

PINETREE SECONDARY SCHOOL

3000 Pinewood Ave., Coquitlam, B. C., Phone: 604-464-2513 Fax: 604-464-2543

Website: www.sd43.bc.ca/Pinetree

School Mission Statement

Working with our community, we are dedicated to preparing our students for success in a rapidly changing world by providing a supportive learning environment which recognizes and respects individual differences, encourages students to challenge personal limits and promotes excellence



GRADE 9 COURSE CALENDAR 2012 - 2013

Welcome to Pinetree Secondary School, a school that offers a wide range of academic as well as exceptional extracurricular opportunities.

We are indeed pleased to welcome our new grade nine students to their “educational home” for the next four years. We are a young school and despite our short history we are proud of the positive school culture that is developing here. Our staff is committed to making decisions in the best interest of our students. Our students have demonstrated abundant energy and exceptional academic skills. Together we will strive to ensure that every student experiences success during their time here at Pinetree.

John McCullough Principal

SCHOOL ORGANIZATION

The school organization has a combination of full year and semestered courses at the Grade 9 level. More detailed information about our school organization and school opening procedures will be sent home prior to the start of school.

Principal	Mr. J. McCullough
Vice Principal	
Vice Principal	Mr. J. Bruneau

COURSE CALENDAR

If you have any questions, please feel free to contact the Administrators or Counsellors at 604-464-2513.

STUDENT TIMETABLES

Students are assigned to classes with the assistance of a computer. Every attempt is made to keep classes at a reasonable size and balance.

Course Requirmenets for Grade 9

Students in Grade 9 are required to take 8 courses. Please see the Course Planning Sheet for more information.

English 9	Mathematics 9
Science 9	Social Studies 9
Physical Education 9	Three (3) Electives

Health & Career Education (HCE 9) will appear on the timetable, but his "course" is delivered through presentations.

COUNSELLING

Students are assigned to counsellors alphabetically by last name:

2011/2012 Counsellor Assignments

Ms. Johal	A - F
Ms. Starr	G - Led
Ms. Hamilton	Lee - R
Ms. Dhillon	S - Z

Ms Jones/ Ms Devlin – Career Resources
Ms Pichichero – Youth Worker

Students wishing to see a counsellor should go directly to the counsellor's office. If parents have any questions concerning the program, progress or attendance of a student, they should contact the counsellor.

Services offered by the Counselling Department:

- Help in program and course selection;
- Help in solving academic difficulties and problems, in arranging for instructional assistance and in improving study skills;
- Information about the school and its functioning;
- Information on post secondary training and registration (universities, regional colleges, vocational schools, technology institutes, apprenticeship programs, etc.) and the transition to such training;
- Information on vocational and career planning, family life, intellectual skills (learning styles, learning disabilities, study skills), relationships, child/sexual abuse, substance abuse, mental well-being and healthy living;
- Discussion of personal problems and assistance to students in making personal decisions;
- Support in crisis situations and referral to community agencies (mental health, counselling, public health, social services, etc.)
- Career Resource Centre
- Peer Mediation

PACK GROUPS

PACK groups are small groups of students that are linked with a teacher advisor.

LEARNING CENTRE

The Learning Centre is a student support centre designed to provide individualized assistance to students of all ability levels.

Students served by the school-based support team are those students who require an individual education program. They have a wide variety of learning needs. These needs may include, but are not limited to: gifted and talented; visual, hearing, physical or chronic health impairments; speech and language disorders; learning disabilities; behaviour disorders; English as a Second Language, as well as those students with below average academic potential and/or social/emotional difficulties.

The purpose of the Learning Centre is to develop reading, writing and math skills. Special attention is given to study practices, writing techniques, vocabulary building and reading efficiency. Assessment services for students are available as well as consultation services for teachers and parents. Attendance at the Learning Centre may be short term or long term depending on the needs of the individual. Referral to the Centre may be made through counsellors, teachers, students or parents. Students and parents are invited to contact and/or visit the Learning Centre to become acquainted with the personnel and the services offered.

PINETREE LIBRARY

The Pinetree school library is a bright, open and comfortable space filled with students most of the day. The school library focuses on the school curriculum and the specific reading needs of its students and staff. Teacher-librarians work with teachers to design assignments which challenge students to develop their critical thinking skills. Students visit the library with a class or as individuals to do homework, work on group projects or get one-on-one help from library staff.

Another goal of the library is to promote recreational reading. Novels are specially selected for all students, from those just beginning to read to those who are mature readers.

Hours: 8:00 am – 4:00 pm

Staff: one full-time and one part-time teacher-librarian, and one library assistant

Resources: research books, novels, magazines, newspapers, vertical files, online databases, Internet

Seating: 100

Computers: online catalogue; 10 search stations (part of school network where students can access their personal files)
Computer lab: adjacent room (27 stations)

ATHLETICS TEAMS, INTRAMURAL SPORTS, SCHOOL FUNCTIONS AND CLUBS

ATHLETICS

Athletics offer interested students the opportunity to achieve a high level of excellence in a sport. This will be accomplished through a learning situation that enables a teacher to work in their area of expertise with highly motivated students. Our programs will promote cooperation, responsibility, commitment, leadership and sportsmanship.



Actual offerings will be based on coaching availability, cost and school philosophy and thus cannot be determined until staffing is in place. Activities may include:

Badminton	Basketball
Cross-Country	Field Hockey
Football	Golf
Rugby	Ski & Snowboard
Soccer	Tennis
Track & Field	Volleyball
Wrestling	

CLUBS



The broad spectrum of clubs at Pinetree is based on student interest and staff sponsorship. Students are encouraged to become involved in their school. Participation in activities outside the classroom make students' school experience more enjoyable and rewarding.

Alpha Wolves
Chess Club
Club 130
Code Orange
Debate Club
Environmental Club
Global Perspectives Club
Multicultural Advancement Pro
Music Council
Ski & Snowboard Club
Student Council

Book Lounge Club
Computing Club
Christian Club
Theatre Sports Club
Drag Racing Club
Gay/Straight Alliance
Graduation Council
Outdoor Club
Scorekeepers & Timers
Spectrum/Multicultural
Treehouse Theatre

HONOURS COURSE OPTIONS

Limited seats are available. Students eligibility will be assessed with a comprehensive exam.

PRINCIPLES OF MATHEMATICS 9 HONOURS

This program of study is for those students who have displayed a natural aptitude for patterns and numbers. The course will follow the Principles of Mathematics 9 curriculum, but with an extensive concentration on theory, derivations, proofs and history. Homework will be a daily event with formal submissions once a week. Students will also be required to complete project work as well as unit examinations on all material taught. A rigorous midterm and final examination complete the formal examination process. Note



that a key component of the honors course includes development of problem solving skills through participation in national and international mathematics contests.

HUMANITIES 9 HONOURS

Humanities is the integrated study of human creativity and culture, including the study of language, history, art, politics, religion and philosophy. Humanities 9 Honours covers the provincially mandated curriculum for both English 9 and Social Studies 9. The main features of both courses are taught, but assignments are often combined and organized around common themes contained in both courses. Humanities 9 Honours will offer enriched coverage of curriculum. A strong emphasis is placed on developing critical intelligence and cultural literacy in this course.



Through a comparative and interdisciplinary approach, Humanities 9 Honours raises critical questions regarding the complex body of ideas, values, attitudes and emotions which shape our society and culture. This course will focus on developing the student's ability to read with comprehension, to write and speak effectively and to think critically.

SCIENCE 9 HONOURS



The Sc 9H course is designed to challenge highly motivated and high achieving students in the core curricular topics for science 9 in B.C. Students will be involved in challenging activities and topics at a higher and more rigorous level than regular

classes. The topics will include reproductive biology, chemistry –atoms, molecules and compounds, physics – characteristics of electricity and space exploration.

ELECTIVES

ART

The Visual Arts Program at Pinetree Secondary is designed to provide students with opportunities to explore a variety of creative techniques and processes. Each of the courses outlined below cover a broad range of educational goals while introducing students to potential post-secondary and employment options in the Visual Arts.

ART FOUNDATIONS 9

Art 9 is intended to introduce students to the creative potential of two and three dimensional art. Through a variety of fun and interesting projects, students will explore the creative possibilities associated with drawing, painting, collage and mixed media, printmaking, papier mache construction, clay, and a variety of other media.

PHOTO 9

This course is intended to introduce students to the basic practices and creative potential of black and white film based photography. Working with cameras and equipment supplied by the Department, students will learn how to operate a single lens reflex (SLR) camera, how to develop their film, and how to print their images in the darkroom. Through a variety of projects, students will sample a broad range of traditional, innovative and creative photo processes. (FA)

BUSINESS EDUCATION

KEYBOARDING 9

Ask anyone, this will be the most useful course you take at high school. This course will develop keyboarding proficiency both as a personal life skill, and as a foundation for career development. Students will learn to touch key to industry acceptable standards as well as create personal, school and business documents using word processing software. This course is designed for the beginner as well as those who wish to increase their speed and accuracy.



BUSINESS TECHNOLOGY 9

What is the business world all about? Students will learn about advertising, money, communications and creating their own businesses using computer software programs. Students will learn basic business concepts and apply them to a variety of technologies such as Internet, word-processing, spreadsheets and graphics. This course is an excellent foundation of business knowledge and skills and introduces students to the senior business education curriculum.

DRAMA

Pinetree Secondary offers a comprehensive theatre program that ensures student actors will have the opportunity to develop high level acting skills and production expertise within a diverse range of performance styles and experiences. The Theatre Program (Treehouse Theatre) is an inclusive program, and provides opportunities for performers at all experience levels to learn and develop their skills and knowledge in a safe, creative environment.



DRAMA 9s

This course will provide students with basic acting skills in areas of mime, voice, movement, stage combat, improvisation and some script work in a positive, creative atmosphere aimed at improving students' confidence and cooperative skills. Students learn the conventions of theatre while performing for each other in class, and build at least one class performance.

ENGLISH AS AN ADDITIONAL LANGUAGE

Placement in English as a Additional Language (EAL) classes will be facilitated by EAL teachers, counsellors and teachers in previous schools. EAL Canadian Studies 10 and EAL Composition 11 are linear courses. All English Language Learners (ELLs) are assessed in September and January to ensure proper placement for the semester. Advancement into English 10 will be determined by the EAL teacher and the EAL department.

EAL LEVEL 1/2 (Non-credit)

Students who are new to English or who are experiencing difficulty with any aspect of English (listening, speaking, reading, and writing) should register for this beginner-level course.

EAL LEVEL 3 (Non-credit)

This intermediate-level course places emphasis on reading skills, writing, vocabulary development and oral language. A student registering for this course should know the basic verb tenses, should be able to write simple sentences and should be successful with guided paragraphs.

EAL CANADIAN STUDIES 10 (BA) (Credit)

In this Social Studies based course, the focus is on reading, writing, listening, and speaking. The student registering for this course should be able to write compound and complex sentences, and develop a paragraph. This course is designed to prepare advanced ELLs to enter Social Studies 10.

EAL COMPOSITION 11 (BA) (Credit)

This literature-based course is designed to prepare advanced ELLs to enter English 10. Writing formal compositions and thinking critically on materials read in class is the central focus of study. The course will give advanced ELLs the needed skills and practice to be successful in English 10.

ENGLISH

ENGLISH 9

English 9 will provide students with a wide range of reading writing, and oral language experiences. Students will study short stories, poetry, at least one novel, drama, essays, and the media. Assignments will require that students write in a variety of formats and for a variety of purposes. A grammar unit will help students express themselves clearly as they write and speak. Coherent paragraph development will also be emphasized.

HOME ECONOMICS

Don't leave school without it! Explore the worlds of Food, Fashion, Family, Crafts and Psychology through our Home Economics courses. You will be able to meet your graduation requirements, gain employability skills, learn and practice life skills, and express your creativity while having fun in Home Economics. Take steps to prepare for your future with a practical and hands on approach. Explore what Home Economics has to offer, sign up today!



FOODS & NUTRITION 9

Come try our delicious recipes that give you gourmet results. Join us to learn new cooking techniques and celebrate the foods of the season. Discover and discuss what healthy eating habits really are and make them work for you. Plan and prepare meals that tempt your taste buds. Choose Foods 9 and be a part of the action in Home Economics!

TEXTILES 9

If you are interested in fashion and creating your own original clothing this is the course for you. In this course you will learn basics of clothing construction, sewing machine and serger capabilities, and we will use simple but effective techniques to create your clothing. Start sewing now and develop this lifelong skill.

INFORMATION TECHNOLOGY INFORMATION & COMMUNICATION TECHNOLOGY 9

This practical introductory course provides an opportunity for students to develop skills in using the Internet and various digital media applications. The focus is to develop computer skills that will help students critically evaluate digital information and help them to collect, organize, and present information in a variety of manners. This course provides a good foundation for future computer studies and provides useful skills that will enhance student work in all future studies. Technologies explored include basic graphic editing, presentation software, spreadsheets, word processing, basic web page design, and other multimedia skills.

LANGUAGES

In an increasingly international world, language is the key to understanding. Pinetree's Language Department provides opportunities for students to learn French, Japanese, Mandarin and Spanish..

FRENCH 9

French 9 builds on skills acquired in Grades 5-8. This is, however, an introductory language course. Students will learn effective language learning strategies and develop basic language skills. We hope that students will develop an appreciation of Francophone language and culture as they are exposed to written language, chanting, singing and games. This course is not designed for native speakers of French or students with an extensive French Immersion background.

JAPANESE 9

In this introductory course students will learn to talk about themselves and their lives in Japanese. This course assumes no prior knowledge of the language. Through projects and activities students will develop communication skills of speaking, listening reading and writing skills. They will learn one native script. Cultural awareness is also a key component. Note: Not intended for students whose first language is Japanese.



MANDARIN 9

This is a beginning course. Han Yu Pin Yin and simplified Chinese Characters will be introduced to help students master basic language skills in speaking, listening, reading and writing. By the end of this course, students should be able to order Chinese food in a Chinese restaurant and write a book about their family.

SPANISH 9

This is an introductory course, which focuses on effective communication. The students are taught basic grammar and vocabulary. Through a variety of activities, reading, writing, speaking and listening skills will be developed. The cultural component explores the life of Spanish speaking people in different countries. Note: This course is not intended for native speakers of Spanish.

MATHEMATICS MATHEMATICS 9

This course is designed to consolidate and extend topics introduced in the middle school years. Topics include operations with rational numbers, square roots and exponents, polynomials and algebra, linear relations, geometry and statistics. At the end of this course, students will be prepared for Foundations of Mathematics and Pre-Calculus 10 OR Apprenticeship and Workplace Mathematics 10.

MATHEMATICS 9 ESSENTIALS

This course should only be chosen on the advice of the Counsellor and the mathematics teacher. The course content does not parallel Mathematics 9. Basic mathematical skills and knowledge are covered in detail and the pace is suitable for students who have a history of difficulty with Mathematics. This course leads to Apprenticeship and Workplace Math and is not meant to prepare students for Math 10 Foundations and Pre-Calculus.

PRE-CALCULUS 9 HONOURS

This program of study is for those students who have displayed a natural aptitude for patterns and numbers. The course will follow Mathematics 9 curriculum, but with an extensive concentration on theory, derivations, proofs and history. Homework will be a daily event with formal submissions once a week. Students will also be required to complete project work as well as unit examinations on all material taught. A rigorous midterm and final examination complete the formal examination process. Note that a key component of the honors course includes development of problem solving skills through participation in national and international mathematics contests.

MUSIC

Music courses at Pinetree are generally performance courses. There is a wide variety of music courses, from beginning to advanced, that allow students to participate in the making of fine music at whatever grade level they participate. All performers at Pinetree (Instrumental and Choral) are required to perform at a number of concerts. Music students will be given the opportunity to attend concerts and workshops as part of their appreciation and understanding of the elements and principals of music. The Pinetree Music Department also offers music students the opportunity to participate in the annual Spring Tour and other field trips related to performing and appreciation.



INSTRUMENTAL MUSIC: Concert Band 9(BEG)

Band courses are offered from basic instruction on how to achieve success on a musical instrument through to the interpretation of musical scores and the development of young musicians into high quality performers. Each grade level introduces new musical concepts with an emphasis on developing musical maturity. Repertoire is chosen to emphasize the techniques that are expected for each grade level. Students will experience a wide range of music, including standard Concert Band literature, marches, show tunes and popular tunes. (FA)

INSTRUMENTAL MUSIC: Jazz Band 9/10/11/12

Students enrolling in Jazz Band must also be enrolled in a Concert Band class. Jazz Band courses are an extension of the Concert Band Program and feature the opportunity for students to play in the jazz and popular styles. Jazz Band requires specific instrumentation including: saxophones, trumpets, trombones and a rhythm section. Students who play these instruments will be most interested in Jazz Band, although students may wish to double on one of these instruments if their first instrument is a more traditional Concert Band instrument. (FA)

CHORAL MUSIC: Concert Choir 9

Choral classes are offered at each grade level. To enroll in Choir, students must have a strong desire to do well musically and be prepared to work at developing their technical singing skills. Students may take Choral 9 with no previous vocal experience. Choral students move into more difficult music quickly and will be singing excellent music before the first year is over. Each grade level offers further maturing of the choral techniques necessary for more sophisticated music. Music is selected to represent the various styles of choral literature, from the classics to the latest popular music. (FA)

CHORAL MUSIC: Vocal Jazz 9

Students enrolling in Vocal Jazz must also be enrolled in a Concert Choir course. Vocal jazz courses are an extension of the Concert Choir Program and feature the opportunity for students to sing in the jazz and popular styles. Some rhythm section players will be needed, and Band students who play drums, bass or piano are welcome to audition for Vocal Jazz ensembles. (FA)

GUITAR - BEGINNER 9

This is an introductory course for students with little or no previous experience on the guitar. Students who play guitar at a moderate level and who read music already should not take this course. If a student has questions regarding the level of this course, she/he should see the instructor. This is a non-performance course designed to teach students basic chords and how to read guitar music. In addition to learning many songs, students will learn strumming, picking and classical techniques. Barre chords will also be introduced. The school will supply guitars and music. (FA)



ELECTRONIC MUSIC COMPOSITION & TECHNOLOGY 9

This course is designed as an introduction to music composition and the use of MIDI (computer) technology. Classes will be a combination of classroom and lab work using MIDI equipment. Previous music experience is helpful but not essential, as students will learn relevant music theory and basic piano keyboard skills. If you want to try composing music and would enjoy working in a mini-recording studio format, this course is for you! (FA)

PHYSICAL EDUCATION

PHYSICAL EDUCATION 9 BOYS & GIRLS

This course will include an introduction and exposure to a wide variety of team, partner and individual activities with emphasis on basic skill and sportsmanship. Activities may

include volleyball, football, lacrosse, wrestling, minor games, basketball, basic first aid, dance, ultimate, badminton, track and field and softball.

FITNESS 9 (Introduction to Fitness)

Calling all athletes or future athletes! If you participate in a sport and want to get better then fitness is the key. This conditioning course will enhance your performance in your chosen sport. Participants will learn the basic fundamentals of fitness and how to train safely, as they participate in a variety of activities that include weight training, plyometrics, core muscle training, cardiovascular activities and pilates. Students should come to this class prepared to work hard and be the best athlete possible.

SCIENCE

SCIENCE 9

This course has three major units: Life Science – Reproduction; Physical Science with Chemistry – Atoms, elements, and compounds and Physics – Characteristics of Electricity; and Earth and Space Science – Space Exploration. The course will utilize a variety of learning strategies such as laboratory work, projects, and small group work.

SCIENCE 9 HONOURS

The Sc 9H course is designed to challenge highly motivated and high achieving students in the core curricular topics for science 9 in B.C. Students will be involved in challenging activities and topics at a higher and more rigorous level than regular classes. The topics will include reproductive biology, chemistry – atoms, molecules and compounds, physics – characteristics of electricity and space exploration.

SOCIAL STUDIES

SOCIAL STUDIES 9

Students will study the development of Canada from pre-contact First Nations peoples, to the history of early contact between Europeans and natives. They will also study some European history, especially the concept of revolution as illustrated through the English Civil War and the French and Industrial Revolutions. Other topics include the geography of North America and some mapping.

HUMANITIES 9 HONOURS

Humanities is the integrated study of human creativity and culture, including the study of language, history, art, politics, religion and philosophy. Humanities 9 Honours covers the provincially mandated curriculum for both English 9 and Social Studies 9. The main features of both courses are taught, but assignments are often combined and organized around common themes contained in both courses. Humanities 9 Honours will offer enriched coverage of curriculum. A strong emphasis is placed on developing critical intelligence and cultural literacy in this course.

Through a comparative and interdisciplinary approach, Humanities 9 Honours raises critical questions regarding the complex body of ideas, values, attitudes and emotions which shape our society and culture. This course will focus on developing the student's ability to read with comprehension, to write and speak effectively and to think critically.

TECHNOLOGY EDUCATION

“As technology assumes an increasingly dominant role in society, technological literacy is becoming as essential as numeracy skills and the ability to read and write” (Ministry of Education). Pinetree Secondary’s Technology Education program offers a variety of exciting focus areas and is designed for all students. The introductory courses give grade 9 students valuable experiences to help make future program decisions.

CARPENTRY & JOINERY WOOD DESIGN & MANUFACTURING 9

Students will learn how to safely use tools and equipment to design, create and finish their own projects. Students will work independently and in groups. The goal of the course is to have students develop their own ideas within a theme and using skills taught create quality products of which they can be proud. If you enjoyed working with wood in grade 8, then this is the course for you!



DRAFTING & DESIGN 9

This course introduces students to the concepts of design and visual communication by developing skills in technical drawing. As an exploratory course, many areas will be covered including sketching, modeling, 2D and 3D drafting, computer animation, CADD, computer graphics and design.



Approximately half of the course is computer based and the other half hand done. Students will also have the opportunity to explore ‘design passion’ areas of their own choosing, from

Architecture to Fashion Design and will develop an excellent set of skills for many career and life choices.

ENGINEERING AND INVENTION 9

This course is intended to be a **Fun and Active** way to explore problem solving, design, inventing, basic safe tool use and building to apply science and math principles. Students will learn about how machines and mechanism work, how to use them and build them to solve problems. Students will explore the creation and manipulation of power and energy including how to limit and calculate losses. Projects like CO2 dragsters, wind powered devices, trebuchets and electronic devices will be explored and built. Computers will be used as needed to support learning and design.

