

PINETREE SECONDARY SCHOOL

3000 Pinewood Ave., Coquitlam, BC

Phone: 604-464-2513 Fax: 604-937-8056

Website: [http://www.sd43.bc.ca/school/pinetree/Pages/default.aspx#/=](http://www.sd43.bc.ca/school/pinetree/Pages/default.aspx#/)

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.



2022 – 2023

GRADE 9 COURSE CALENDAR

Welcome to Pinetree Secondary School. We are excited that you will be starting your high school graduation journey with us. Pinetree is a school that offers a wide range of programs for students. There are very strong academic and elective programs as well as wonderful extracurricular opportunities.

Staff are committed to working with our new Grade 9s for the next four years to make Pinetree their educational home with the best possible learning environment. Our school goal is to provide all students with as many opportunities as possible on their road to graduation. As we are continuing with our BYOD program (Bring Your Own Device) this year, we are asking our Grade 9 students to be part of our 1:1 laptop program. Our goal is for all students to have access to a device during classes as needed. This Bring Your Own Device program will be explained in more detailed information to be sent home in March.

Jeremy Clarke - Principal

SCHOOL ORGANIZATION

The school organization has a combination of full year and semester 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. Jeremy Clarke

jclarke@sd43.bc.ca

Vice Principal

Mr. Chris Martin

A – J

chmartin@sd43.bc.ca

Vice Principal

Ms. Judy Payne

K – P

jpayne@sd43.bc.ca

Vice Principal

Mr. Mark Rao

Q – Z

mr Rao@sd43.bc.ca

ACHIEVEMENT

Details on reporting will be published asap as the Ministry and District will be moving to implement the proficiency scale at the grade 9 level.

ATTENDANCE

Regular attendance and being on time for class are requirements for every course. Parents/guardians of students who are absent due to illness or other circumstances are asked to notify the school as early as possible the morning of the absence via email, pinetreeattendance@sd43.bc.ca or by phone, 604-464-2513.

COURSE CALENDAR

If you have any questions, please feel free to call 604-464-2513 or email your Counsellor.

STUDENT TIMETABLES

Students are assigned to classes through the MyEd program based upon student choice and space. Every attempt is made to give students their first choices for electives. If this is not possible alternate electives will be assigned.

COUNSELLING SERVICES

The counsellor's role can be divided into four major areas: counselling (personal and academic), consultation and/or referral to outside support agencies, coordination with feeder schools and school community, and education. Our goal is to provide a balanced counselling service that encompasses all four areas.

Students are assigned to counsellors alphabetically based on their last name; however, they are free to see any counsellor should they so desire, for personal reasons. Parents who would like information regarding their sons' or daughters' progress or attendance are encouraged to contact their counsellor at Pinetree.

Services offered by the Counselling Department:

- Assistance with program and course selection
- Helping solve academic difficulties and problems, and helping with improving study skills
- Providing information about the school and its functioning and orientation
- Providing information on post-secondary training and registration (universities, regional colleges, vocational schools, technology institutes, apprenticeship programs, etc.), and on transition to such training
- Providing 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 in making their own personal decisions
- Support in crisis situations and referral to community agencies (mental health, counselling, public health, Ministry of Children and Families, etc.)



COUNSELLING

Students are assigned to counsellors alphabetically by last name:

Ms. Ririe (Ms. Johal on lve)	lririe@sd43.bc.ca	A – I
Mr. Nelson	kenelson@sd43.bc.ca	J – O
Ms. Dhillon	mdhillon@sd43.bc.ca	P – Z

Students wishing to see a counsellor should visit the counselling office or email their counsellor to make an appointment. If parents have any questions concerning the program, progress, or attendance of a student, they should contact the counsellor. It is best to contact via email.

Career Resources

Ms. Moorhouse – Post-Secondary Career Advisor –
cmoorhouse@sd43.bc.ca

Youth Workers:

Ms. Cridge – Youth Worker, ncridge@sd43.bc.ca

Ms. Jeoung – International Korean Youth Worker, (Tues.)
ajeoung@sd43.bc.ca

Ms. Walraven - Immigrant Youth Worker, awalraven@sd43.bc.ca

Ms. Xie – International Chinese Youth Worker, (Mon. & Wed.)
yxie@sd43.bc.ca

PACK GROUPS (Pinetree Advisory Connecting Kids)

PACK is the student's homeroom class. Students gather in these groups to receive information from the school, as well as grade presentations. In grade 9, the PACK is linked with their Digital Literacy class, and in grade 12, to their CLC course.

LEARNING SERVICES

Learning Services Teachers work collaboratively with students and their families to develop CB IEPs (Competency Based Individual Education Plans) for students with diagnosed learning challenges. They are part of the student's support network to determine the best course of action for accommodations and/or modifications to schoolwork and tests. In addition, Learning Services Teachers help facilitate the transition of students to post-secondary and work with counselors on their secondary educational program.

Learning Services Teachers and subject area specialists provide in-class support as well as teaching the Locally Developed Applications of Learning/Self Efficacy course in an effort to reach as many students as possible. The Learning Centre is also available for students who are not scheduled in targeted classes but require an alternate testing setting and/or accommodations for tests (at least one learning support teacher will be available each block). Case managers will ensure these students and their teachers are appraised of the availability of this service.

Developing self-advocacy skills is an important goal for all students. All students are strongly encouraged to attend tutorials offered by their classroom teachers when further clarification and assistance is needed. In addition to in-class support and class tutorials, students can also seek assistance at the Learning Centre during lunch and after school on most days. One-on-one

instruction during drop-in times is not guaranteed as the number of students seeking support can at times exceed teaching staff available.

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 school curriculum and the needs of its students and staff. A Teacher-Librarian works with teachers to design assignments which challenge students to develop their critical thinking and literacy skills. Students visit the library with a class or as individuals to complete homework, work on group projects or to get one-on-one help from the library staff.



A major 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: The library is open before school, at lunch and after school

Staff: One full-time and one part-time Teacher-Librarian, and one Library Assistant

Resources: Research books, novels, magazines, newspapers, online databases, Internet

Seating: 100

Computers: Online catalogue; 15 search stations and 22 laptops

Computer Lab: Adjacent room (30 stations)

ATHLETICS

Students at Pinetree have an opportunity to achieve a high level of excellence in sport. Athletics is a combination of competitive and non-competitive sports including intramurals. Pinetree students compete at a high level, with numerous teams making the Fraser North and BC Provincial Championships every year. Our goal is to provide sport programs that 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:

<i>Badminton</i>	<i>Mountain biking</i>	<i>Track & Field</i>
<i>Basketball</i>	<i>Ski & Snowboard</i>	<i>Volleyball</i>
<i>Cross-Country</i>	<i>Soccer</i>	<i>Wrestling</i>
<i>Golf</i>	<i>Tennis</i>	



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.

Animation Club	Fantasy Football	Pinetree Post
Arts & Crafts Club	Film	Ping-pong Club
Book Club	Game Creation	Seniors Care Club
Business Club	Games & Esports	Skills Connection
Charity Jazz Band	Global Group	SPCA Club
Chess Club	Happy Healthy (HH Club)	STEM Club
Coding Club	Homework Club	UNICEF Club
Cross Country Club	Key Club	Wish Youth Network Society (WYNS)
Dance Club	LGBTQIA+ Club	Women
Debate Club	Math Club	Empowerment Club
Environmental Club	Music Production	You and I Club

INTRAMURALS

Intramural Sports will operate every lunch hour. Students sign up for fun focused team events or simply drop by for open gym activities and social connections. Games may include:

<i>Dodgeball</i>	<i>Open gym activities</i>	<i>Table tennis</i>
<i>Floor hockey</i>	<i>Soccer</i>	<i>Volleyball</i>
<i>Handball</i>		

COURSE REQUIREMENTS FOR GRADE 9

Students in grade 9 are required to take 8 courses plus Career Education 9 and Applications of Digital Literacy 10:

English 9 or EAL	Mathematics 9
Science 9	Social Studies 9 or EAL
Physical Education 9	Three (3) electives

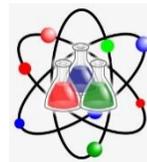
CORE COURSES

CAREER EDUCATION 9

Students explore concepts such as identity, leadership, personal planning, and transferable skills. As students build on the foundations developed in previous years, they begin to explore in greater depth their skills and passions and begin to determine possible routes to their goals. Career learning outcomes are being achieved through exploration within all subject areas.

APPLICATIONS OF DIGITAL LEARNING 10

In this course, students will be required to navigate the technology required to accomplish the competencies of our curriculum and beyond with efficacy and efficiency. Although categorized as a grade 10 credit, the course will be taken by all grade 9 students. Primarily, the goal of this digital literacy course is that individuals will be able to understand and define a task, choose the correct digital tool for the right purpose, and deliver a finished product behaving ethically and responsibly protecting the personal security and privacy of themselves and others. These skills are delivered through the five "fluencies" which students will develop through the course work.



Applications of Digital Learning is a linear course; however, the expectation is that the course will not be taught through direct instruction. Outcomes will be delivered throughout learning activities in PACK or combined within required courses throughout the year.

ENGLISH LANGUAGE ARTS 9

This course is built around the core competencies of Thinking, Communicating, Collaborating, and Personal/Social Growth. Students will explore text and story to deepen their understanding of identity: their own, others' nearby and people more distantly. First Peoples Principles of Learning will guide teaching and learning throughout the course. We will practice and develop our ability to critically assess what we hear, read, and view as we work toward becoming better educated, ethical and engaged citizens. Transitioning to a focus on secondary skills such as analysing work, evaluating and interpreting text and ideas, as well as writing to portray a clear intention and position are some skills of focus. Respectful sharing of ideas is a fundamental part of this course, in both written and spoken form. Media, Composition, Creative Writing, Spoken Language, and Focused Literary Studies are also elements of the course.

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. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course. At the end of this course, students will be prepared for Foundations of Mathematics and Pre-Calculus 10 or Workplace Mathematics 10.

PHYSICAL EDUCATION 9

In PE 9 we work together to build healthy, connected leaders who create a positive impact on their communities. Our emphasis is on leadership, strong peer connections, healthy behaviors, positive thinking patterns and personal growth. Skill acquisition and performance outcomes are secondary to big ideas related wellness and positive experiences. We also strive to help every student discover their inner athlete. Pinetree's PE 9 course includes an introduction to a wide variety of team sports. Activities typically include volleyball, football, swing dance, wrestling, badminton, minor games, pickleball, handball and ultimate Frisbee.



SCIENCE 9

This course has four major units: Life Sciences – Replication/Reproduction of Cells; Chemistry – Periodic Table, atoms, elements, and compounds; Physics – Characteristics of Electricity; and Earth and Space Science – Matter Cycles and Effects of Solar Radiation. The course will utilize a variety of learning strategies such as laboratory work, projects, and small group work.

SOCIAL STUDIES 9

Students will continue to develop the skills of research, analysis, and communication by studying thematic units of revolution, imperialism, and nationalism. These themes will focus upon how and why Canada developed as a nation, the settlement patterns of the 19th Century, and the effects these topics had and continue to have on the Indigenous peoples of this country. There is a focus on the Indigenous lens throughout these topics and how it relates to alternative perspectives of this history. Other topics include the physiographic features of Canada and patterns of migration and population growth during the 19th Century. There will be an emphasis on how colonization has challenged the Indigenous community and how the constitution has shifted as a result of the acknowledgment of these facts. Students will frequently use critical thinking skills throughout learning the course content.



HONOUR COURSES

****Limited seats are available. ****

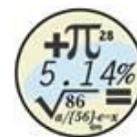
1. Students must self select in the Student Portal in MyEd.
2. Middle schools will then recommend appropriate candidates.
3. A lottery system will determine which student will have a seat in Honours.

ENGLISH LANGUAGE ARTS HONOURS 9

Taking the goals and concepts from English 9 a step further, English 9 Honours is intended for self-motivated students who have demonstrated exceptional skills in speaking, listening, reading, and writing. In this course, a strong emphasis is placed on developing critical intelligence and cultural literacy. Honours 9 raises significant questions regarding the complex body of ideas, values, attitudes, and emotions which shape our society and culture. This course will focus on further developing the student's ability to read with comprehension, to write and speak effectively, and to think critically. Analysis, reflective work, and formal, persuasive writing will be key areas of focus within the class. First People's Principles of Learning will guide teaching and learning throughout this course. An Honours student should have a strong, genuine passion for the subject and a willingness to receive feedback for the sake of pure learning and self-improvement.

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 Pre-Calculus 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 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. In addition, aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

SCIENCE 9 HONOURS

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

SOCIAL STUDIES 9 HONOURS

This Honours 9 course is for self-motivated students who have demonstrated exceptional oral and written communication skills while demonstrating a genuine passion for the subject. Honours 9 students will be required to engage further and strengthen their established skillset of research and analysis by studying thematic units of revolution, imperialism, and nationalism. These themes will focus on how and why Canada developed as a nation, the settlement patterns of the 19th century, and the effects on the Indigenous peoples of this country. There is a focus on the Indigenous lens throughout these topics and how it relates to alternative lenses of this history.

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.

VISUAL ARTS 9 (ART 9)

Art 9 is a fun and interesting course where students explore all sorts of art techniques and media. Through a variety of projects, students will have an opportunity to discover the creative possibilities of drawing, painting, collage and mix media, ceramics, printmaking, as well as plaster and papier mache sculpture.



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, presentation software, and graphics. This course is an excellent foundation of business knowledge and skills and introduces students to the senior business education curriculum.

PERFORMING ARTS

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.

PERFORMING ARTS 9

Drama, Dance, Musical Theatre...how about a class where you can have ALL of these? This course is designed to provide students with an introduction to 3 different styles of performance art: drama, dance, and musical theatre. Through intensive 3 – 4 week units, students will be provided with drama and acting basics, movement and choreography in various dance styles, and choral singing/dancing/acting skills. Students work in a positive, creative atmosphere, to explore, communicate, and create collaboratively and as individuals. Students will improve confidence and cooperative skills, and they are expected to demonstrate effort and enthusiasm in all areas, regardless of experience. This class will wrap up with a performance at the end of the semester.



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HOME ECONOMICS

Don't leave home without it! Our courses are fun, social, practical and unique. Discover what Home Ec has to offer!

FOODS & NUTRITION 9

Our introductory course is a “hands on” exploration of great food and food culture. Develop preparation skills, discover recipes you will treasure, and impress your family with meals made by you! New friendships and life-long memories are made in Foods 9.

TEXTILES ARTS & CRAFTS 9

Textiles Arts & Crafts 9 is an opportunity to learn a variety of skills for traditional and modern crafts involving painting, creative lettering, hand sewing, yarn, decorating and embellishment techniques. Through project-based learning we will explore how textiles arts and crafts are used for storytelling, passing on of culture, traditions, and skills. Students will individualize their projects to express their personal identity and creativity. No prior skills in art, textiles or crafting needed. Join us to learn a new hobby and connect with the people in your class!



INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY 9

This exciting introductory course allows you to develop and refine your skills in multiple aspects of technology in the fields of graphic design, animation, programming, web design and film. Students will design their own websites using software called Visual Studio Code. They will learn to manipulate images with Adobe Photoshop and create illustrations with Adobe Illustrator. We utilize a program called Blender to create 3D models and animate them. If time permits, we will take-a-peek into Game Design and students will create their own simple games. They will also learn

how to edit short films using Adobe Premiere and add special effects with Adobe After Effects. The goal of this course is to be a fun and creative outlet for students as they learn some fundamental software skills.

LANGUAGES

Students in language courses develop individual and group skills, learn to take risks and improve their capacity to communicate by participating in language classes. They know that acquiring a new language can alter their perspective on life and that 'culture', reflected in the language they study, takes many different forms. Ultimately, our students know that studying an additional language gives them a unique way to explore, connect with and experience the real world.

Along with communication competencies, students develop their risk-taking, initiative, group and personal reflective skills. It is these skills - coupled with a language - that post-secondary institutions & employers consider essential in our increasingly connected world. Please note that Grade 9 language classes are not intended for students come from an immersion program or speak it a lot at home. Please see a counselor for more information.

FRENCH 9

This is a novice level French class open to both newcomers to the language and those who have participated in the FSL program from grades 5 to 8. We will do a quick review of letters, sounds, numbers and greetings. Newcomers to the French language should expect to put in some extra time at the beginning of the semester to learn the basics. You will learn the vocabulary and key phrases needed to talk about yourself, your family and your friends; to express your interests and what you do in your free time; to discuss your school life and preferences. At this Novice level of French-language proficiency, you will practice asking and answering questions; reading, viewing and listening to a variety of authentic French texts including stories, songs, and videos; developing an appreciation for French culture and knowledge of *la francophonie* around the world. By the end of the class, you will be comfortable engaging in short conversations with your peers on the topics presented in class using simple sentences and vocabulary.

Please note: This course is not intended for native speakers or for most previous students of the French Immersion programme.

JAPANESE 9

This is a beginner level class open to all who have not studied Japanese before. You will quickly be speaking and using Japanese in class working a lot with partners and in groups practicing your new Japanese skills. You will master reading and writing Japanese characters too! By the end of the semester you will be talking with others about you and your life, express your interests, discuss things you like to do, and more! You will be reading stories and maybe writing your own at the Novice level! You will develop an appreciation for how Japanese reflects the Japanese culture too.

Please note: This course is not intended for native speakers or those who speak it a lot at home.

MANDARIN 9

This is an introductory course, which focuses on effective communication. Han Yu Pin Yin (Chinese phonetic System) and simplified Chinese Character will be taught to help students master the basic skills in reading, writing, listening and speaking. Through projects and class activities, students will develop an understanding of Chinese culture and talk about their daily life in Mandarin.

Please note: This course is not intended for native speakers or for most previous students of the Mandarin Immersion programme.

SPANISH 9

This is an introductory course, which focuses on effective communication. You will learn basic grammar and vocabulary. You will develop basic listening, speaking, reading, and writing skills necessary to communicate about self, family and daily life, as well as basic survival needs. You will have the opportunity to engage in different activities and work in pairs or groups to foster a better understanding of the language and culture. The cultural component explores the life of Spanish speaking people in different countries.

Please note: This course is not intended for native speakers or those who speak it a lot at home.

MUSIC



Making music at Pinetree Secondary is challenging and FUN! We offer a wide variety of music courses, from beginning to advanced, that allow students to participate in the making of excellent music. Our Concert Bands, Jazz Bands, and Choirs are outstanding performance groups and perform throughout the school year at school and district events. The Pinetree Music Department offers band and choir students the opportunity to participate in the annual Music Tour and other music field trips.

CONCERT BAND 9

Concert Band classes are scheduled as part of the regular school day – no more early morning band classes! If you were in your middle school band, then you will definitely want to stay in band in high school! Pinetree Secondary has an excellent band program. Concert band 9 develops the student's skills on a chosen instrument (woodwind, brass, strings, and percussion) and the music sounds better and better all the time. Beginners are welcome but will need to catch up with the help of a peer-tutor and work diligently. Students will experience a wide range of music, including standard Concert Band literature, marches, show tunes and popular tunes. Students will need to play a band instrument from the following: flute, oboe, violin, clarinet, bass clarinet, bassoon, cello, alto sax, tenor sax, baritone sax, trumpet, French horn, trombone, baritone horn, tuba, upright bass, electric bass, mallets (xylophone/orchestra bells), and snare drum.

EXTRA MUSIC COURSES

JAZZ BAND 9

Students enrolling in Jazz Band must also be enrolled in the Concert Band class. Jazz Band is a lot of fun and beginners are also

welcome! The Jazz band classes are scheduled as part of the regular school day. Jazz band is an extension of the Concert Band program and features the opportunity for students to play in the jazz and popular styles. A Jazz Band includes these instruments: clarinets, flutes, alto/tenor/baritone saxophones, trumpets, trombones, piano, guitar, electric bass, and drum set.

CHOIR 9

Pinetree Secondary has an excellent Choir program for students who like singing or want to improve their singing skills. This class takes place after school on Tuesdays and Thursdays and is a full-year course on the report card. This is an excellent performance class for students who like to sing and want to develop their vocal technique. No previous singing experience is necessary. This course is also beneficial for ELL students since it offers an opportunity to sing in English. Choir 9 students will be part of our larger choir group with grade 10-12 students. This is a fun, team-building class!



WOODWORK 9

Did you love Tech Ed at middle school? If so, please join us at Pinetree and continue the fun. Woodwork students work independently and in groups. We learn how to safely use tools and equipment to design, create and finish our own projects. We learn and practice skills, so we can build cool things to make us proud. Be active, productive and have fun! Join us for Woodwork 9!



FITNESS

FITNESS 9

Our Fitness 9 program outlines the fundamentals of fitness and how to train safely and effectively. Activities include advanced weight training, plyometrics, core muscle training, cardio workouts, and sports. This course is designed for athletes looking to improve their performance as well as students who wish to improve their fitness and energy levels. Students should come prepared to work hard and reap the rewards of a challenging class. Fitness 9 students will develop effective leadership skills.

TECHNOLOGY EDUCATION

Pinetree's Tech. Ed. Programs offer a variety of exciting and fun focus areas designed for all students. At the grade 9 level you have two options to choose from: Woodwork 9 and Engineering and Design 9. Both are fun filled and active courses that involve building and doing. Choose one, choose both, Choose Tech. Ed.!

POWER TECHNOLOGY 9

This course allows students to sample the many different Tech Ed programs available at Pinetree in one course. Students are introduced to fun, hands on projects that challenge students to solve problems and design solutions that they can build or test under the theme of Engineering and Design. Students are introduced to working safely with a range of different materials, tools, and equipment. Material areas covered include woodwork, metalwork, electronics, and the use of computer aided design as an output for vinyl stickers and laser cut keychains. Projects may vary depending on the group and teacher.

Think designing and building, think fun and active, think Engineering and Design 9!