
Cross Country	
Badminton	**Spring**
Winter	Track and Field
Boys' & Girls' Basketball	Golf
Gymnastics	Tennis
Skiing & Snowboarding	Girls' Soccer
Curling	Mountain Biking
	Ultimate Frizbee
	Girls' Rugby
	Boys' Rugby
	Boys' Spring League Basketball

COURSE SELECTIONS
ACADEMIC INFORMATION AND PROGRAM REQUIREMENTS

GRADE EIGHT COURSES

The **Grade Eight** program consists of 9 courses including Health and Career Education 8:

FOUNDATION STUDIES	**SELECTED STUDIES (CHOOSE 2)**
1. English 8	1. Elective
2. Social Studies 8	2. Elective
3. Mathematics 8	
4. Science 8	
5. Physical Education 8	
6. French 8	
7. HCE 8 (Integrated)	

GRADE NINE COURSES

The **Grade Nine** program consists of 9 courses including Health and Career Education 9:

FOUNDATION STUDIES	**SELECTED STUDIES (CHOOSE 3)**
1. English 9	7. Elective (2nd language)
2. Social Studies 9	8. Elective
3. One Mathematics 9 course	9. Elective
4. Science 9	
5. Physical Education 9	
6. HCE 9 (Integrated)	

GRADE TEN COURSES

The **Grade Ten** program consists of 8 courses including Planning 10:

FOUNDATION STUDIES		**SELECTED STUDIES (CHOOSE 2)**	
1. English 10	(4 credits)	7. Elective (2nd language)	(4 credits)
2. Social Studies 10	(4 credits)	8. Elective	(4 credits)
3. One Mathematics 10 course	(4 credits)		
4. Science 10	(4 credits)		
5. Physical Education 10	(4 credits)		
6. Planning 10	(4 credits)		

GRADE ELEVEN COURSES

The **Grade Eleven** program consists of 7 courses plus Planning/Study:

FOUNDATION STUDIES		SELECTED STUDIES	
1. English 11	(4 credits)	5. Elective 11/12	(4 credits)
2. Social Studies 11	(4 credits)	6. Elective 11/12	(4 credits)
3. One Mathematics course	(4 credits)	7. Elective 11/12	(4 credits)
4. One Science course	(4 credits)	8. Planning 11/Study	

GRADE TWELVE COURSES

The **Grade Twelve** program consists of 7 courses

FOUNDATION STUDIES		SELECTED STUDIES	
1. English 12 or	(4 credits)	5. Elective 11/12	(4 credits)
Communications 12		6. Elective 11/12	(4 credits)
2. Elective 12	(4 credits)	7. Elective 11/12	(4 credits)
3. Elective 12	(4 credits)	8. Graduation Transition Plan	(4 credits)
4. Elective 12	(4 credits)		

REQUIREMENTS FOR GRADUATION

80 credits over Grades 10, 11, 12

48 required credits:

Language Arts 10 (4 credits)
Language Arts 11 (4 credits)*
Language Arts 12 (4 credits)*
Social Studies 10 (4 credits)
Social Studies 11, Canadian Civics 11
Or BC First Nations Studies 12 (4 credits)
Science 10 (4 credits)
Science 11 or 12 (4 credits)*
Mathematics 10 (4 credits)*
Mathematics 11 or 12 (4 credits)*
Physical Education 10 (4 credits)
Fine Arts and/or Applied Skills 10, 11 or 12 (4 credits)*
Planning 10 (4 credits)

Students must also:

- earn 4 Graduation credits by providing documentation that they have met the following standards:
  - 80 hours of physical activity (in addition to PE 10 requirements)
  - a graduation transition plan that will help students set goals for post-secondary education or career pursuits
  - 30 hours of work experience or community service
- complete a minimum of 28 elective credits.

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

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

Five Graduation Programme Exams in Grades 10-12 are required for graduation, including a Grade 12 Language Arts exam.

*one from a number of course options

PROVINCIAL EXAMINATIONS – GRADES 10, 11, 12

Students may access recent Provincial Government Examinations
exam results and information on the World Wide Web at
http://www.bced.gov.bc.ca/exams/search/exsection.htm

The Ministry of Education offers exam sessions in November, January, April, June, and August. Not all exams are available for all sessions. Students enrolled in the following courses are required to write provincial examinations at the end of their course work:

English 10	Chemistry 12	Geology 12
Math 10 and 10E	Communications 12	History 12
Science 10	English 12	Literature 12
Social Studies 11	French 12	Math 12 (Principles)
Biology 12	Geography 12	Physics 12

Students enrolled in provincially examinable courses at Sutherland are automatically registered for the provincial exam in that subject at the end of the semester. If you are taking a Night School or Correspondence course you must inform your counsellor. The final course mark is an amalgam of the school mark and the exam mark. For grades 10 and 11 provincial exams, the school mark is worth 80%, the exam mark 20%. For grade 12 provincial exams, the school mark is worth 60%, the exam mark 40%.

Students are advised to pay close attention to the printed regulations on the above Ministry website, and the school with respect to examinations, schedules and locations. Provincial Exam dates cannot be changed to satisfy individual situations.

Students wishing to try for higher marks may elect to rewrite provincial examinations at a subsequent sitting within one year of writing the first examination. If a student wishes to rewrite an examination more than once, he or she must repeat the course.

LEARNING OUTSIDE OF SUTHERLAND SECONDARY SCHOOL

The Ministry of Education recognizes that not all learning takes place within a BC secondary school. Processes are in place to evaluate outside learning in order to receive credit toward graduation. After examining documentation the school will decide whether a student will receive credit and whether to report a school percent and letter grade or a Transfer Standing (TS). TS has no negative or positive impact on a student's Grade Point Average, however universities may require additional documentation.

COURSE EQUIVALENCY

Situations may involve students who have moved from another province or country, or who have credentials from an out-of-school program. When documentation can demonstrate that a student has successfully completed a course that matches approximately 80% of the prescribed learning outcomes of a Ministry Authorized senior secondary course, credit may be granted.

EXTERNAL GRADUATION COURSES

The Ministry of Education will now be giving credit for a variety of External Courses. External Courses are courses offered outside the British Columbia school system. Students may receive Graduation Credit for successfully completing an External Course in the areas of Music, Dance, Language, Sport, and Youth Development. External Credits are available at the Grade 11 and 12 Level and the more common courses are listed below. More information is available at www.bced.gov.bcca/graduation/courseinfo/cid.pdf.

External Music Credits

Royal Conservatory	Victoria Conservatory	London College of Music
BC Conservatory of Music	Conservatory Canada	Associated Board of the Royal Schools of Music
Trinity College: London	Royal Schools of Music	

External Dance Credits

BATD: Jazz	CTDA: Jazz	ISTD: Cecchetti
ISTD: Tap	CTDA: Tap	ISTD: Modern Theatre Dance
Royal Academy of Dancing	ISTD: Ballet	Highland Dancing
AIDT: Modern & Tap	Chinese Dance Syllabus	

External Language Credits

If a student has completed Grade 7, Grade 8 and/or grade 9 education in a language other than English, he or she can receive External Language Credit. (Grade 8 and 9 can be used for University Entrance.)

External Sports Credits

(48 Provincial Sport Associations are included)

Athletes	-	Team BC Provincial or National Team Member and Special Olympics
Coaches	-	Level One Theory, First Aid, minimum of 75 hours coaching
Officials	-	Theory, practical and minimum of 50 hours officiating

External Youth Development Program Credits

Cadets: Air Level 4, Army Gold Star, Sea Phase IV	Fitness Leader: BCRPA
Guides: Canada Cord	Canadian Pony Club: Level B
Scouts: Chief Scout's Award	Red Cross First Aid
External Lifesaving: Bronze Cross/National Lifeguard Service	Boating: Power Squadron
ICBC Driver Education Course	Pilots License
4-H Program of Project Certification	Coast Mountain Discover
Duke of Edinburgh's Award	

CHALLENGE

Course challenge (Grades 11 and 12 levels only) allows students an opportunity to receive credit without taking a course, providing the learning outcomes have been successfully demonstrated and assessed. The process of challenge is rigorous, intended for students who have exceptional ability in a specific area of study or for those who have had exceptional opportunities for learning.

Students may challenge a course only once and may not challenge to receive a higher mark in a course previously taken. Students challenging provincially examinable courses must first successfully challenge the school-based component prior to writing the provincial examinations.

The process has two parts: application and assessment

1) application must be made by November, assessment takes place in March and for Grade 12 academic courses, Provincial exams are written in June.

2) application forms and more information are available from Student Services (in October)

The following courses are the most frequently challenged courses:

- International Languages 11 and 12
  (French, German, Japanese, Mandarin, Punjabi, Spanish, Korean)

SUMMER SCHOOL

North Vancouver School District offers **remedial academic courses** for students in grades 8-11 through Summer School during the month of July. Students may enroll in a maximum of 2 courses per summer and are required to pay fees for each course. Admission to summer school requires permission from the student's Sutherland subject teacher where the student should have achieved 40% or higher during the school year. Upon completion, students receive only a pass or fail for summer school courses.

Advance credit summer school courses for grade 10, 11 and 12 academic courses are also offered over six weeks in the summer based on enrollment. Registration for these courses takes place through North Shore Continuing Education.

CONTINUING EDUCATION

Sutherland students in grades 11 and 12 who wish to take courses through Continuing Education must seek permission from the subject department head, grade counsellor and the principal before registering at Continuing Education. Fees may be charged for these courses.

NORTH SHORE CONTINUING EDUCATION
offers
HIGH SCHOOL COMPLETION COURSES
EXAM PREPARATION WORKSHOPS
FULL CREDIT COURSES (THROUGH Summer Programs)
ADVANCED PLACEMENT COURSES

High School Completion

North Shore Continuing Education offers Adult Basic Education and High School Completion Courses primarily to adults (age 19 or 18 and out of school a year). However there is also the opportunity for Senior High School students attending a regular day school to take academic courses leading to graduation, on a fee paying basis. It is important for parents to be aware that courses are in an adult environment.

The High School Completion Courses are offered two nights a week for Fall Semester and for Spring Semester: Courses may vary from semester to semester or may be cancelled due to poor enrollment.

- Biology 11 and 12
- Chemistry 11 and 12
- Civilization 12
- English 11 and 12
- English Transition 11
- Art 11/12
- History 12
- Geography 12
- ICT: Computer Information Systems 11 and 12
- Law 12
- Math 11 and 12
- Physics 12

In order to register in these courses, day school students:

- must have written permission of day school principal
- provide a copy of marks indicating prerequisite course has been completed
- pay $300.00 plus text book rental

Exam Prep Workshops
North Shore Continuing Education offers Exam Prep workshops on three Saturdays in June to help students achieve higher marks on Provincial Exams.

Full Credit Summer Courses ($450 plus books)
North Shore Continuing Education offers full credit 6 week courses through Summer Programs. Information will be available in the school in early May.

To register in any of these programs phone: 903-3333

CAREER RESOURCE CENTRE

Sutherland has a fully functioning **Career Resource Centre**. The Work Experience Facilitator manages this facility, assisting students with work experience and job-shadow opportunities, career information, and providing support for Planning 10 and Graduation Transition Plan. Students in Grade 10, 11 or 12 who would like in-depth career exploration may participate in **WEX 12A** and **WEX 12B Academic Career Programs**.

DISTRICT CAREER TRAINING PROGRAMS

District Career Programs are open to all North Vancouver students. Apprenticeship training is available through any school. Specialty programs listed below are offered at Carson Graham Secondary School. For further information on these program, contact:

Mr. Chris Hough
District Facilitator of Secondary School Apprenticeships
Phone: 604-903-3569
Cell: 778-228-1079
E mail: chough@nvsd44.bc.ca

APPRENTICESHIP TRAINING IN HIGH SCHOOL
An apprenticeship is a training program for trades and technical careers that involves a combination of on the job training and classroom instruction. There are over 150 apprenticable trades in British Columbia. The Industry Training Authority (ITA) is the provincial organization that oversees apprenticeship training. More information is available on the TA website **www.itabc.ca**.

Students are able to begin their apprenticeship training while in high school.
In order to qualify, a student must be:
• 15 years of age or older
• in a paid, part time position in an apprenticable trade
• under the supervision of an experienced worker
• registered with the ITA as a Secondary School Apprentice (SSA)

Once registered as a Secondary School Apprentice:
• On the job hours completed in high school will be applied to the total hours needed to complete an apprenticeship
• Four graduation credits will be given for every 120 hours of work completed to a maximum of 16 credits (8 grade 11 credits, 8 grade 12 credits)
• If the student completes a minimum of 480 hours while in high school, attains a C+ average in their grade 12 year, and is still in an apprenticeship 6 months after graduation, they are eligible for a $1000 tuition voucher to help cover the cost of technical training after graduation.

For more information, or to register as a Secondary School Apprentice,
Contact: Mr. Chris Hough, 604-903-3569 or chough@nvsd44.bc.ca

ACE IT – Accelerated Credit Enrollment in Industry Training
ACE IT is a program offered through the Industry Training Authority (ITA). ACE IT opens the door for high schools to offer level one apprenticeship technical training. Successful students will be registered with the ITA as having achieved this credit. When the student begins their full apprenticeship, they will not be required to return to a post secondary institution in their first year for technical upgrading. ACE IT certification is offered through the BCIT Automotive program and the Cook Training program. Application has been made to offer ACE IT certification through Cosmetology and Carpentry. See the program descriptions below.

Automotive: BCIT Entry Level Trades
Training Automotive
The North Vancouver School District and the British Columbia Institute of Technology have formed a partnership to offer the BCIT Entry Level Trades Training Automotive (ELTT) program at Carson Graham. The intent of this ELTT program is to teach basic skills and theory that will enable a graduate to secure employment as an Automotive Service Technician apprentice. More information is available at the BCIT website **www.bcit.ca**.

The ELTT Automotive program is intended for students entering grade 12. Entry into the program is by application, and enrollment is limited to 16 students. Students who successfully complete the program will receive for:

- High School Graduation
- BCIT ELTT Certification
- Level One Technical Training
- Hour credit towards their apprenticeship

The BCIT tuition of $3500.00 is waived for students completing the program in their grade 12 year. Students can expect to pay approximately $600.00 for text- books and safety equipment.

Students who have graduated as of June 2006 may apply to the program but will be required to pay tuition and priority will be given to grade 12 students.

CHEF TRAINING: FULL TIME

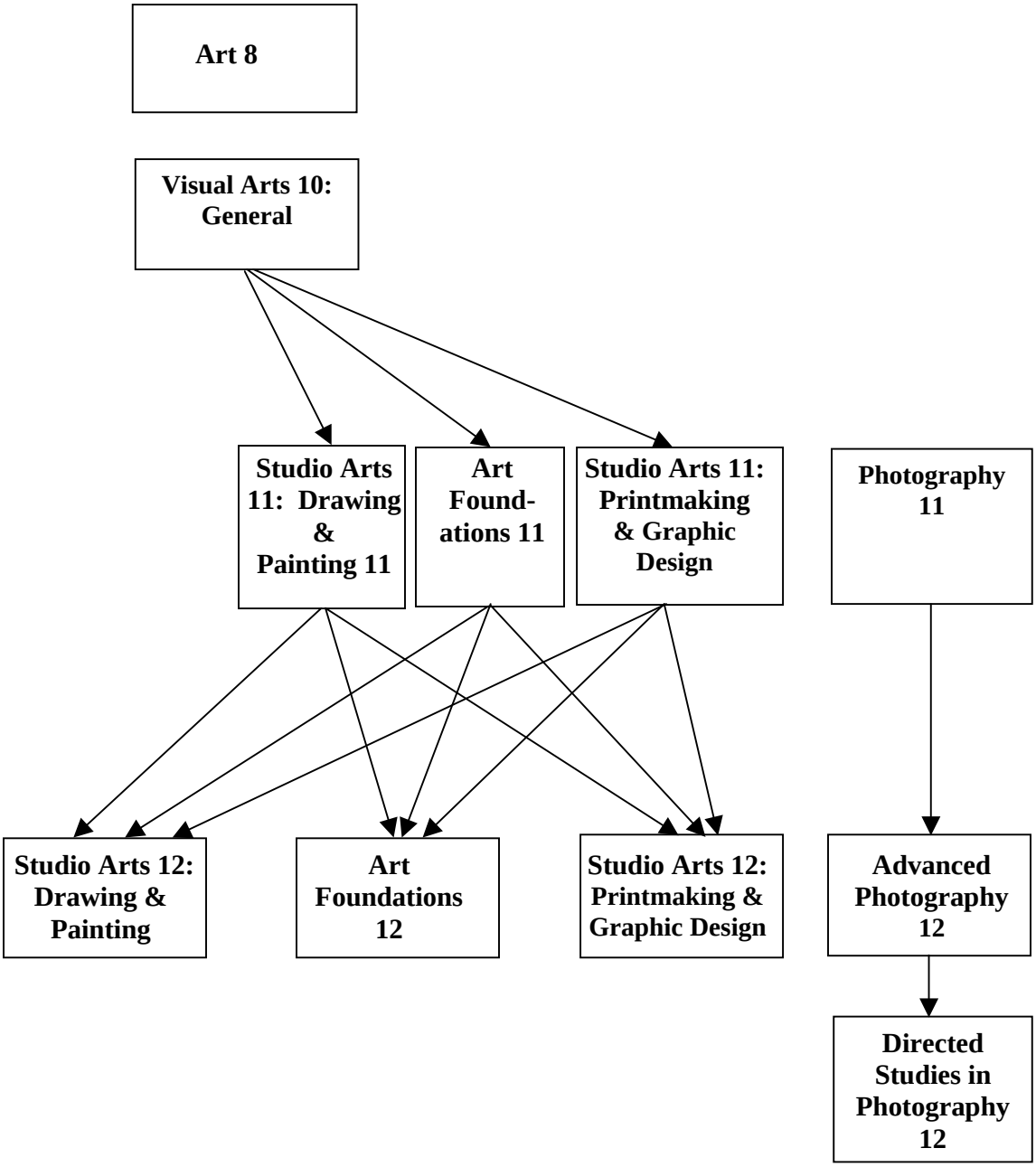
The Full time Chef Training Program is a 2 year program (grade 11 and 12) for students who have made the decision to pursue a career in the Hospitality and Food industry. Students develop culinary skills in the school's instructional kitchen by preparing meals for the student cafeteria, staff dining room, and catering outside functions. Industry theory is taught using the Level One Training guides for apprenticeship training. Students will have the opportunity to write the Industry Training Authority (ITA) level one theory exam in their grade 12 year. A Chef Training student works in the kitchen each morning, and completes academic graduation requirements in a self-paced afternoon program. A work experience practicum in both grades 11 and 12 is compulsory. Instructor permission is required to enroll in this program.

Level One Technical Certification for Apprenticeship Cook Training is available through this program. To be eligible, students must maintain a minimum 70% theory mark in grade 11. Students who meet this requirement will be registered with the Industry Training Authority in grade 12. A combined final mark of at least 70% in practical work and the final theory exam are required to receive Level One Certification.

COSMETOLOGY: FULL TIME

The Full time Cosmetology Program is a 2 year program (grade 11 and 12) for students who have made the decision to pursue a career in the Cosmetology industry. This program involves both a practical and theoretical component. Students complete their academic requirements for graduation in the first semester. The second semester will take place in the school's "Hair Tech" salon, where students develop their practical skills on mannequins, graduating to working on clients. Successful completion of the theoretical component will enable students to write the Industry Training Authority (ITA) level one theory exam in their grade 12 year. A work experience practicum in both grades 11 and 12 is compulsory. Instructor permission is required to enroll in this program. Students in semestered schools are able to attend their home school in the first semester and the Cosmetology program at Carson Graham in the second semester.

ART


Art 8
Visual Arts 10: General
Studio Arts 11: Drawing & Painting 11
Art Found-ations 11
Studio Arts 11: Printmaking & Graphic Design
Photography 11
Studio Arts 12: Drawing & Painting
Art Foundations 12
Studio Arts 12: Printmaking & Graphic Design
Advanced Photography 12
Directed Studies in Photography 12

ART

Supplementary fees for art courses support the use of enhanced materials and artist quality supplies, for art take-home projects, and portfolio development.

ART 8 **(MVA--08)**
This is a course for the beginning art student. No previous experience or special talent for art is required. The primary requirement for success is a reasonable effort during the lessons. The student will experience some of the following activities: the elements and principles of design and color, drawing and painting, ceramics, basic printmaking, cartooning, animation, lettering, sculpture, and art appreciation and awareness. Students will be expected to purchase some special materials and supplies.
Supplementary Fee: $10.00

VISUAL ARTS 10: GENERAL **(4 credits)** **(MVAG-10)**
This is a beginning art course for grade 9 and 10 students interested in working with a range of art materials and themes. Possible work will include: the application of the elements and principles of design, drawing and painting, ceramics, fabric design, printmaking, advertising and sculpture. Art history and criticism will be incorporated into the various units. This course serves as an introduction to all senior level specialty art courses.
Supplementary Fee: $15.00 **Prerequisite: None**

PHOTOGRAPHY 11 **(4 credits)** **(MVAMT11)**
The purpose of this course is to introduce students to developing black and white film and printing black and white photographs. The course will introduce students to a 35 mm. Manual SLR camera. It is required that students develop and print 4 rolls of film successfully, using either a manual or automatic camera. Students are also required to do a research paper on an important photographer of their choosing as well as an illustrated oral presentation to the class. The course serves as an introduction to advanced and independent studies.
Supplementary Fee: $45.00 **Prerequisite: None**

ADVANCED PHOTOGRAPHY (PHOTO 12) **(4 credits)** **(MVAMT12)**
The central focus of this course is to provide students with the experience and knowledge that will equip them to continue life-long studies in photography as competent, innovative, practicing fine art and/or commercial photographers. Students, in consultation with the teacher, will establish photographic themes together with a topic of special research that will be explored in a cohesive body of photographs. They will be compiled and presented in a portfolio by the end of the semester together with a personal artist's statement. As photographers, students will be expected to identify historical and/or contemporary issues of personal relevance and present a cohesive body of work on those issues. Course fee covers most supplies, except for film which may be purchased in class.
Supplementary Fee: $45.00 **Prerequisite: Photo 11**

DIRECTED STUDIES IN PHOTOGRAPHY
(2 or 4 credits) **(MIDS-12A)**
The purpose of this course is to provide senior photography students the opportunity to continue their studies in fine art photography. Emphasis will be placed on research and individualized self-expression using the technical skills learned in previous photography courses. Students, in consultation with the teacher, will establish a process for ongoing learning and assessment based on either a 2-credit or 4-credit course of studies.
Supplementary Fee: $45.00 **Prerequisite for Directed Studies in Photography: Photo 12**

STUDIO ARTS 11,12: DRAWING AND PAINTING (4 credits) (MSADP11, MSADP12)

Drawing and Painting 11 and 12 are courses designed to appeal to the student who is interested in developing a range of drawing and painting skills. Along with developing these technical skills, the student will examine a variety of images and themes used in conjunction with the elements and principles of design, art history and criticism. Since assignments will often be related to the student's own interest, the ability to work independently is important

Supplementary Fee: $20.00 **Prerequisite for DP 11: None**

Prerequisite for MSADP12: MSADP11 or any ART 11

STUDIO ARTS 11,12: PRINTMAKING & GRAPHIC DESIGN

(4 credits) (MSAPG11, MSAPG12)

Graphics 11 and 12 provides students with a background in "Art Prints", involving the concepts of multiple prints and quality print production. Areas of study include intaglio, relief and stencil prints. The student will cover a variety of techniques including monoprints, embossing, lino or woodcuts, collographs, screenprinting, dry point and etching. Basic skills in drawing, designing and commercial graphics will be an important part of this course. An introduction to computer graphics with some involvement in page layout and design, photo manipulation, illustration and animation is planned.

Supplementary Fee: $20.00 **Prerequisite for GR 11: None**

Prerequisite for GR 12: GR 11 or any ART 11

ART FOUNDATIONS 11, 12 (4 credits) (MAF--11)

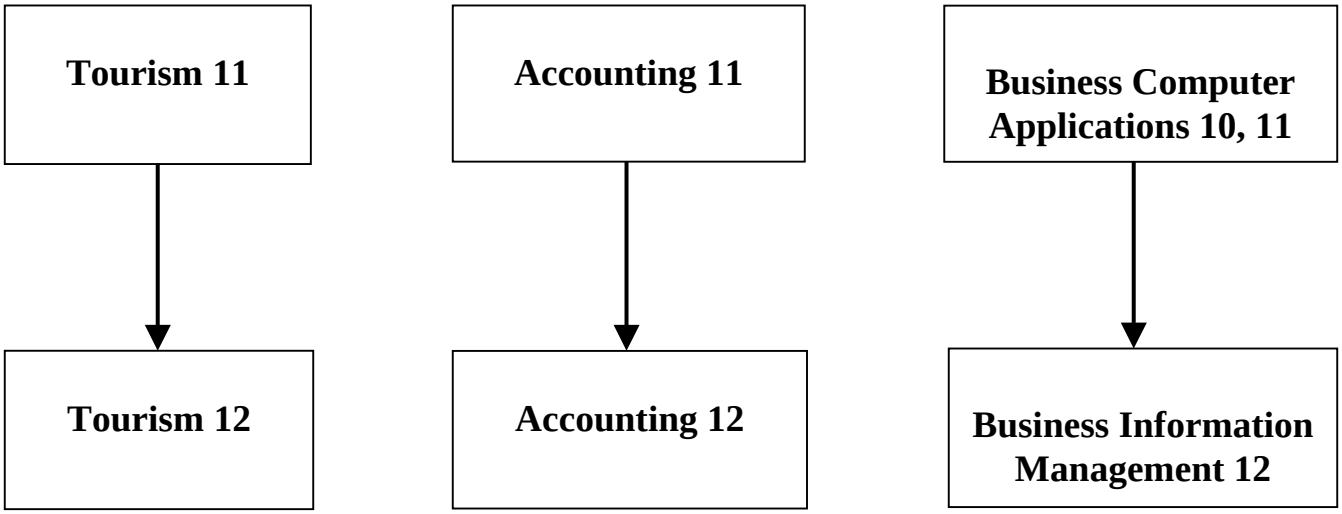
(MAF--12)

These courses provide a variety of art and craft experiences suitable for any student, regardless of art background. Students are introduced to basic design principles in a variety of media and problem-solving situations. Studio work may include an introduction to graphics, drawing and painting, design and sculpture. Students will be shown how to develop both their creative and technical skills. Art 12 will have more assignments related to the student's own interest.

Supplementary Fee: $20.00 **Prerequisite for ART 11: None**

Prerequisite for ART 12: ART 11 or any ART 11

BUSINESS EDUCATION



BUSINESS EDUCATION

ACCOUNTING 11 (4 credits) (MAC--11)

Accounting is the **backbone** of all business programs and is an excellent "springboard" to university commerce and business degrees. Accounting is a system used to track and organize personal and business financial activities. In this introductory course, you will learn to analyze and record business transactions and be taught how to produce financial papers such as Income Statements and Balance Sheets. You will gain computer experience by working with MS Excel, MS Word and ACCPAC Simply Accounting. An accounting simulation and career exploration are included in the curriculum.

Supplementary Fee: $25.00 **Prerequisite: None**

Covers the cost of student workbook

APPLIED ACCOUNTING 12 (4 credits) (MACC-12)

This senior course should be mandatory for anyone **entering the world of business** or a post-secondary program in commerce or business administration. In this course, content will include merchandise accounting, bank reconciliation, payroll, adjusting and closing journal entries, worksheets, and financial and ratio analysis. **Computer software** used will include Works, Excel and ACCPAC Simply Accounting. **Accounting simulations** will be used, including a modified Monopoly game where you will set up a company and compete against other firms.

Prerequisite: AC 11

TOURISM 11 (4 credits) (MTRM-11)

Tourism 11 is a course designed for those interested in pursuing a career in the Tourism and Hospitality Industry OR working in the field part-time while pursuing other educational goals. Students will be given the opportunity to earn the following professional certificates: Food Safe-Level 1, Super Host, Serving It Right. These certificates are a valuable addition to any resume

Supplementary Fee: $70.00 – covers professional certification which would cost approximately $150 per course if taken outside the school.

Prerequisite: None

TOURISM 12 (4 credits) (MTRM-12)

Tourism 12 is an extension of Tourism 11. Students will be required to complete an independent learning package where they will research and do a class presentation on *Vacationing in Vancouver, BC, Canada, and a Foreign Destination.* The student must be highly motivated as they are responsible for their own independent learning under the guidance and supervision of the classroom teacher.

Prerequisite: Tourism 11

BUSINESS COMPUTER APPLICATIONS 10 (4 credits) (MBEG-10)
11 (4 credits) (MBCA-11)

All students should take this course. This foundation course in business application systems is designed to develop students' computing skills in practical areas: keyboarding proficiency both as a personal skill and as a foundation for career development, word processing, spread sheets, database management, business communications and presentations. By the end of the term, students will be efficient touch-typists and be able to confidently produce the documents required in high school, university and business.

Supplementary Fee: $10.00 **Prerequisite: None**

Covers the cost of paper and supplies necessary to meet the required learning outcomes

BUSINESS INFORMATION MANAGEMENT 12 (4 credits) (MBIM-12)

This course is a second level word processing and business computer applications course. It will include producing documents using word processing and desktop publishing software, business communication methods and strategies, and business presentation skills. The skills learned in this course will be valuable to a wide variety of career goals – not just those specifically in business.

Supplementary Fee: $10.00 **Prerequisite: Business Computer Applications 11**

Covers the cost of paper and supplies necessary to meet the required learning outcomes

CAREER PROGRAMS & PLANNING

HEALTH AND CAREER EDUCATION 8 AND 9 **(MHCE-08)**
(MHCE-09)

Health and Career Education 8 & 9 focus on Personal and Career Development and the Planning Process. The learning outcomes include healthy living, suicide prevention, child abuse prevention, substance abuse prevention, safety and injury prevention, money management skills, goal setting, family life education, and first aid.

PLANNING 10 **(MPLAN10)**

Personal Planning 10 is a Ministry of Education required course for graduation on the 2004 graduation program. This course is designed to help students develop the confidence and skills they need to become self-directed individuals who display initiative, set priorities, establish goals, make thoughtful decisions, and take responsibility for pursuing their goals in an ever-changing society. Planning 10 also encourages students to explore a full range of career and education choices; to think about their prospects for success in those careers; and to plan the actions required to pursue their chosen career paths and post-secondary education destinations.

Personal Planning 10 supports student achievement in the areas of:

- Education planning
- Career development
- Healthy decision-making, and
- Financial literacy.

A Graduation Transition Plan that will help students set goals for post-secondary education or career pursuits will be introduced during Planning 10.

ACADEMIC CAREER PROGRAMS (WEX12A & WEX12B)
MINISTRY-AUTHORIZED WORK EXPERIENCE COURSES

Participation in an Academic Career Work Experience Program will give students credit for Ministry Work Experience 12 ~ WEX12A and WEX12B. These elective courses can earn students four Grade 12 credits for each 100 hours of completed work experience. In order to get credit for WEX12A and WEX12B, students must:

1. Complete approximately 100 hours of **work experience for each of WEX12A and WEX12B.**
2. Completed Planning 10
3. Participate **in an orientation** in preparation for the workplace.

Work Experience

Work experience for WEX12A and WEX12B is meant to take place outside of school. Work experience will provide students with an opportunity to participate in, observe or learn about the performance of tasks and responsibilities related to an occupation or career. Activities and extensions of in-school courses or extra-curricular activities do not count as Ministry-Authorized work experience placements for an academic career program. Some activities that are eligible include:

- Hands-on work experience at a standard work site** (business, government, self-employed, non-profit, or volunteer organization) that is supervised by a work site sponsor
- Job shadowing a worker at a standard work site**
- Career mentoring with a worker at a standard work site**
- Hands-on work experience at a non-standard community site created specifically for work experience (eg. school district training facility)

- Career simulation activities at a non-standard community site for occupations where hands-on work experience is not available (such as the Fire Fighters Career Day).
  ******A standard worksite is "a location… at which a worker performs the tasks and responsibilities related to an occupation or career under the general supervision of a work site employer." In other words, a standard worksite is a location where you are under the supervision of a paid employee of the company.

In most cases, work experience will consist of school-arranged, non-paid placements. The use of paid employment for credit will occur in special circumstances only, such as an apprenticeship. Students, their parents and the employer must sign a Work Experience Agreement Form before a work placement begins. It is the student's responsibility to keep up with their regular schoolwork and to inform their classroom teachers about any missed classes due to work experience.

In General
Students may begin the WEX12A course in Grade 10 and continue through until May of their Grade 12 year, if required. A final letter grade and percentage mark will be given upon completion of the course.

Students wishing to participate in an Academic Career Program should indicate this on the electives space of their course selection sheet.

Academic Career Programs provide an opportunity for students, teachers, employers, parents and community organizations to co-operate in achieving one very important goal: preparing youth for the future. Please contact The Work Experience Facilitator for more information, 604-903-3500, ext 235.

REQUIRED STANDARDS FOR GRADUATION

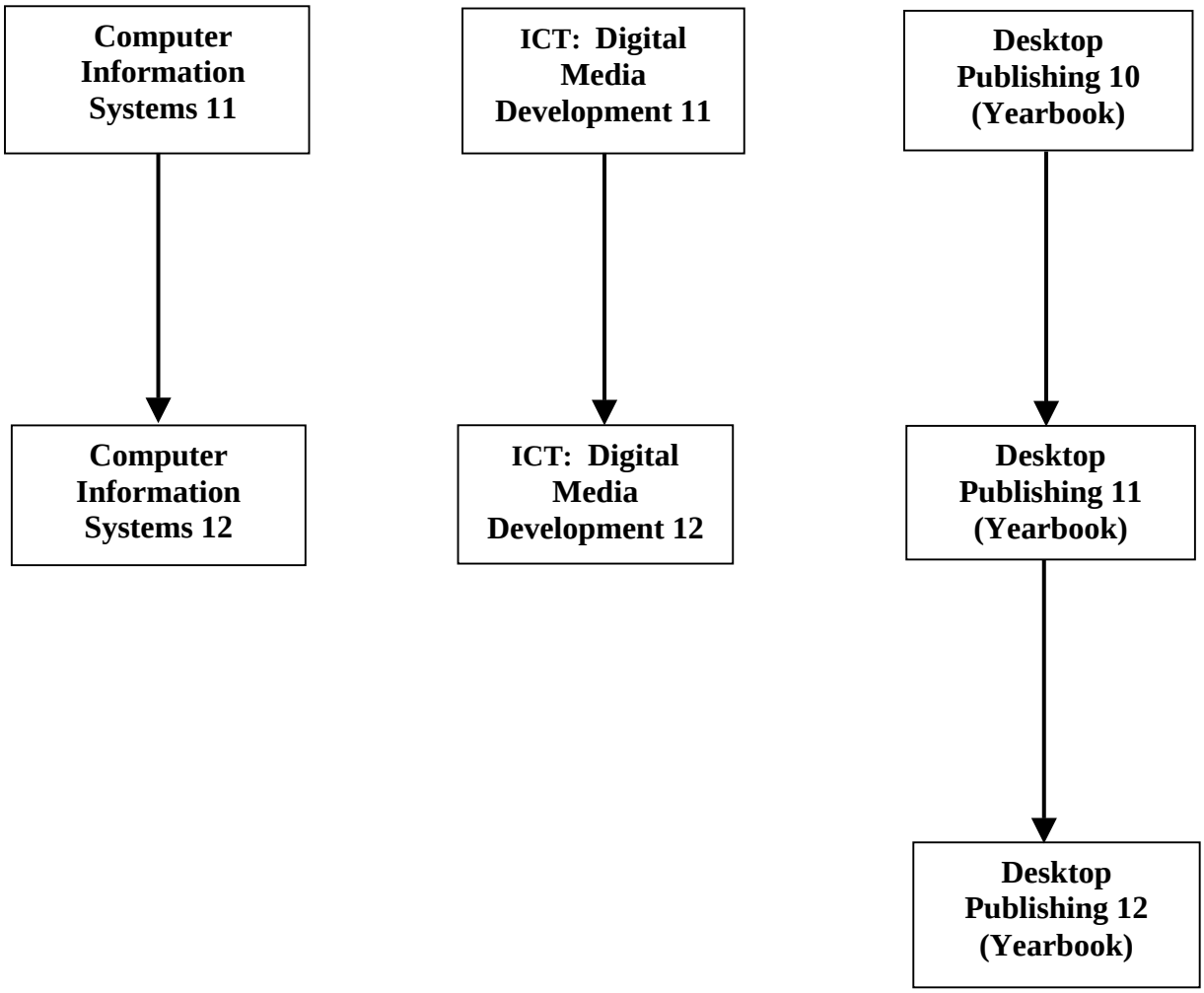
The Ministry of Education and our School District will provide specific information in the Spring as to how graduating students will provide documentation of the following standards that will be required for graduation:

1. 80 hours of physical activity (in addition to PE 10 requirements.

2. A graduation transition plan that will help students set aside goals for post-secondary education or career pursuits.

3. 30 hours of work experience or community service.

INFORMATION TECHNOLOGY



ICT: COMPUTER INFORMATION SYSTEMS 11 (4 credits) (MICTS11)
Information Technology 11 is a course designed to further develop the skills of students in the content areas of Web Page development, computer programming, multimedia and electronic communications. Interest in developing computer skills is a must! Strengths in math, analytical thinking, logical reasoning and attention to detail will help students succeed in this course. The course will use a variety of programs available including Photoshop CS2, Dreamweaver, and Flash MX, as well as programming languages such as JavaScript and Visual Basic. ICTS 11 is a project-based course and individuals will be encouraged to challenge their skill set.

ICT: COMPUTER INFORMATION SYSTEMS 12 (4 credits) (MICTS12)
The fundamentals of Webpage Design and Computer Programming are the main focuses of this course. Information Technology 12 takes students more deeply into professional web page design. Students will learn how to create web graphics, make Flash animations and learn about graphic design in relation to a Website. The programming aspect of this course will focus on solving real life problems using an object-oriented approach to programming. Students in IT 12 will be required to work as both an individual and in a team environment. This course is project based and students will be encouraged to explore and challenge their skill set and advanced projects will be supported.

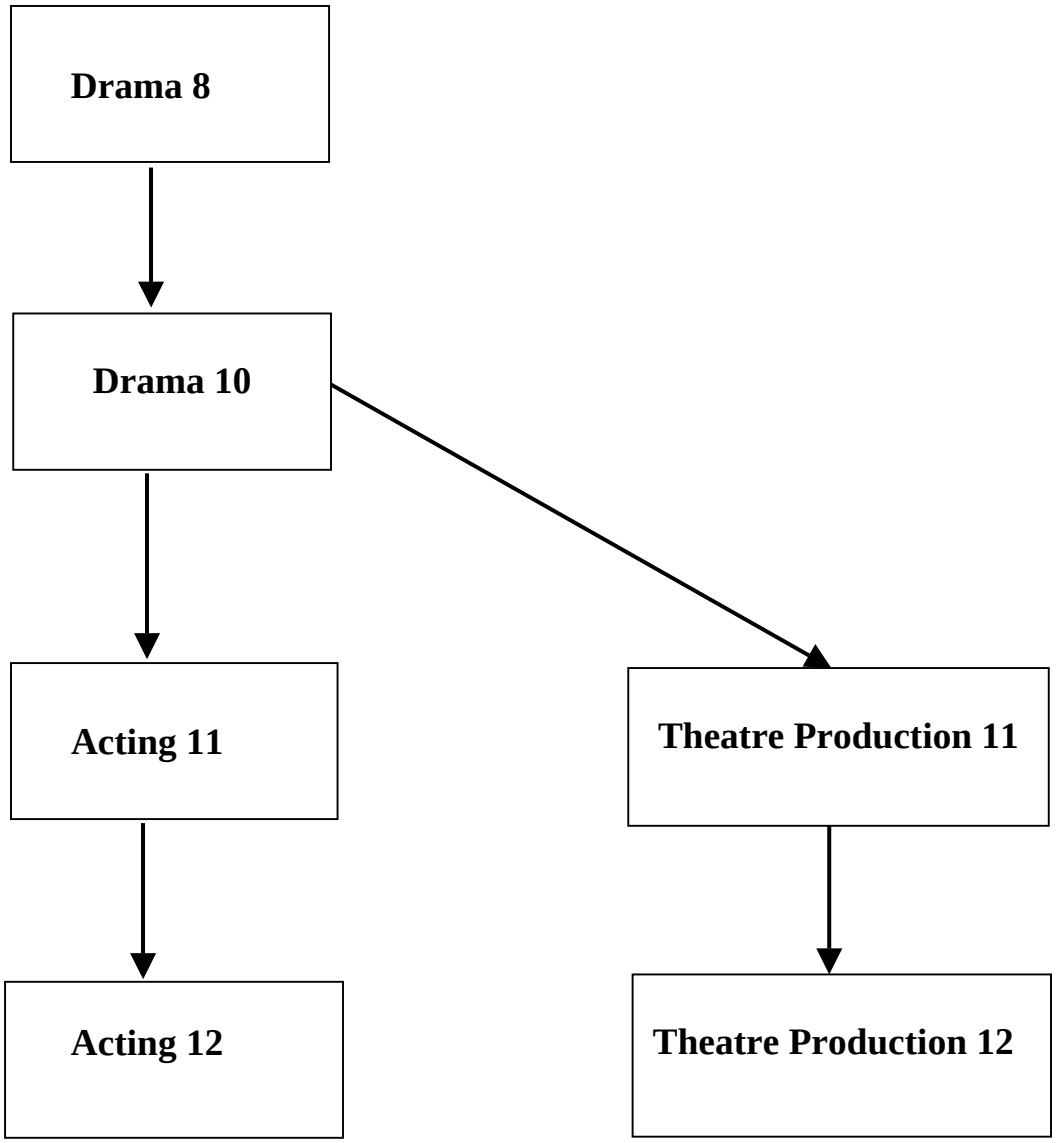
Prerequisite: MICTS11

ICT: DIGITAL MEDIA DEVELOPMENT 11
(4 credits) (MICTM11)
Digital Media 11 focuses on developing the knowledge, skills and attitudes students need to respond to digital images and create art using computer technology. The main topics in Digital Media 11 are digital image editing and computer animation. Students in Digital Media 11 will use Photoshop Creative Suite 2 to edit, create, and develop images. They will also study and use Flash MX to create multimedia computer animations. Students will have access to digital cameras, scanners, graphic tablets, and Adobe Creative Suite software to advance their knowledge of computer graphics. The fee covers the cost of paper, printing, disks and CDR's for student projects.
Supplementary Fee: $15.00

ICT: DIGITAL MEDIA DEVELOPMENT 12 (4 credits) (MICTM12)
Students further advance their knowledge of the foundations developed in MICTM 11. Students use computers, scanners, graphic tablets and digital cameras to create and manipulate personally meaningful images, graphic designs and media productions, with an emphasis on Graphic Design principles. Students also investigate and critically examine the social, cultural and historical contexts of media arts in order to gain an understanding of the role and influence of media in society. This course is project based and students will be encouraged to explore and challenge their skill set and advanced projects will be supported.
Supplementary Fee: $15.00 **Prerequisite: MICTM11**

DESKTOP PUBLISHING 10, 11, 12 (YEARBOOK) (4 credits) (YDTP-10)
(4 credits) (YDTP-11)
(4 credits) (YDTP-12)
Yearbook is an exciting course in which students create Sutherland's yearbook. Skill in areas such as English, computers, photography, marketing, arts and graphics are useful and will be developed. Students from grade 10 - 12 are encouraged to participate. However, a high level of maturity (along with the ability to work cooperatively, responsibly and independently) is essential because students must be willing and able to work outside the classroom setting. Admission is by application form.

DRAMA


Drama 8
Drama 10
Acting 11
Theatre Production 11
Acting 12
Theatre Production 12

DRAMA

DRAMA 8 **(MDR--08)**

This is an introductory course designed to enhance the students' self-esteem, concentration, imagination, creativity and personal growth. Through a variety of activities, including theatre games, improvisation, group storytelling, readers' theatre and the beginnings of scripted work, students will learn how to collaborate productively and cooperatively while developing basic drama skills. The language of the theatre will be introduced. Theatre discipline will be stressed, and a professional approach to work in the theatre space will be encouraged. Occasional written quizzes will test student learning. One field trip per semester will be undertaken, with an associated assignment. Field trips are not obligatory; students not participating will be given alternate assignments. ***Participating students will individually cover the cost of tickets and transportation.*** A performance exam will be required to successfully complete this course.

Prerequisite: None

DRAMA 10 **(4 credits)** **(MDRR-10)**

In this course, students will engage in activities that will enhance their self–esteem, concentration, communication, imagination, creative expression and ability to cooperate with peers. Activities such as sensory awareness, dance and movement, choral readings, mime, improvisation, characterization and scripted scene work will serve as springboards for increasing student knowledge of theatre craft. Theatre discipline will be expected, and a mature approach to work in the theatre space is required for success in this course. Up to two field trips per semester will be undertaken, with associated assignments. Field trips are not obligatory; students not participating will be given alternate assignments. ***Participating students will individually cover the cost of tickets and transportation.*** Some assignments will require independent written work outside school hours. Some focus will be placed on theatre background, including vocabulary, stagecraft, history and literature. A performance exam will be required to successfully complete this course.

Prerequisite: None

ACTING 11 **(4 credits)** **(MTPA-11)**

This course will further develop and refine acting skills, techniques and theatre knowledge previously acquired in other drama courses and/or practical experience. A professional approach to work in the theatre space is required, with a high level of maturity being the expectation. Students are expected to fully participate in such activities as improvisation, readers' theatre, monologue performances, scripted scene work and playlets. Study of theatrical literature and styles of acting will be undertaken, and students are expected to develop their ability to analyze, explore and discuss the work of playwrights, performers and fellow students. Students may be asked to participate in public performances for school or outside audiences. Up to two field trips per semester will be undertaken, with associated assignments. Field trips are not obligatory; students not participating will be given alternate assignments. ***Participating students will individually cover the cost of tickets and transportation.*** Students should expect to complete a number of assignments which require independent written work outside of school hours. A performance exam will be required to successfully complete this course.

NB: Grade 10 students wishing to enroll in this course must seek the written permission of the course instructor prior to requesting this course

Prerequisite: Drama 10 recommended

ACTING 12 (4 credits) (MTPA-12)

This course runs concurrently with the Acting 11 course, and is designed for students who have shown exceptional promise and motivation in performance theatre in previous years. It will give the senior student practical experience in the acting environment. Special attention will be paid to styles of acting, movement, characterization, vocal development, and rehearsal, production and performance experience. ***Students wishing to take this level must be aware they are required to assist with the school drama productions to receive credit.*** These students are expected to provide leadership to less experienced members of the class. They will be expected to research, select, direct, and rehearse scenes and playlets, working both individually and in small groups. Students may be asked to participate in public performances for school or outside audiences. Up to two field trips per semester will be undertaken, with associated assignments. Field trips are not obligatory; students not participating will be given altlernate assignments. ***Participating students will individually cover the cost of tickets and transportation.*** Students should expect to complete a number of assignments which require independent written work outside of school hours. A performance exam will be required to successfully complete this course.

Prerequisite: Acting 11

THEATRE PRODUCTION 11 (4 credits) (MTPR-11)

This course is outside of school hours, and will provide training in one or more of the following areas: set design and construction, lighting and sound design and delivery, costume and make-up, promotion, front of house and other aspects of off-stage theatre work. This course will provide manuals, hands-on experience and practical assignments associated with school drama productions. To receive credit, students must assist with school drama productions to the satisfaction of the instructor. This will include producing plans and written designs, attending meetings and rehearsals, and operating as technical crew for performances, etc.

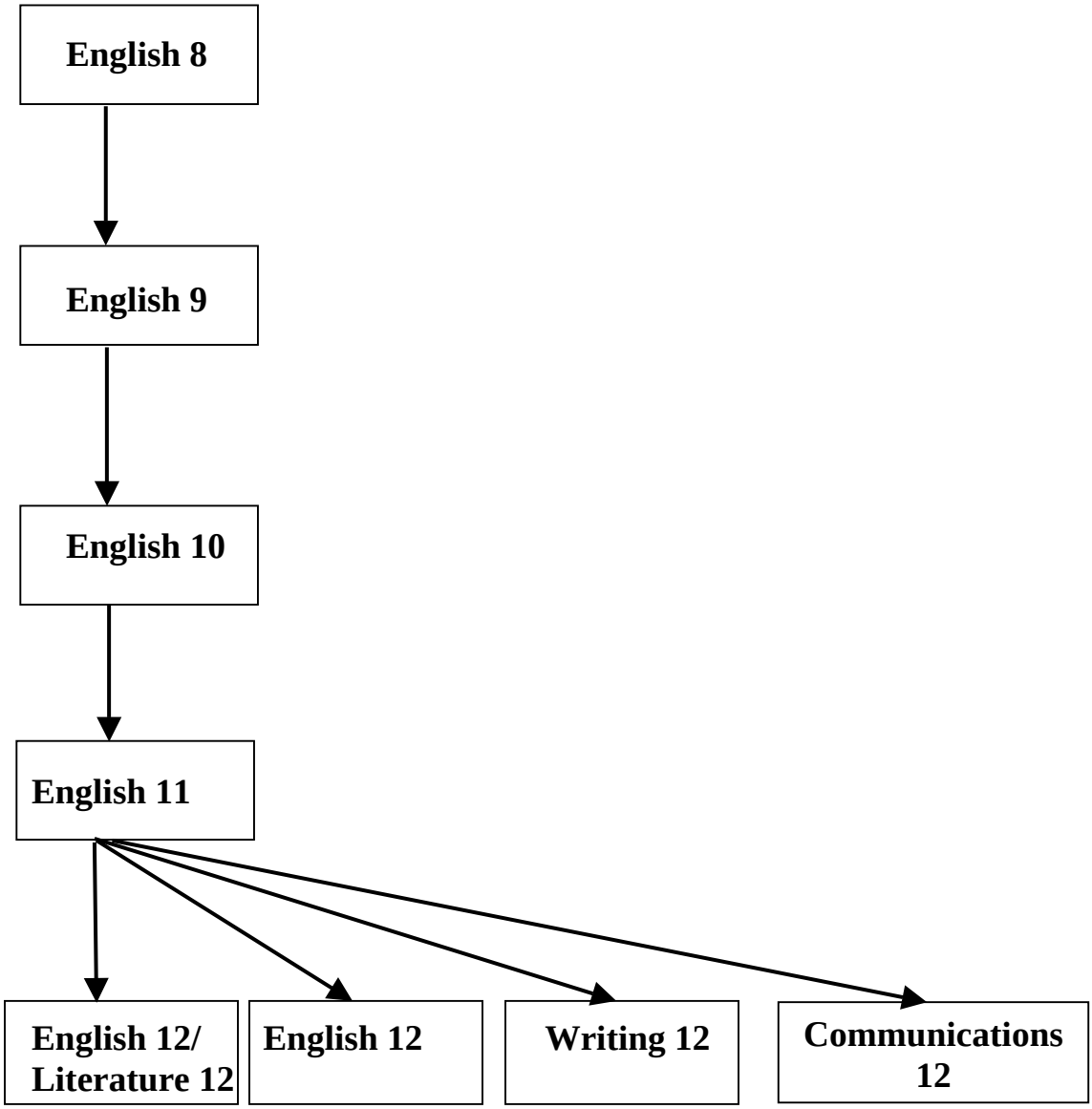
Prerequisite: Instructor's permission

THEATRE PRODUCTION 12 (4 credits) (MTPR-12)

This course is outside of school hours, and will provide training in one or more of the following areas: set design and construction, lighting and sound design and delivery, costume and make-up, promotion, front of house and other aspects of off-stage theatre work. This course will provide manuals, hands-on experience and practical assignments associated with school drama productions. To receive credit, students must assist with school drama productions to the satisfaction of the instructor. This will include producing plans and written designs, attending meetings and rehearsals, and operating as technical crew for performances, etc.

Prerequisite: Theatre Production 11 and Instructor's permission

ENGLISH


English 8
English 9
English 10
English 11
English 12/ Literature 12
English 12
Writing 12
Communications 12

ENGLISH

ENGLISH 8 **(MEN--08)**

Students will spend part of their time in this course developing writing skills. The basics of grammar will be taught and applied to writing practice with sentences, paragraphs, and personal letters.

Significant time will be spent on the study of English literature. Students may read and respond to novels, short stories, poems, myths and non-fiction.

Some practice in oral presentation is also part of the course.

ENGLISH 9 **(MEN--09)**

Part of this course will be spent on learning to write effectively. In addition to involvement in all stages of the writing process, English 9 students will work to improve their editing skills. Formats to be practised at this grade level include the three basic paragraph types: narrative, descriptive, and expository.

The other part of this course will focus on the exploration of literature, both fiction and non-fiction, with an emphasis in fiction on understanding character. Students may read and respond to book-length fiction and non-fiction works, short stories, poems, myths and plays.

Some practice in oral presentation is also part of the course. **Prerequisite: English 8**

ENGLISH 10 **(4 credits)** **(MEN--10)**

Half of English 10 will be spent on the writing process. More sophisticated formats will be practised, especially the essay and character sketch. Students will continue to work individually on improving their editing skills.

In the literature half of this course, the focus will be on following a topic (or theme) through a variety of genres. This study may include reading novels, short stories, poems, a non-fiction book, and a full length play (most likely a Shakespearean work). Students will be required to read, study, analyse, and respond to the literature.

Some practice in oral presentation is also part of the course. **Prerequisite: English 9**

ENGLISH 11 **(4 credits)** **(MEN--11)**

This course will focus on the clear, direct, and precise writing and speaking of English, with an emphasis on the writing of formal and informal essays.

Students will read and view a variety of communications and respond to a variety of genres of literature with more focus on critical analysis.

Some practice in oral presentation is also part of the course. **Prerequisite: English 10**

ENGLISH 12 **(4 credits)** **(MEN--12)**

Students will be required to practice various types of writing, including expository writing, especially in the argumentative and persuasive modes, and to improve their writing of essays. Continuing attention will be paid to practical writing skills.

In their literature studies, students will identify, describe and evaluate attitudes and themes in works they read, and evaluate the literary merit of those works. As in previous courses, students will study and respond to literature in a variety of genres: one or two novels, essays, poems, short stories and plays. Some practice in oral presentation is also part of the course. **Prerequisite: English 11**

ENGLISH 12/LITERATURE 12 **(8 credits)** **(MLIT-12)**
(MEN--12)

This combined course gives students credit for both English 12 and Literature 12 and students are enrolled in the course from September to June.

They write their government provincial exam in English 12 in January when they receive their mark for English 12, and they write their government provincial exam in Literature in June when they receive their Literature mark.

However, the English 12 portion of the course ends mid November in order to allow full coverage of the Literature course from November to June. We are able to do this because the beginning of the Literature course covers poetry and drama, which are also requirements for English 12. Therefore the student is fully prepared for the English exam while getting ahead in the Literature course at the same time.

The Literature 12 course is a survey course of the history of English literature from the Anglo-Saxon era to the Modern Era. Poetry is the main genre, but there are several plays, novels, short stories and essays that will also be studied. This is a tour de force of English history and literature.

Prerequisite: English 11

LANGUAGE STRATEGIES 10A **(YLGS-10)**

This course is the prerequisite to English 10 for the ESL learner. The course provides the skill building necessary for successful completion of English 10, which follows in the next semester. Students who have completed Level 4 ESL are typically at a Grade 8 reading/writing level. This course will, therefore, strengthen language skills as well as introduce the study of story elements in literature through Greek myths, modern short stories and a novel. An on-going study of grammar structure and composition is included. Listening and speaking skills are also provided at a more advanced level in preparation for English 10. **Prerequisite: ESL 4**

LANGUAGE STRATEGIES 10B – ENGLISH 10 (ESL) (4 credits) **(MEN--10-LS)**

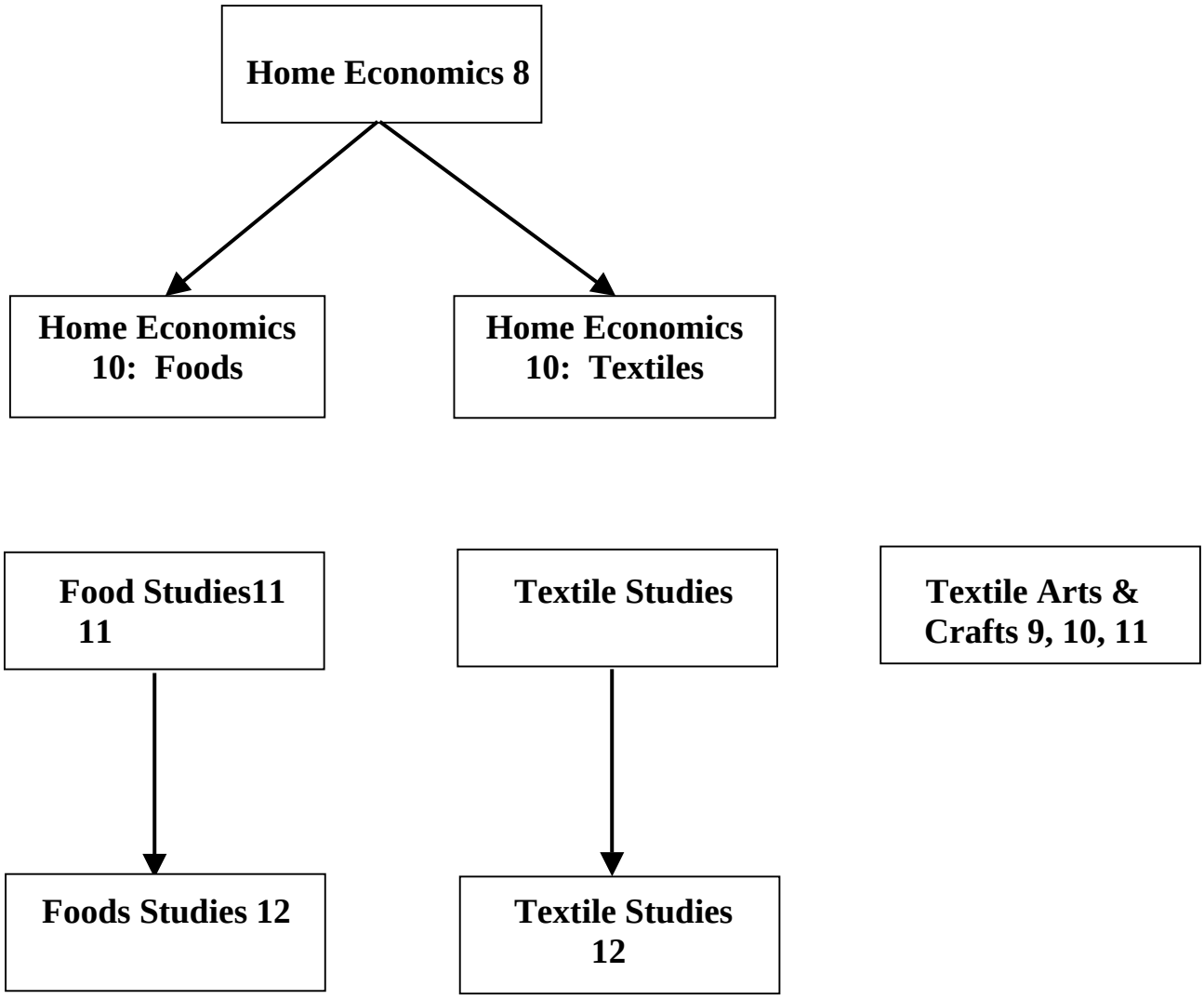
The students will complete the regular Grade 10 curriculum. This will include the study of literature: short stories, poetry, novels and a Shakespearean play. This course will also follow the writing requirements, in particular the essay of the regular English 10 course. There will be an emphasis on building vocabulary and fluency in speaking, writing and on increasing reading ability and speed to meet the requirements of senior English courses. An on-going study of grammar structure is included. This course is a provincial examinable course worth 20% of the final mark.

Prerequisite: Language Strategies 10A

WRITING 12 (4 credits) (MWR--12)

This is a course for writers. We will be exploring writing skills, styles and genres. The course is constructed to involve as many types of writing as possible. We will work towards the type of writing it takes to do well in college, university, professional writing or just life in general. Some examples of the type of writing we'll be doing are script writing; descriptive, narrative and expository essays; poetry; book and movie reviews; short stories; editorials and there's even room for personal choice. Learning to self-edit and peer-edit will also be a focus; in addition, there will also be one-on-one teacher-student tutorials. If you love writing, this is the place to be. *Priority will be given to grade twelve students, but grade eleven students are welcome.*

HOME ECONOMICS



HOME ECONOMICS

Supplementary fees for Home Economics courses support take-home projects and enhancement materials.

HOME ECONOMICS 8 **(MHE--08)**
This course consists of a foods and healthy eating component and a clothing component. In the foods section, the students will be introduced to Canada's Food Guide, the theory of food nutrients, healthy recipes, and basic food preparation techniques. In the clothing component, the students will learn basic sewing skills through the construction of a chef's apron and a stuffed animal. Supplementary fee will include all necessary food items, fabric, pattern and sewing notions required to complete the apron and stuffed animal.
Supplementary Fee: $30.00

HOME ECONOMICS 10: TEXTILES **(4 credits)** **(MHET-10)**
This Textiles course gives an introduction to basic sewing techniques. Students will complete a purse or quilted cushion, a T-shirt, sweatshirt and a pair of sweatpants. All materials are to be supplied by the student for their 3 garment projects.
Supplementary Fee: $20.00 **Prerequisite: None**

TEXTILE STUDIES 11 **(4 credits)** **(MTEX-11)**
Students will learn intermediate sewing techniques as they will complete a purse or quilted cushion and three projects using specialty fabrics (plaids, rayon, silk, knits, chiffon, etc.). All materials are to be supplied by the student for their 3 garment projects.
Supplementary Fee: $20.00 **Prerequisite: None**

TEXTILE STUDIES 12 **(4 credits)** **(MTEX-12)**
Students will learn advanced sewing techniques through the completion of a variety of sewing projects using specialty fabrics. A quilted cushion or purse and a three-piece coordinated outfit will be completed All materials are to be supplied by the student for their three-piece coordinated outfit.
Supplementary Fee: $20.00 **Prerequisite: TEX 11**

TEXTILE ARTS & CRAFTS 10, 11, 12 **(4 credits)** **(MHET-10-AC)**
(4 credits) **(MTEX-11-AC)**
(4 credits) **(MTEX-12-AC)**
Textile Arts and Crafts 10, 11, 12 gives an introduction to the art elements and principles of design using fabric, foam, paper, tile, yarn, rock, dried and silk flowers. Projects created include rock painting, a door knob hanger, tile painting, a friendship bracelet, gift crackers, choice of project, stuffed animal, a scarf <u>or</u> a fabric/knitted purse <u>or</u> a quilted cushion <u>or</u> a flower arrangement. Materials for the choice of project and stuffed animal are to be supplied by the student.
Supplementary Fee: $25.00 **Prerequisite: None**

HOME ECONOMICS 10: FOODS **(4 credits)** **(MHEF-10)**
Students will learn the basics of baking and cooking through the production of a variety of muffins, biscuits, cakes, cookies, casseroles, pasta dishes, soups, etc. Students will be expected to complete foods related worksheets and unit tests and quizzes. Attendance and cooperation ARE essential due to equipment safety and nature of the course.
Supplementary Fee: $25.00 **Prerequisite: None**

FOOD STUDIES 11 **(4 credits)** **(MFDS-11)**
Students will learn about advanced baking and cooking skills in Food Studies 11. They will make cakes, yeast breads, pastry, and main course meals. Nutrition and consumerism will also be studied. Attendance and cooperation are essential due to equipment safety and nature of the course.
Supplementary Fee: $30.00 **Prerequisite: MHEF 10 preferred but not required**

FOOD STUDIES 12 **(4 credits)** **(MFDS-12)**
Foods Studies 12 is an extension of Foods Studies 11 and is more self-directed and technical in nature. Advanced techniques will be taught in all areas of food preparation.
Supplementary Fee: $30.00 **Prerequisite: MFDS-11**

BOARD/AUTHORITY AUTHORIZED COURSES

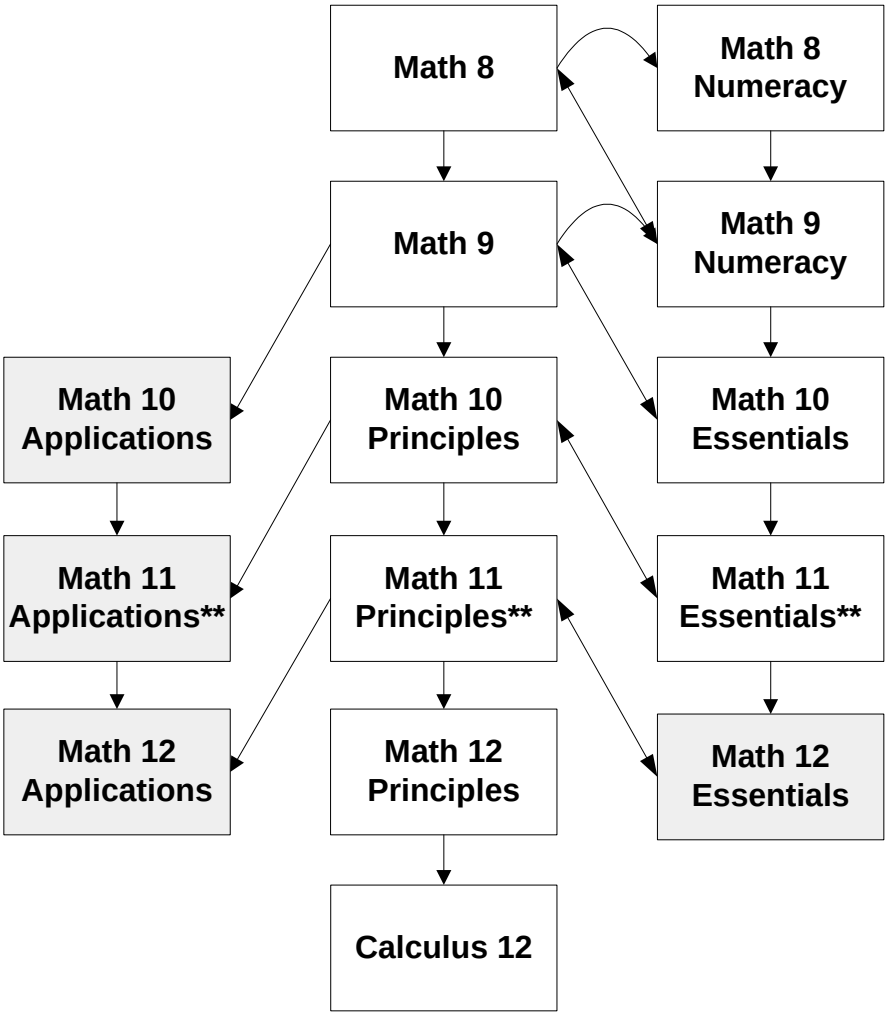
Board/Authority Authorized Courses are courses offered by School Boards to meet local needs and student interests. There is no limit to the number of Board/Authority Authorized Courses, formally known as locally developed courses, that may be used as part of the 28 elective credits needed to fulfill the graduation requirements for the Graduation Program 2004. Sutherland Secondary offers three BAA courses for credit towards graduation (Peer Counselling, and senior ESL). These courses are worth 4 credits each towards graduation at the grade 10, 11, and 12 levels respectively. All other grade 10, 11, and 12 courses offered at Sutherland are Ministry of Education developed and designed courses.

PEER COUNSELLING 12 (4 credits) (YPCOU12)
This programme is appropriate for students in Grades 10, 11 or 12 who are positive in their outlook, self-directed, have leadership capabilities and who enjoy helping others. Students in Peer Counselling will be trained in a variety of interpersonal and communication skills. Training takes place through a three day residential retreat, regular meeting times and various other training sessions. Peer Counsellors will be involved in a variety of activities such as being a peer tutor, a peer helper, working with Grade 8 students, showing new students around the school, attending outside conferences and workshops, and becoming involved in community programs. Periodic self-assessments will occur in the areas of participation, leadership, personal growth, skill development and school and community involvement. Students who are interested should see their counsellor for an application form as enrollment is limited and based on a committee decision. The course fee covers the cost of the fall training session.
Supplementary Fee: $70.00 **Prerequisite: None**

E.S.L., L.A.C. – See Student Support Programs.

MATHEMATICS

Math Pathways



** = Provincial Graduation Requirement

MATHEMATICS

The basic aim of Sutherland Secondary School is to enable students to become numerate citizens who use logic and a variety of mathematical methods to problem solve. We strive to encourage students to recognize the importance of mathematics in their everyday life, to develop confidence in their ability to problem solve, and to develop critical thinking skills.

MATHEMATICS 8 (MMA--08)

Mathematics K-12 has been developed into four strands: Number, Patterns and Relations, Shape and Space, and Statistics and Probability. In the Mathematics 8 program students will study topics involving number operations, an introduction to algebra, measurement (3-D Objects and 2-D Shapes), geometry, data analysis and chance and uncertainty. There will be an emphasis on problem-solving and improving basic mathematics skills in this course. Students will require a scientific calculator for this and subsequent mathematics courses.

MATHEMATICS 8 NUMERACY (MMA--08)

This course is intended for students who have had difficulty with mastering the mathematics skills required for Mathematics 8 in the elementary school. Students successful in this course may enroll in Mathematics 8 in the second semester. They will be exposed to topics in the first semester which will develop their basic arithmetic skills and enable them to better cope with the topics offered in Mathematics 8. After completion of Mathematics 8 Numeracy students may opt to enroll in Mathematics 9 Numeracy.

Students are recommended for this program by their grade seven teachers after consultation with the Sutherland Mathematics Department. Parents are informed by the elementary school principal of the opportunity for enrollment in this program. **This program does not appear on the selection sheet.**

MATHEMATICS 9 (MMA--09)

This course will continue to develop the four strands, Number, Patterns and Relations, Shape and Space, and Statistics and Probability. The topics in this course will have an emphasis on algebra and geometry. Students who have an above-average ability are encouraged to write the Pascal Mathematics Contest and to proceed to Mathematics 10 Honours the following year. **Prerequisite: Mathematics 8**

MATHEMATICS 9 NUMERACY (MMA--09)

Enrollment in this course will be decided by recommendation of the grade 8 teachers in consultation with the student and parents. Students will be given time to reinforce their numeric skills, and in addition, will continue their study of the four strands in Mathematics 9. These strands consist of Number, Patterns and Relations, Shape and Space, and Statistics and Probability. Students successful with Math 9 Numeracy will enroll in Math 9 or Essentials of Math 10. **Prerequisite: Mathematics 8 or MA8I**

PRINCIPLES OF MATHEMATICS 10 (4 credits) (MMA--10)

The aim of Principles of Mathematics is to develop formal mathematics skills to prepare students for the study of Calculus. Math 10 students in all pathways are required to write a provincial final exam. This course emphasizes a further development of algebraic skills. Students will learn to solve quadratic and linear equations and then be given the opportunity to apply the solutions to realistic problem-solving application. A major emphasis of the course will include topics in coordinate geometry, trigonometry, algebra, series and sequences and data analysis. **Prerequisite: Principles of Mathematics 9**

PRINCIPLES OF MATHEMATICS 10 HONORS (4 credits) (MMA--10)
The topics covered in Principals of Mathematics 10H are the same as in Principals of Mathematics 10. Math 10 students in all pathways are required to write a provincial final exam. Students will be exposed to the topics at a higher level of difficulty. Principles of Mathematics 10H students will write the same unit tests and final exam as students enrolled in Principals of Mathematics 10. Students will be expected to write the Cayley Mathematics Competition. **Prerequisite: Principles of Mathematics 9**

ESSENTIALS OF MATHEMATICS 10 (4 credits) (MEMA--10)
The aim of the Essentials of Mathematics pathway is to provide students with the essential numeracy skills and concepts to allow them to be successful in their daily life. Math 10 students in all pathways are required to write a provincial final exam. Students in this course will develop skills involving number and number operations. Topics studied will include geometry, measurement, data analysis and consumer mathematics. Students will be given the opportunity to develop their problem-solving skills throughout this course. Successful students will enroll in Essentials Math 11.

APPLICATIONS OF MATHEMATICS 10 (4 credits) (MAMA-10)
The aim of the Applications of Mathematics pathway is to train students with analytical reasoning and problem-solving skills in order to prepare them for a non-calculus post-secondary program. Math 10 students in all pathways are required to write a provincial final exam. The course puts mathematical concepts into context and focuses more on their applications. **Prerequisite: Mathematics 9**

PRINCIPLES OF MATHEMATICS 11 (4 credits) (MMA--11)
The aim of Principles of Mathematics is to develop formal mathematics skills to prepare students for the study of Calculus. Principles of Mathematics 11 will focus on the study of algebra topics, functions and geometry. It is recommended students purchase or have access to a graphing calculator. Mathematics 11 is a requirement for graduation. **Prerequisite: Principles of Mathematics 10 or 10H**

PRINCIPLES OF MATHEMATICS 11 HONOURS (4 credits) (MMA--11)
Principles of Mathematics 11 Enriched topics are identical to Principles of Mathematics 11. Students enrolled in Mathematics 11E will be exposed to topics at a higher level of difficulty and will be expected to write the Fermat Mathematics Contest. **Prerequisite: Principles of Mathematics 10 or 10H**

ESSENTIALS OF MATHEMATICS 11 (4 credits) (MEMA-11)
The aim of the Essentials of Mathematics pathway is to provide students with the essential numeracy skills and concepts to allow them to be successful in their daily life. Mathematics 11E focuses on the mathematics used in industry, business and commerce. Problem-solving strategies will be developed throughout the course. It is important to note that this course is not accepted as a mathematics requirement by many post-secondary institutions but does fulfill the Ministry of Education grade 11 mathematics requirement for graduation. **Prerequisite: Mathematics 10 or 10E**

APPLICATIONS OF MATHEMATICS 11 (4 credits) (MAMA-11)
The aim of the Applications of Mathematics pathway is to train students with analytical reasoning and problem solving skills in order to prepare them for a non-calculus post-secondary program. The course puts mathematical concepts into context and focuses more on their applications.
Prerequisite: Principles of Mathematics 10 or Applications of Mathematics 10

PRINCIPLES OF MATHEMATICS 12 (4 credits) (MMA--12)
The aim of Principles of Mathematics is to develop formal mathematics skills to prepare students for the study of calculus. Topics covered include trigonometry, exponential and logarithmic functions, transformations, combinatorics and probability. Students are expected to become proficient problem solvers.

The Provincial final exams for Principles of Mathematics 12 and Applications of Mathematics 12 require the use of a graphing calculator. Students are strongly urged to purchase their own personal graphing calculator early in the course so that they can become familiar with its use in class and with homework. The Mathematics Department recommends the TI-83 or 83 plus graphing calculator (Texas Instruments, current price is about $110.00).

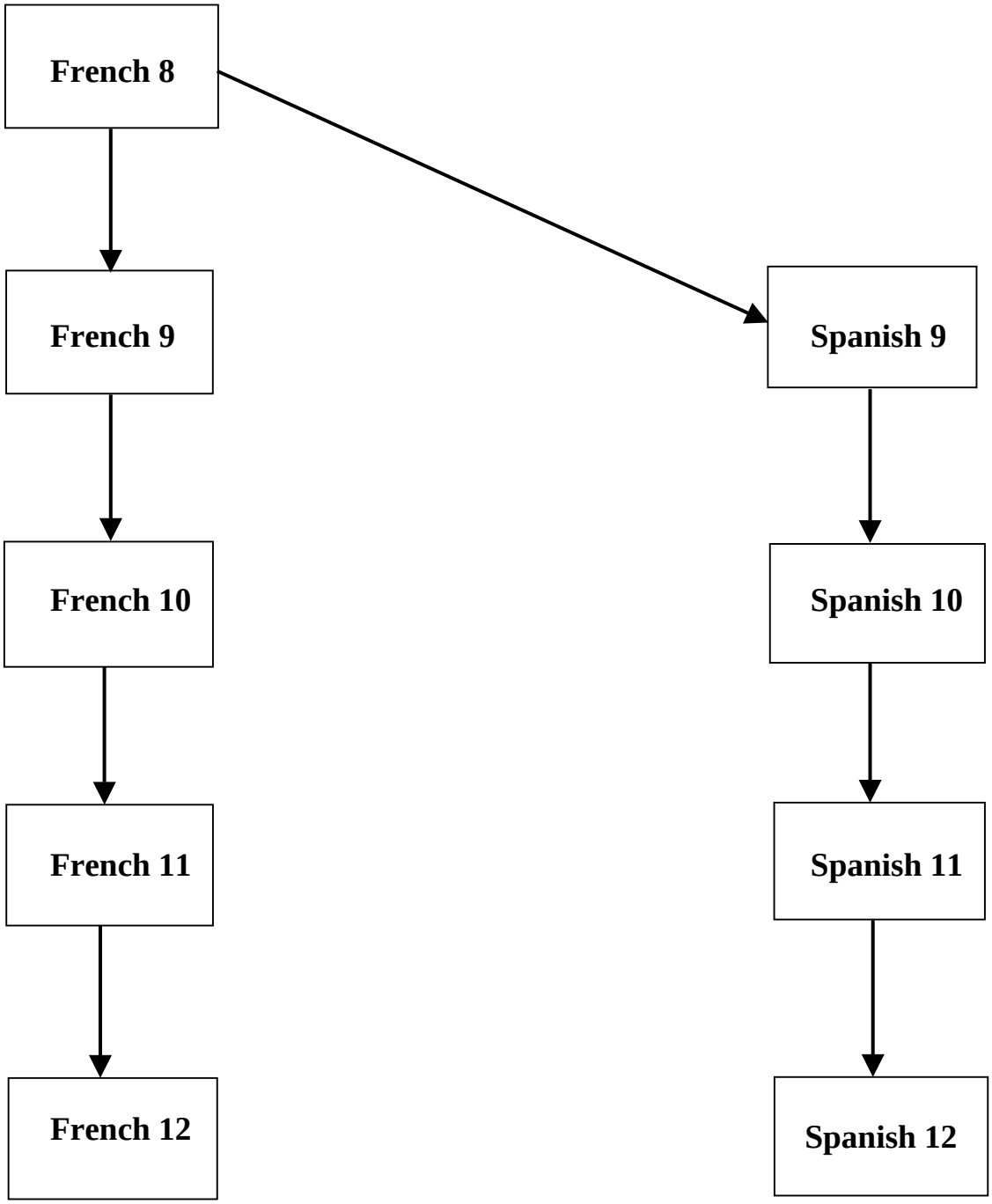
Mathematics Departments cannot supply each student at the grade 12 level with a graphing calculator. It is expected that students in grade 12 will have their own access to a TI-83. Students with other brands and models of graphing calculators will be at a disadvantage because instruction will be conducted with the TI-83. Students enrolling in Mathematics 12P or 12PH are encouraged to see their Mathematics Department head for details. **Prerequisite: Principles of Mathematics 11 or 11H**

PRINCIPLES OF MATHEMATICS 12 HONOURS (4 credits) (MMA--12)
The topics covered in Principles of Mathematics 12H are the same as those in Principles of Mathematics 12, however, they are presented at an enriched level. Students enrolled in Principles of Mathematics 12H will write similar unit tests and will write the same provincial Exam as those enrolling in Principles of Mathematics 12. Students enrolled in Principles of Mathematics 12H may be expected to make a commitment to X Block and these students are expected to write the Euclid and AHSME Mathematics Contests. **Prerequisite: Principles of Mathematics 11 or 11H**

APPLICATIONS OF MATHEMATICS 12 (4 credits) (MAMA-12)
The aim of the Applications of Mathematics pathway is to train students with analytical reasoning and problem solving skills in order to prepare them for a non-calculus post-secondary program. The course puts mathematical concepts into context and focuses more on their applications.
Prerequisite: Applications of Mathematics 11

CALCULUS 12 (Provincial Curriculum) (4 credits) (MCALC12)
This course will provide an introduction to the study of limits, derivatives, calculus applications, and integration. This course bridges the gap between high school mathematics courses and post-secondary mathematics courses. The Mathematics Department strongly recommends students planning to enroll in a first year calculus course at a college or at a university enroll in Calculus 12. Feedback from the universities and colleges indicates first year students with Calculus 12, perform better in first year Calculus. **Pre or co-requisite: Principles of Mathematics 12 or 12H**

MODERN LANGUAGES



MODERN LANGUAGES

FRENCH

The objectives of all our French classes are to build a repertoire of vocabulary and grammar concepts, and to develop all communication skills – listening, speaking, reading, writing, viewing, and representing.

The learning outcomes are based on communicating, acquiring information, experiencing creative works and understanding cultural differences.

The curriculum will focus on communicative and cultural activities in the context of relevant and authentic situations in the French-speaking world.

The supplementary fees cover the costs of workbooks which are an integral component of all language programs as they serve to reinforce the concepts taught in class and to providie practice of all communication skills. Students will keep their workbooks.

FRENCH 8 **(MFR-- 08)**
Communications skills are based on the program *Ça Marche*. Focus is on the themes of self, school, family, friends, nutrition, sports and leisure time.
Supplementary Fee: $7.00

FRENCH 9 **(MFR--09)**
Communication skills are based on the program *Entre-Amis 2*. Focus is on the themes of arts and entertainment, festivities, friendship and consumer education.
Supplementary Fee: $10.00 **Prerequisite: French 8**

FRENCH 10 **(4 credits)** **(MFR--10)**
Communication skills are based on the program *Entre Amis 3.* Focus is on the themes of fashion, advertising, family and travel.
Supplementary Fee: $10.00 **Prerequisite: French 9**

FRENCH 11 **(4 credits)** **(MFR--11)**
Communication skills are based on the program *En Direct 1*. Focus is on the themes of health and fitness, relationships, education and school life.
Supplementary Fee: $10.00 **Prerequisite: French 10**

FRENCH 12 **(4 credits)** **(MFR--12)**
Communication skills are based on the program *En Direct 2*. Focus is on the themes of travel, the arts and the law. Literary selections are included. French 12 is a provincially examinable course; consequently, the Ministry of Education IRP website indicates the learning outcomes and focus of the course.
Supplementary Fee: $10.00 **Prerequisite: French 11**

SPANISH

The objectives of all our French classes are to build a repertoire of vocabulary and grammar concepts, and to develop all communication skills – listening, speaking, reading, writing, viewing, and representing.

The learning outcomes are based on communicating, acquiring information, experiencing creative works and understanding cultural differences.

The curriculum will focus on communicative and cultural activities in the context of relevant and authentic situations in the French-speaking world.

The supplementary fees cover the costs of workbooks which are an integral component of all language programs as they serve to reinforce the concepts taught in class and to providie practice of all communication skills. Students will keep their workbooks.

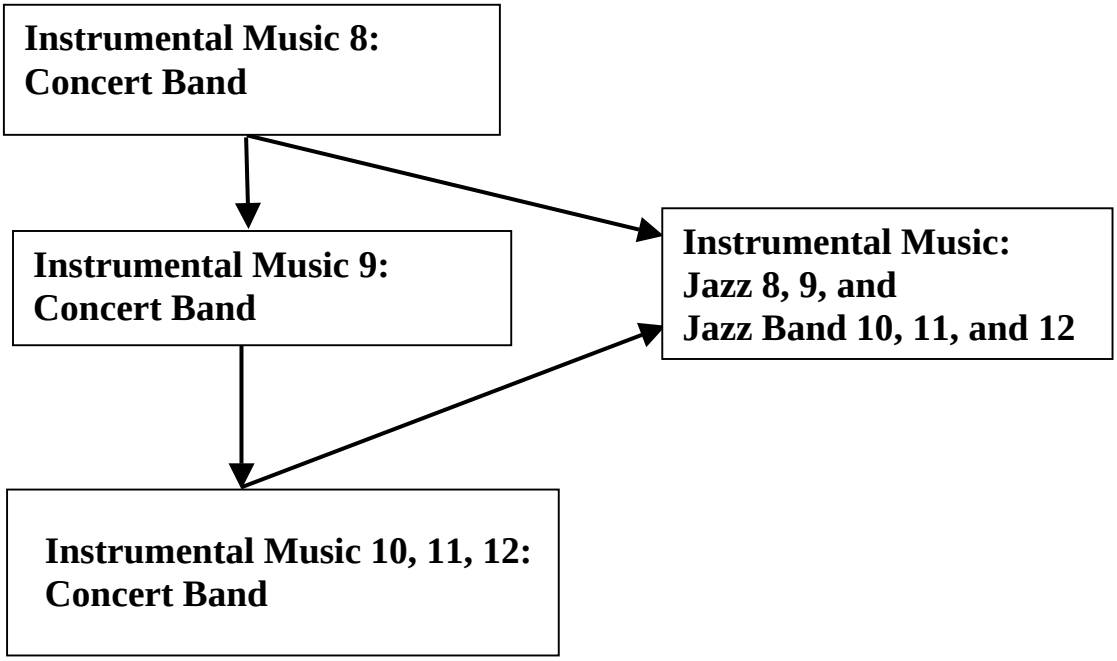
SPANISH 9 **(MSP--09)**
Communication skills are based on the program "En Español". Focus is on the themes of family, school, sports, weather, clothing and food.
Supplementary Fee: $20.00 (includes Spanish 10) **Prerequisite: French 8**

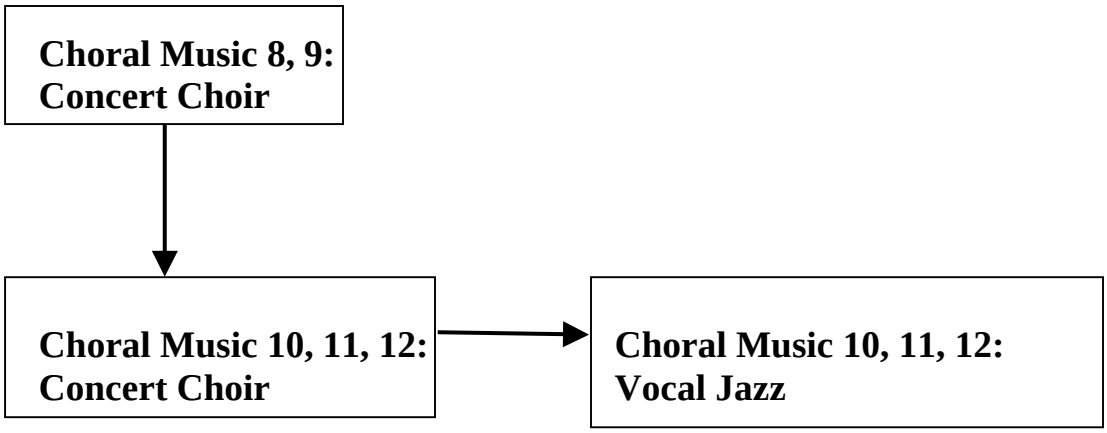
SPANISH 10 **(4 credits)** **(MSP--10)**
Communication skills are based on the program "En Español". Focus is on the themes of daily activities, foods and consumer education.
Supplementary Fee: see Spanish 9 **Prerequisite: Spanish 9**

SPANISH 11 **(4 credits)** **(MSP--11)**
Communication skills are based on the program "En Español". The focus will continue on the themes begun in Spanish 10 plus travel, story telling and past experiences.
Supplementary Fee: $20.00 (includes Spanish 12) **Prerequisite: Spanish 10**

SPANISH 12 **(4 credits)** **(MSP--12)**
Communication skills are based on the program "En Español". The focus will continue on the foundations developed in Spanish 10/11 and such themes as health and fitness, domestic and travel activities, giving advice and expressing wishes. Literary selections are included. Spanish 12 is a provincially examinable course; consequently, the Ministry of Education IRP website indicates the learning outcomes and focus of the course.
Supplementary Fee: see Spanish 11 **Prerequisite: Spanish 11**

MUSIC


Instrumental Music 8:
Concert Band
Instrumental Music 9:
Concert Band
Instrumental Music:
Jazz 8, 9, and
Jazz Band 10, 11, and 12
Instrumental Music 10, 11, 12:
Concert Band


Choral Music 8, 9:
Concert Choir
Choral Music 10, 11, 12:
Concert Choir
Choral Music 10, 11, 12:
Vocal Jazz

MUSIC

The supplementary fee for music students will cover the cost of music and supplies necessary to meet the required learning outcomes.

JUNIOR CONCERT BAND (MMU--08CB)

New band students of any grade level are welcome to join this band. This course will provide students with the opportunity to rehearse and perform a variety of music and musical styles. Students are asked to supply their own instruments. (Instruments are available from the school or from various local music stores.) Emphasis will be on developing the students' technical facility and listening skills while striving to produce a cohesive and musical sound as an ensemble through the use of dynamics and articulation. Performances at concerts are a mandatory part of this participation-based course.

Supplementary Fee: $20.00 **Prerequisite: None**

INTERMEDIATE CONCERT BAND (4 credits) (MMU--09CB)

This course will provide students with the opportunity to rehearse and perform a variety of music and musical styles. Emphasis will be on developing the students' technical facility and listening skills while striving to produce a cohesive and musical sound as an ensemble through the use of dynamics and articulation. Fundamentals of music theory will be taught. Performances at concerts are a mandatory component of this participation-based course. If there are not sufficient numbers to warrant a band for separate junior and intermediate concert bands, students will be combined into one ensemble.

Supplementary Fee: $20.00

Prerequisite: minimum 2 year's Band experience or by director permission.

INSTRUMENTAL MUSIC 10, 11, 12: CONCERT BAND 10, 11, 12

(4 credits) (MMCB-10)
(4 credits) (MIMCB11)
(4 credits) (MIMCB12)

Students in this ensemble will meet yearlong: 20% of the course will be during 'X' block once a week first semester and 80% of the course will be during the timetable in second semester. Students will be instructed in the intricacies of performing a variety of music including marches, classical, twentieth century compositions and top arrangements of contemporary music. This course is designed to give all music students the skills necessary to continue to enjoy music as performers, concert-goers, and casual listeners. Performances at concerts and festival(s) are a mandatory part of this participation-based course.

Supplementary Fee: $20.00 **Prerequisite: Concert Band 9, 10 or 11**

INSTRUMENTAL MUSIC 8, 9, 10: JAZZ BAND
INSTRUMENTAL MUSIC 11, 12: JAZZ BAND (4 credits) (MMU--08JB) (MMU--09JB) (MMJB-10) (MIMJB11, 12)

Jazz Band is a music course that meets at 7:30 a.m. usually two mornings a week year long. Although it is outside of the regular timetable, this course is considered one of the eight courses students can take in one year which results in a study block. A jazz band is comprised of saxophones (usually 2 altos, 2 tenors, 1 baritone sax), 4-5 trombones, 4-5 trumpets, acoustic bass or electric bass guitar, piano and percussion. Student will be introduced to a variety of different genres within the jazz idiom including swing, rock, funk, Latin, and popular arrangements. Students will have the opportunity to solo and learn the fundamentals of improvisation. Basic jazz theory will be introduced to aid improvisation. Performances at concerts and festival(s) are a mandatory part of this participation-based course. Students must be concurrently enrolled in Concert Band 8,9,10,11 or 12.

Supplementary Fee: $20.00 **Co-requisite: Concert Band 8,9,10,11or12**

CHORAL MUSIC 8, 9: CONCERT CHOIR (MMU--08CC, MMU--09CC)

Students will be introduced to the fundamentals of singing and vocal production. Music reading skills, music theory, and ear training (aural identification of intervals) will be taught through the rehearsal of a variety of music. Music will include different genres written in unison to three part arrangements. A piano accompanist is also required for this course. Interested students should see the instructor. There is no prerequisite for this course except an interest in music. Should numbers indicate that we run only one choir, Choir 10, 11, 12 description is applicable.

Supplementary Fee: $20.00 **Prerequisite: None**

CHORAL MUSIC 10, 11, 12: CONCERT CHOIR (4 credits) (MMCC10) (MCMCC11) (MCMCC12)

Students will learn the vocal skills necessary to perform a variety of styles of music from madrigals to twentieth century compositions to contemporary pieces to swing charts. Music reading skills, music theory, and ear training (aural identification of intervals) will be taught. This course is designed to prepare the serious music student for post-secondary study and to give all music students the skills necessary to continue to enjoy music as performers, concert-goers, and casual listeners. A piano accompanist is also required for this course. Interested students should see the instructor. Performances at concerts and festival(s) are a mandatory part of this participation-based course

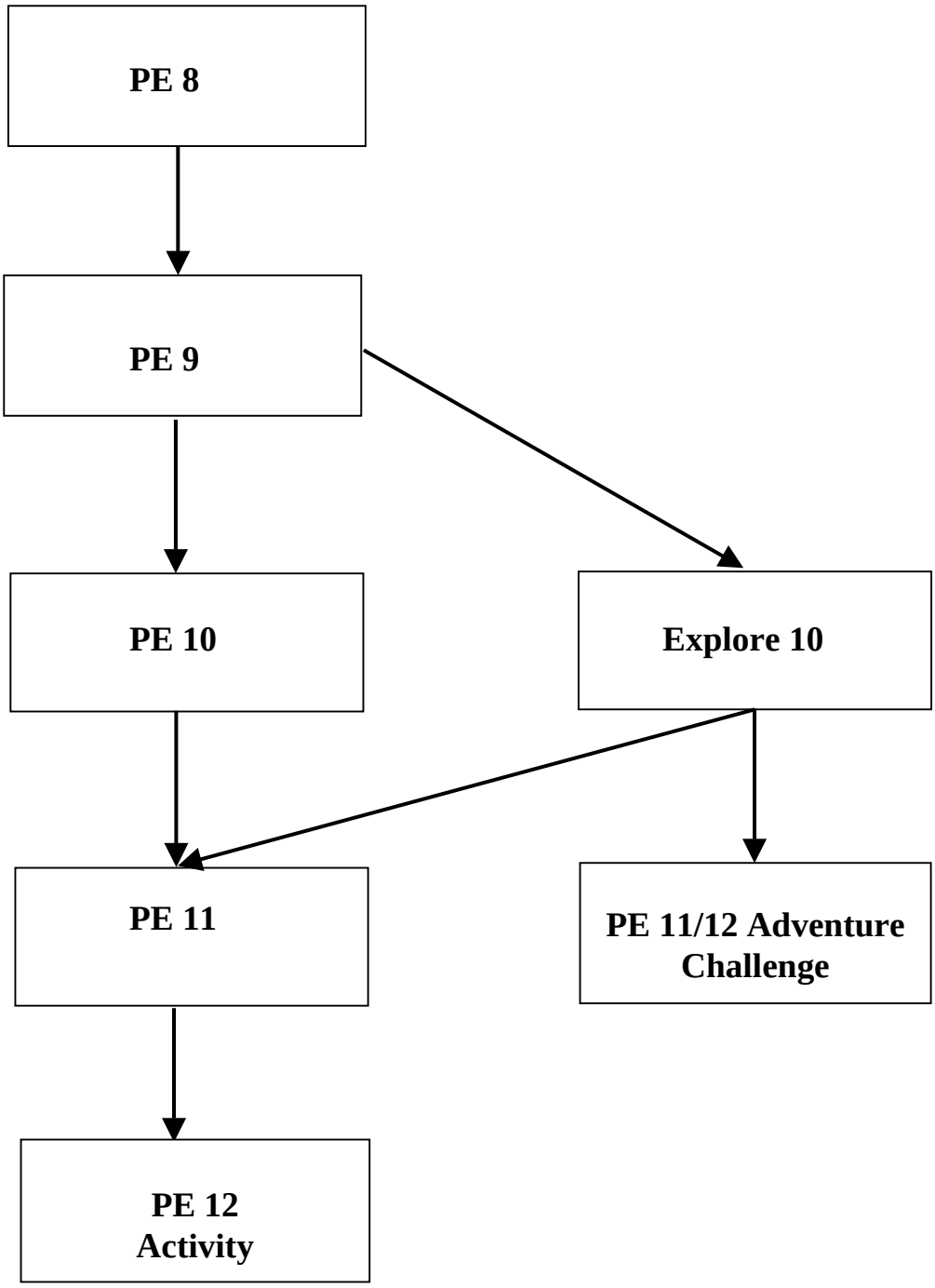
Supplementary Fee: $20.00 **Prerequisite for Choir 10 or 11: None**
Prerequisite for Choir 12: Choir 11

CHORAL MUSIC 10, 11, 12: VOCAL JAZZ (4 credits) (MVJ--10) (CMJV-11) (CMJV-12)

Vocal Jazz is offered in second semester and students will rehearse and perform a variety of genres within the jazz idiom both with accompaniment and a cappella. Students will also be introduced to jazz theory in relation to scat (vocal improvisation). It is strongly recommended that students take Concert Choir as it is the foundation for this course. Students should have a basic understanding of music and good music reading skills. Vocal Jazz members are expected to assist the Senior Concert Choir by attending some early morning rehearsals and performing with them during concerts and festival(s) are a mandatory part of this participation-based course. Students must be concurrently enrolled in Concert Band or Concert Choir or audition for the instructor.

Supplementary Fee: $20.00 **Co-requisite: Concert Choir 10, 11 or 12 or audition by instructor**

PHYSICAL EDUCATION



PHYSICAL EDUCATION

The supplementary fee covers the cost of optional community recreational activities that meet the learning outcomes for physical education courses.

PHYSICAL EDUCATION 8 **(MPE--08)**
Physical Education classes emphasize the acquisition and development of new skills which are applied to a wide variety of team and individual sports. Our objective is to develop and maintain leadership and positive attitudes towards participating in physical activities and a healthy lifestyle. Evaluation is ongoing and students will receive feedback at the end of each structured unit (ten teaching periods). Some of the units offered will be basketball, volleyball, softball, badminton, tennis, rugby, flag football, soccer, indoor minor games, gymnastics, square dance and line dance.
Supplementary Fee: $10.00

PHYSICAL EDUCATION 9 **(MPE--09)**
The objectives of the Physical Education 9 curriculum are to develop within each student an awareness of, and familiarity with fitness development, team and individual sports activities. Students will participate in activities that include Active Living, which benefits a healthy life style, Movement, which includes the activities that the students will be involved in, and Personal and Social Responsibility which apply rules, routines, procedures and safety to a variety of activities. Evaluation is based on the students' ability to show an understanding of knowledge and a display of skills, participation and attitudes during each section of the course.
Supplementary Fee: $10.00 **Prerequisite: PE 8**

PHYSICAL EDUCATION 10 **(4 credits)** **(MPE--10)**
The objectives of the Physical Education 10 curriculum are to give each student an ongoing awareness of, and appreciation for, the benefits of physical activity. The students will participate in activities that include Active Living which benefits a healthy life style, Movement which includes the activities that the student will be involved in, and Personal and Social Responsibility which apply rules, routines, procedures and safety to a variety of activities. Evaluation will be based on testing of knowledge about the activity, demonstration of skill acquisition and participation within the section of the course. Students will also receive St. John's First Aid Certification provided they meet the requirements.
Supplementary Fee: $15.00 **Prerequisite: PE 9**

Some of the Movement opportunities offered in the Physical Education 8 – 10 classes will be basketball, volleyball, softball, badminton, tennis, rugby, flag football, soccer, indoor minor games, gymnastics, square dance and aerobics, track and field, lacrosse, floor hockey, cycling, orienteering.

PHYSICAL EDUCATION 11 **(4 credits)** **(MPE--11)**
The Physical Education 11 course will emphasize exploration of recreational opportunities in the community, team and individual sports, fitness activities, as well as a leadership component. A minimum of five service hours of school service will be expected of each student. Physical Education 11 is an applied skills course that can be used for credits for graduation.
Supplementary Fee: $30.00 **Prerequisite: PE 10**

P.E. 12 (ACTIVITY) **(4 credits)** **(MPE--12)**

P.E. 12 activity is an elective course that provides 4 credits towards graduation. The focus of the course will be participation in lifetime activities and team and individual sports. Students will also be required to complete 5 hours of school and community service.

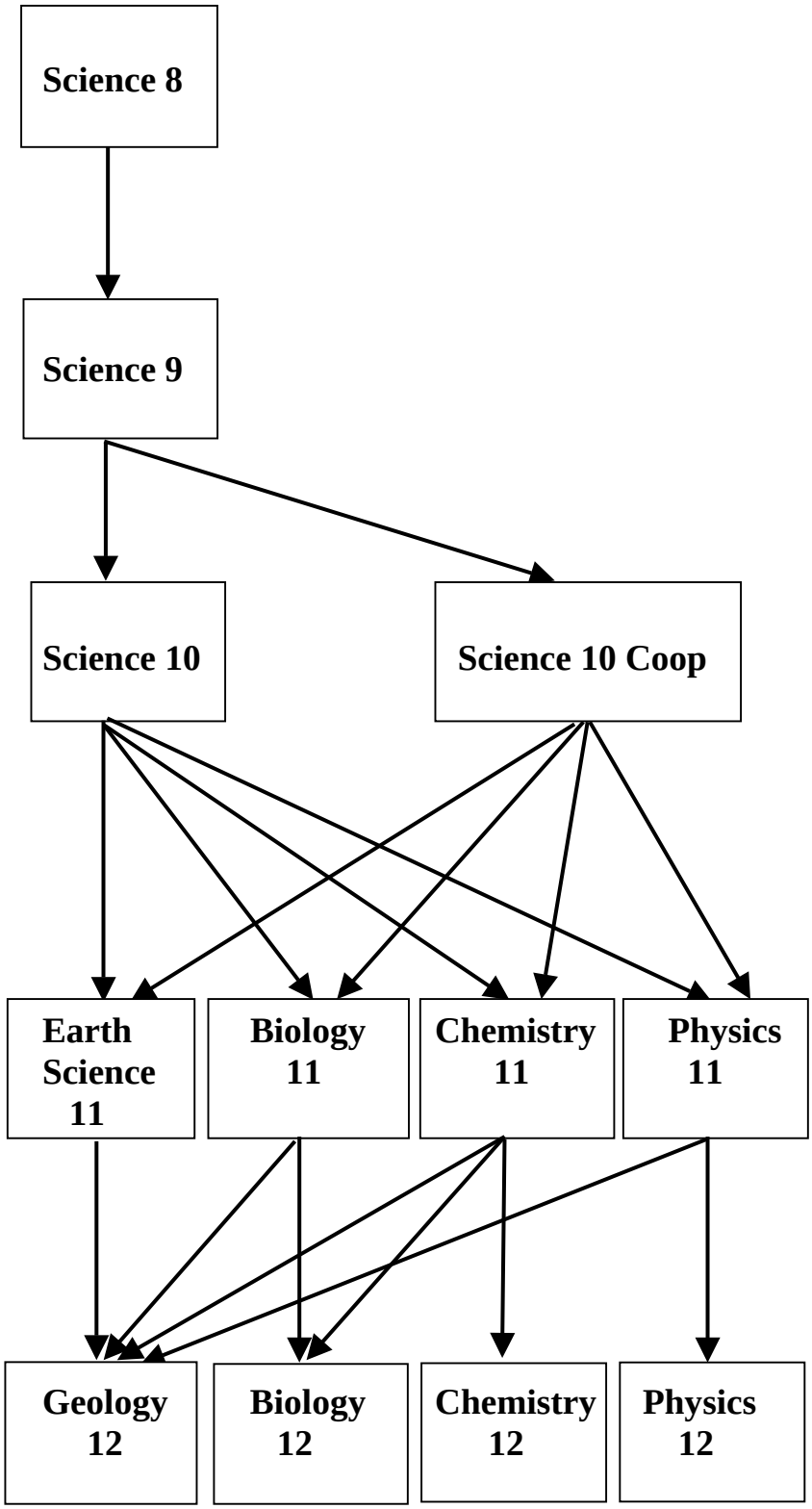
Supplementary Fee: $30.00 **Prerequisite: PE 11**

ADVENTURE CHALLENGE 11, 12 **(4 credits)** **(MPE—11-AC)**
(MPE—12-AC)

This new physical education course will promote health and fitness in a creative non-competitive environment. Students will have an opportunity to get fit or keep fit through a variety of fun recreational activities at school and in our local community, having input in the kinds of activities they would like to pursue. Course content will also include fitness, dance, weight training, social games, an adventure unit and a leadership unit. Several kinds of recreational activities in the community such as fitness classes or yoga, nature hikes and maybe skiing or kayaking, depending on the season. This senior PE course will be offered to grade 11 and 12 students who have successfully completed Grade 10 PE. This is an elective course which provides 4 credits towards graduation. Please be advised that the cost of this course may not cover all activities.

Supplementary Fee: $75.00 **Prerequisite: PE 10**

SCIENCE


Science 8
Science 9
Science 10
Science 10 Coop
Earth Science 11
Biology 11
Chemistry 11
Physics 11
Geology 12
Biology 12
Chemistry 12
Physics 12

SCIENCE

SCIENCE 8 **(MSC--08)**

This course is an introduction to the principles and processes of science in a laboratory setting. Topics will be drawn from chemistry, physics, biology and earth science. Students will be introduced to the scientific method as a means to make reasoned investigations of the natural world. Final evaluation will involve the independent preparation and presentation of an experimental "science fair" project.

SCIENCE 9 **(MSC--09)**

This course further develops the principles and processes of science in a laboratory setting. Topics will be drawn from chemistry, physics, biology and earth science and astronomy. Students will extend their use of the scientific method as a means of understanding the world around the. Safe, skilled and purposeful operation in the laboratory will be a goal of the program. **Prerequisite: SC 8**

SCIENCE 10 **(4 credits)** **(MSC--10)**

Science 10 is an extension of the science principles and content presented in the two previous courses. Selected topics from Biology, Chemistry, Physics and Earth Science will allow the students to make informed choices about the courses that they may wish to take in grade 11. Safe, skilled and purposeful operation in the laboratory will be a goal of the program. Science 10 is a provincially examinable course.

Prerequisite: SC 9

BIOLOGY 11 **(4 credits)** **(MBI--11)**

The topics in this course cover evolution, ecology and diversity. These broad themes will encompass several main biological principles such as classification, homeostasis, reproduction, structure-function, ecosystem analysis, plant, animal and protistan evolutionary patterns. Field and laboratory experiences are essential to this course. It is recommended that a student have at least a C average in Science 10 to enter this course.

Prerequisite: SC 10

CHEMISTRY 11 **(4 credits)** **(MCH--11)**

The core topics in this course include classification and properties of matter, stoichiometry, atomic model and periodicity, the mole concept, solution, gas and organic chemistry. Laboratory technique is an essential component of Chemistry 11 and students will perform several experiments which illustrate some of the topics in the course. It is recommended that students have a strong background in math and science and a C+ average in Science 10 to enter this course.

Optional: Hebden Chemistry 11 Support Text: $22.00 **Prerequisite: SC 10**

EARTH SCIENCE 11 **(4 credits)** **(MESC-11)**

The core topics in this course are drawn from astronomy and geological science. Activities will include field, lab and project work. Earth Science is more descriptive than mathematical in nature and it is recognized for university entrance.

Prerequisite: SC 10

PHYSICS 11 **(4 credits)** **(MPH--11)**
The topics in this course include wave motion and light, kinematics, dynamics, energy, relativity and nuclear fission. Students should have a good algebra background from Math 10. The Science 10 grade should be at least a C+. If the math background is not strong, the completion of Math 11 before Physics 11 may help. An inexpensive, non-programmable calculator is required. **Prerequisite: SC 10**

BIOLOGY 12 **(4 credits)** **(MBI--12)**
The topics in this course include biochemistry, cell anatomy, cell physiology, human anatomy, and human physiology. Chemistry 11 is strongly recommended or it is recommended that students have a strong C grade or better in Biology 11. Biology 12 is a provincially examinable course.
Prerequisite: BI 11, or CH 11 or permission of instructor

CHEMISTRY 12 **(4 credits)** **(MCH--12)**
The topics in this course include reaction kinetics, chemical equilibrium, solution chemistry, acid-base chemistry and oxidation-reduction chemistry. Computer technology is being introduced into some areas in this course at Sutherland. It is strongly recommended that students have at least a C+ grade in Chemistry 11, a good math background, and enjoy laboratory work. Chemistry 12 is a requirement for a number of university programs and is a provincially examinable course.
Optional: Hebden Chemistry 12 support text: $22.00 **Prerequisite: CH 11**

GEOLOGY 12 **(4 credits)** **(MGEOL12)**
The topics in this course include earth materials, surface and internal processes, geologic history, and the geology of the solar system. Using a scientific approach, geological evidence is interpreted to determine ancient events and environments. Geology 12 is a provincially examinable course.
Prerequisite: ESC 11, PH 11, CH 11, or BI 11

PHYSICS 12 **(4 credits)** **(MPH--12)**
The topics in this course include kinematics, dynamics, work and energy, momentum, equilibrium, circular motion, gravitation, electrostatics, electric circuits and electromagnetism. There is a strong emphasis on the vector aspects of these topics. Computer simulations and computer measurement technology is increasingly being used in physics courses at Sutherland. A strong math background, a C+ or better in Physics 11 and an enjoyment of physical sciences and of technology is recommended. Physics 12 is a requirement for a number of university programs and is a provincially examinable course.
Optional: Gore Physics 12 support text: $15.00 **Prerequisite: PH 11**

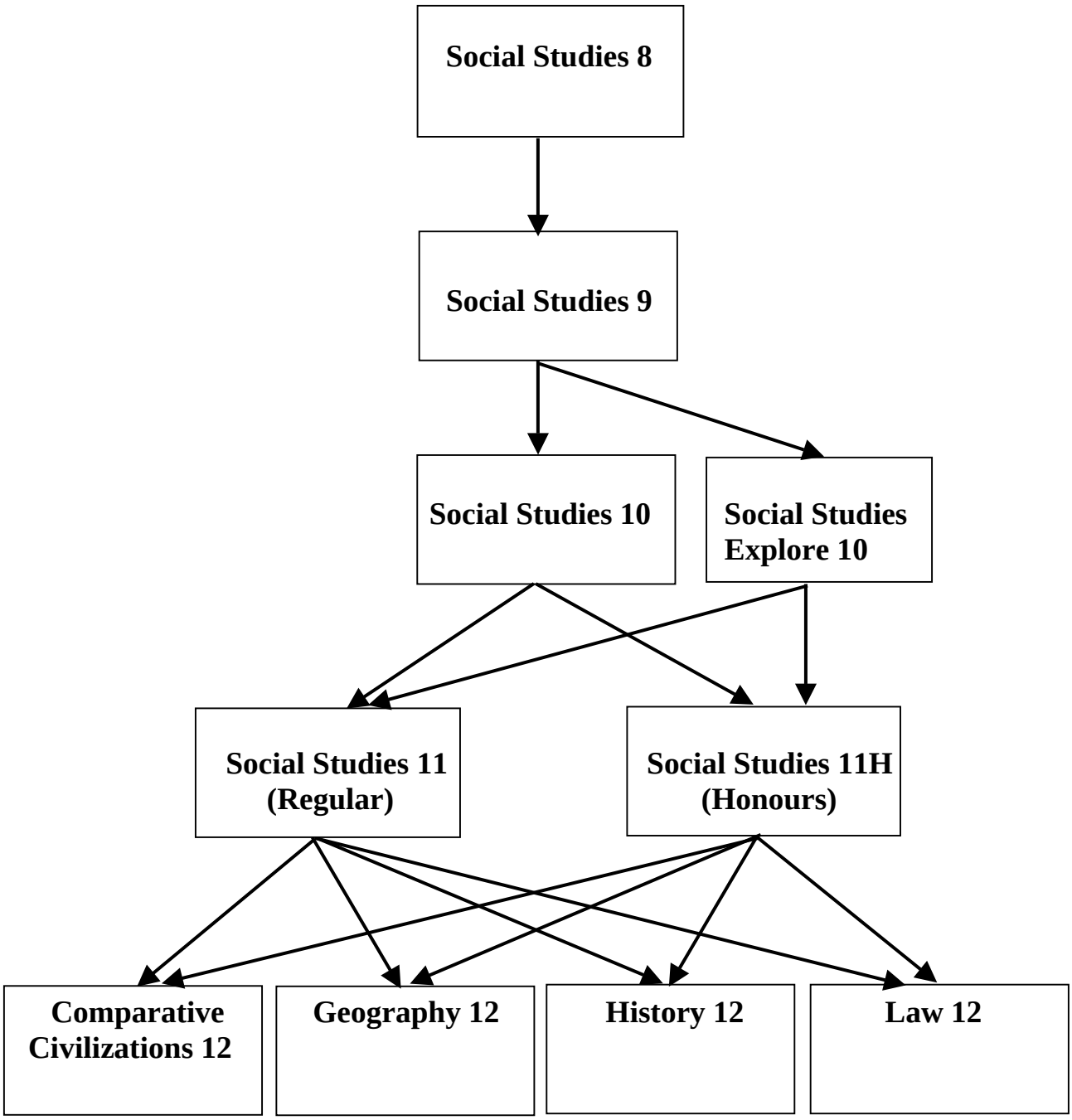
SCIENCE 10 COOP

SCIENCE COOP 10 (SCIENCE 10 – 4 credits and PLANNING 10 – 4 credits)
Science Coop 10 is an enrichment opportunity for students who want to gain work experience. They may work in a variety of fields focussed on their personal interest. Work experience takes place two afternoons each week for about three quarters of the semester. The other three days are spent completing Science 10 course work and other related activities. To enable this structure, the students take two courses in the program: Science 10 and Science Coop 10.

Students in the past say that, besides learning in an atmosphere where all students are trying to excel, the Coop experience provides them with tremendous insight into their own personality, intelligence and skills. They say "in Coop, you learn more about yourself and others than anything else". By using experiences of the students' own choosing and reflecting on these experiences in class, we all gain insight and wisdom.

Admission to the program involves an application form, complete with a paragraph explaining motives, to be completed by the student. Registration is by teacher permission only.
Prerequisite: SC 9

SOCIAL STUDIES



SOCIAL STUDIES

SOCIAL STUDIES 8 **(MSS--08)**

This course reinforces the idea that distinctive cultures develop in response to a variety of influences through the study of historical trends in Ancient Times, the Middle Ages, the Renaissance, and the Reformation. Knowledge of geography and associated skills acquired in the elementary school grades are reinforced and expanded. The basic assumption underlying this and subsequent Social Studies courses is that History and Geography topics will be taught in an integrated manner following an introductory unit on basic map and globe reading skills. Current events are also considered to be integral to this course.

SOCIAL STUDIES 9 **(MSS--09)**

This course builds on the Renaissance and classical themes introduced in grade 7 and 8. Students are also introduced to the early history of Canada at this level. Canadian culture and its development is studied in the context of influences which are unique to North America. Geographic knowledge and skills previously acquired are reinforced and expanded. These are, wherever possible, integrated with a study of the history. The discussion of current events is considered to be integral to this course.

Prerequisite: Social Studies 8

SOCIAL STUDIES 10 **(4 credits)** **(MSS--10)**

Grade 10 Social Studies continues the focus on Canada's development as a nation. A particular emphasis is placed on the history and related geography of Western Canada. Canada's economy and our place in Pacific Rim trade are also emphasized. Geographic knowledge and skills previously acquired are reinforced and expanded. These are, wherever possible, integrated with the study of history and economics. **Prerequisite: Social Studies 9**

EXPLORE 10 (SOCIAL STUDIES 10 – 4 credits and PE 10 – 4 credits) **(MSS--10--E)**
(MPE--10--E)

The Explore Program is an outdoor and environmental program open to all Grade 10 students. The program uses Physical Education to augment the teaching of Social Studies (History and Geography). The student will be involved in a combination of Social Studies curricular work, outdoor activities, traditional Physical Education and classroom lessons. The course involves several multi-overnight field trips, fundraising, and community service plus a leadership component which will involve the completion of school service. Criteria for selection includes: completion of an application questionnaire, a student essay and a positive record of social interaction and academic performance. Upon successful completion of Explore 10, the student receives credit for both P.E. 10 and S.S. 10. Admission is by application.

Supplementary Fee $90.00: **Prerequisites: Physical Education 9 and Social Studies 9**
Covers the cost of optional recreational
Activities, transportation and overnight field trips. Students will be responsible for supplying their own food for overnight trips.

SOCIAL STUDIES 11 **(4 credits)** **(MSS--11)**

Grade 11 Social Studies continues the study of contemporary Canada which was introduced in grade 10. The focus at the grade 11 level is government, politics and recent Canadian history. Students will, in addition, examine Canada's relations with the rest of the world. The transition to a global perspective will be made through an investigation of such major concerns as population growth, the distribution of resources, and the impact of industrialization and technology on modern society. Geographic knowledge and skills previously acquired are reinforced and expanded. The discussion of current events is considered to be integral to this course.

Prerequisite: Social Studies 10

SOCIAL STUDIES 11 (HONOURS) (4 credits) (MSS--11--H)

The content of this course is the same as Social Studies 11, but this section has a more academic focus. This section is intended for students planning to go on to College or University. Essay writing and critical thinking will be stressed. Marks will be determined by a comparison with the general grade 11 population and not solely in comparison with students enrolled in this section.

Prerequisite: Social Studies 10

CIVICS 11 (4 credits) (MCIV--11)

This course is intended as an alternative to Social Studies 11, but students are reminded that post-secondary institutions may not use its marks in evaluating students for entry – either in place of Social Studies 11 or as an academic 12. Course material is an expansion of the Government section of the current Social Studies 11 course. Civics 11 will deal with Informed Citizenship: encouraging students to become "mindful of their connections to the civic world and their responsibilities as members of various local and global communities*"; Civic Deliberation: "evaluating historical and contemporary civic decisions that have emerged*" in relation to a range of defining Canadian issues; and Civic Action: helping students "understand their own place in civic processes*" and "examine a range of processes of civic action to understand how they operate and to assess their appropriateness for various purposes*".

*****Quotations from Ministry draft IRP **Prerequisite: Social Studies 10**

FIRST NATIONS 12 (4 credits) (MFNS-12)

First Nations 12 was developed by the Ministry of Education as an alternative to Social Studies 11 and Civics 11 courses. This course may be taken in place of Social Studies 11, but students are cautioned that many post-secondary institutions may not accept First Nations 12 in lieu of Social Studies 11 for satisfying entrance requirements. Curricular content involves a study of Aboriginal people and their relationship to the land, the historical background of contact, colonialism and resistance, aboriginal cultural expression, and an understanding of legislation and its effects on First Nations people.

Prerequisite: Social Studies 10

LAW 12 (4 credits) (MLAW-12)

This course is designed to provide students with a basic introduction to the Canadian legal system. The emphasis of the course is directed toward the study of commonly encountered legal problems in the broad field of civil law. Law 12 will cover the following major areas: the legal system, human rights, family law, citizenship, contracts, real property, wills, consumer protection, sales of goods, labour law and bailments. This is not a provincially examinable course.

Prerequisite: Social Studies 11

GEOGRAPHY 12 (4 credits) (MGEO-12)

Geography 12 is a course in physical geography and its applications to man and his natural environment. The student will study the major divisions of systematic geography. The units of study for this course will be Geomorphology (the forces shaping the landscape), Climatology (weather and climate) and Biogeography, (the waters and the land) and map skills. In addition, the course will deal with the inter-relationship between man and his environment and will focus on specific problems to be analysed by the application of geographic skills. Geography students might consider Geology 12 as a complementary subject.

Prerequisite: Social Studies 11

HISTORY 12 (4 credits) (MHI--12)

The History 12 course is designed to make students aware of the great developments which have taken place during the 20th Century and how they have profoundly affected our civilization and way of life. The four major units of study for this course will be the opening of the 20th Century and the Great War, the period between the wars, the Second World War and the World since 1945. History students might consider Literature 12 and Comparative Civilization 12 as complementary courses.

Prerequisite: Social Studies 11

COMPARATIVE CIVILIZATIONS 12 (4 credits) (MCCN-12)

Civilization 12 is a course which will allow students to develop a basic understanding of the evolution of western art forms from the time of Old Kingdom Egypt to the 18th century. This examination demonstrates how cultural interchange has produced growth and change. This course will look at trends in architecture, sculpture, painting, philosophy, poetry and music. This is not a provincially examinable course.

Prerequisite: Social Studies 1l or permission of the teacher

SUPPORT PROGRAMS

LEARNING ASSISTANCE (4 credits) (YAL--10-12)

LAC, or learning assistance, does not appear on the course selection sheet. Students are chosen to attend up to one period of LAC per year, on recommendation from teachers, previous schools, counsellor, parents or sometimes even by self-referral. Students receive additional instruction and support in areas such as English language, academic support, and study skills but some support is available in other areas as well. LAC typically replaces French for grade 8 students; some such students elect French 8 as one of their grade 9 electives.

LEARNING SUPPORT PROGRAM

LSC does not appear on the course selection sheet. Students are chosen to attend one or more blocks per semester on recommendation from teachers, previous schools, counsellors, parents or, at times, self-referral. The key objective of the program is to provide appropriate academic curriculum for individual students that matches their current skill levels and ability to actively participate. This curriculum may match the specific grade level curriculum, be an adapted version of it, or be modified to the student's needs. Aside from modified courses, students receive marks based on the standard learning outcomes for each course.

The program also provides course support to students who are receiving instruction in a regular classroom yet require very intensive support not available in Learning Assistance. This support is offered in the form of daily intensive work in an individual or small group setting, or periodic pullout from regular classes. One or more subject areas may be covered during a particular block.

LIFESKILLS PROGRAM

Sutherland offers a selection of courses designed for students who may profit from alternative learning strategies in a unique setting. All LS students are integrated into appropriate mainstream classes. The LS Program offers the students the opportunity to successfully achieve high school credit through coursework that features skill building, life skills and guided work experience.

This is a desirable program for students who work well in a non-traditional environment that encourages the development of personal responsibility and interpersonal relationships. Students use a self-paced credit system to achieve course completion through a variety of in-school and out of school units of study. Group activities include ongoing basic skills upgrading, school service, in-school and out-of-school work study, and a variety of field trips and volunteer community activities.

ENGLISH AS A SECOND LANGUAGE

Level 1 & 2	Level 3 & 4
Board Authority Authorized Socials 10	BAA Language Strategies Junior
Board Authority Authorized Language Strategies 10	BAA Language Strategies 11/12

ESL teachers and counsellors place students in ESL courses according to their level of English ability. Students advance to the next level as their skills increase.

Levels 1 and 2 provide the basic English skills of listening, speaking, reading and writing to enable students to function within the Sutherland School environment.

Levels 3 and 4 focus on giving students the necessary skills in reading, writing, listening and speaking needed for integration into academic courses at Sutherland.

ENGLISH AS A SECOND LANGUAGE (continued)

Board Authority Authorized Socials 10 (4 credits) (MSS--10 or YLSSS-10)
Introduction to Canada - focuses on geography and early history of Canada. Expands skills in reading, writing, listening and speaking and reinforces study skills necessary for a social studies class. Senior students are able to earn 4 credits towards their Dogwood Diploma.

Board Authority Authorized Language Strategies 10A (4 credits) (YLGS 10)
This course is the pre-requisite to English 10 for the ESL learner. The course provides the skill building necessary for successful completion of English 10, which follows in the next semester. Students who have completed Level 4 ESL are typically at a Grade 8 reading/writing level. This course will, therefore, strengthen language skills as well as introduce the study of story elements in literature through modern short stories, a novel and selected readings. An on-going study of grammar structure, idioms and composition is included. Listening and speaking skills are also provided at a more advanced level in preparation for English 10.
Course Workbook: $25.00

Board Authority Authorized Language Strategies 10B (4 credits) (MEN--10-LS)
The students will complete the regular Grade 10 curriculum. This will include the study of literature: short stories, poetry, novels and a Shakespearean play. This course will also follow the writing requirements of various paragraph types, and in particular, the essay of the regular English 10 course. There will be an emphasis on building vocabulary and fluency in speaking, writing, and on increasing reading ability and speed to meet the requirements of senior English courses. An on-going study of grammar structure and idioms is included. This course is a provincial examinable course worth 20% of the final mark.

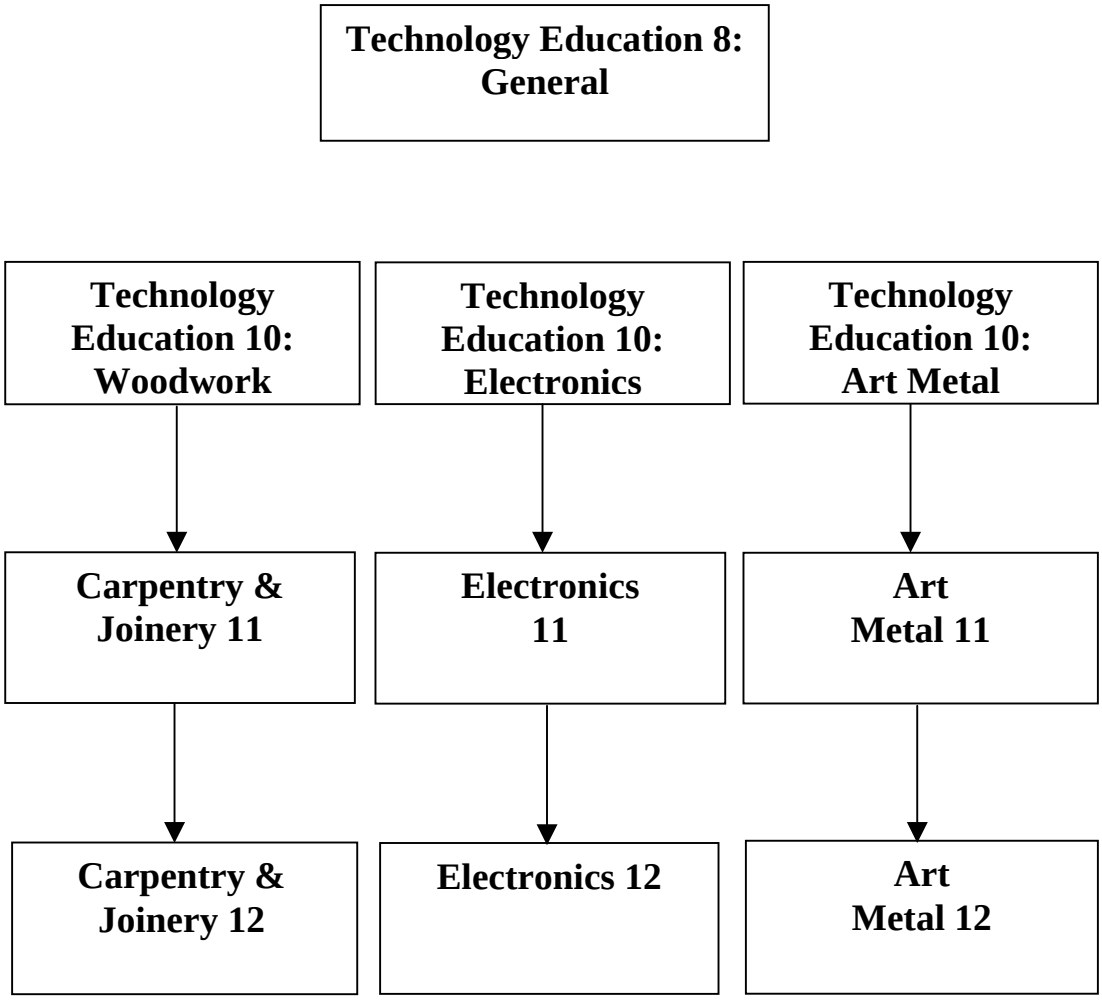
Board Authority Authorized Language Strategies Junior, 11 and 12 (YLGS-10, -11, -12) (2 credits)
This year-long course is scheduled outside of the regular timetable. The course addresses the district learning outcomes and gives the ESL students extra help and support to meet the requirements of senior English classes.

STUDENT SERVICES
The school counsellors, aided by the counselling records clerk, provide a wide range of services to students. These services include program planning, help with academic difficulties and timetable concerns, career education, post-secondary information, scholarship and bursary information, information on alternate programs (summer school, distance education, et.) and counselling support to individuals or families. To consult a counsellor about personal, family or social concerns, school or career planning, just drop in to the counselling office. Although each counsellor is assigned specific grade responsibilities, students may seek assistance from any counsellor.

A NOTE TO PARENTS

Although we make every effort to keep parents informed and will call when situations arise which require attention, we also encourage parents to contact counsellors and teachers whenever they have concerns about a student's progress.

TECHNOLOGY EDUCATION



TECHNOLOGY EDUCATION

Supplementary fees will cover the cost of materials necessary for projects that will meet the learning outcomes of Technology Education courses. Additional optional materials can be supplied by the student or purchased through the Technology Education Department.

TECHNOLOGY EDUCATION 8: GENERAL (MTE--08)
This is an exploratory course designed to allow students to explore the technologies used in our society today. Students will be required to use systematic problem solving techniques while developing the hand and machine skills that are used when working with wood, plastic, metal, and electronics, etc. Emphasis will be placed on ability to work both independently and in group situations in a safe manner. Development of computer skills to communicate ideas will be covered. **BOTH BOYS AND GIRLS ARE ENCOURAGED TO PARTICIPATE.**
Supplementary Fee: $15.00 **Prerequisite: None**

TECHNOLOGY EDUCATION 10: WOODWORK (4 credits) (MTEW-10)
This course provides students with an introduction to working with wood, and to the safe use of machines and hand tools. The students will develop a level of confidence and competence that will allow them to design, plan, and build a number of projects. The supplementary fee provides the student with the necessary materials for the initial hardwood project. Both boys and girls are encouraged to participate in all technology courses.
Supplementary Fee: $20.00 **Prerequisite: None**

CARPENTRY AND JOINERY 11 (4 credits) (MCJ--11)
Carpentry and Joinery11 builds on the skills and attitudes learned in Woodwork 9/10. The students will learn and apply the principles of drafting, joinery, and structural design in order to produce well-crafted projects of their choice.
Supplementary Fee: $20.00 **Prerequisite: MTEW 10 preferred but not required**

CARPENTRY AND JOINERY 12 (4 credits) (MCJ--12)
Students enrolling in Carpentry and Joinery 11 should be able to plan, design, and construct sophisticated projects. Students are expected to be mature, use their time efficiently, and work well independently as well as part of a team.
Supplementary Fee: $20.00 **Prerequisite: MCJ--12**

TECHNOLOGY EDUCATION 10: ART METAL (4 CREDITS) (YARM-10)
Learn how to create unique art metal and jewellery projects. Gain the confidence and ability to generate and develop your own unique ideas. Then, make projects using metal in a variety of different forms.

This course provides students with an introduction into design, creating metal artifacts, and the safe use of hand tools, machines and equipment.

Possible projects may include metal sculptures, pendants, rings, belt buckles, earrings, key tags, plaques, bracelets, broaches, pins, wrought iron projects like candle holders, CD racks, plant hangers, etc. Projects may also include use of other complimentary materials such as stone.
Supplementary Fee: $18.00 **Prerequisite: None**

ART METAL 11 **(4 credits)** **(YARM-11)**
This course is similar to Art Metal 10. Initial projects allow the students to further develop skills and learn processes that can be used for more advanced work. Design is still the cornerstone for creating unique ideas and projects.
Supplementary Fee: $20.00 **Prerequisite: None**
(Art Metal 10 will help but is not mandatory for success)

ART METAL 12 **(4 credits)** **(MFMJ-12)**
This advanced course is intended for serious students who want to further develop their skill and knowledge levels in areas of advanced metalworking or jewellery work.

Course work involves students designing, planning and fabricating projects that are highly challenging in nature. These projects will expand on previously learned skills or involve areas where new skills need to be developed.
Initial Supplementary Fee: $20.00 **Prerequisite: Art Metal 11**
(Art Metal 10 may also be considered)

TECHNOLOGY EDUCATION 10: ELECTRONICS **(4 credits)** **(MTEE-10)**
This course will provide opportunities for students to explore and learn about electronics. Course content is appropriate to students considering careers in computers, electronics, robotics, electrical trades, engineering, and many other technical fields.

Course work will include printed circuit board manufacture, circuit assembly, fabrication of enclosures, and circuit test procedures. Students will also investigate circuits and their components, learn to interpret schematic diagrams, and use various testing devices to understand how they work.

Projects may include electronic games, audio listening devices, timing devices, strobe lights, alarms, digital dice.
Supplementary Fee: $20.00 **Prerequisite: None**

ELECTRONICS 11 **(4 credits)** **(MEL--11)**
This course provides students with the opportunity to do advanced investigation into electronic system, circuit, and component work. Analogue and Digital electronics will be covered both in theory and practical terms.

Course work will include circuit investigation, computer assisted circuit board design, circuit manufacture and assembly, and enclosure designnufacture.

Projects may include such things as power supplies, amplifiers, meters, speakers, simple robots, etc.
Supplementary Fee: $20.00 **Prerequisite: None**
(Electronics 10 or similar background highly recommended)

ELECTRONICS 12 **(4 credits)** **(MEL--12)**

This course provides students with the opportunity to do advanced project work and study. Students will investigate, plan and develop projects such as sound systems, robots, computer systems, alarm systems, etc.

Supplementary Fee: $20.00 **Prerequisite: Electronics 11**