



# THOMAS HANEY SECONDARY



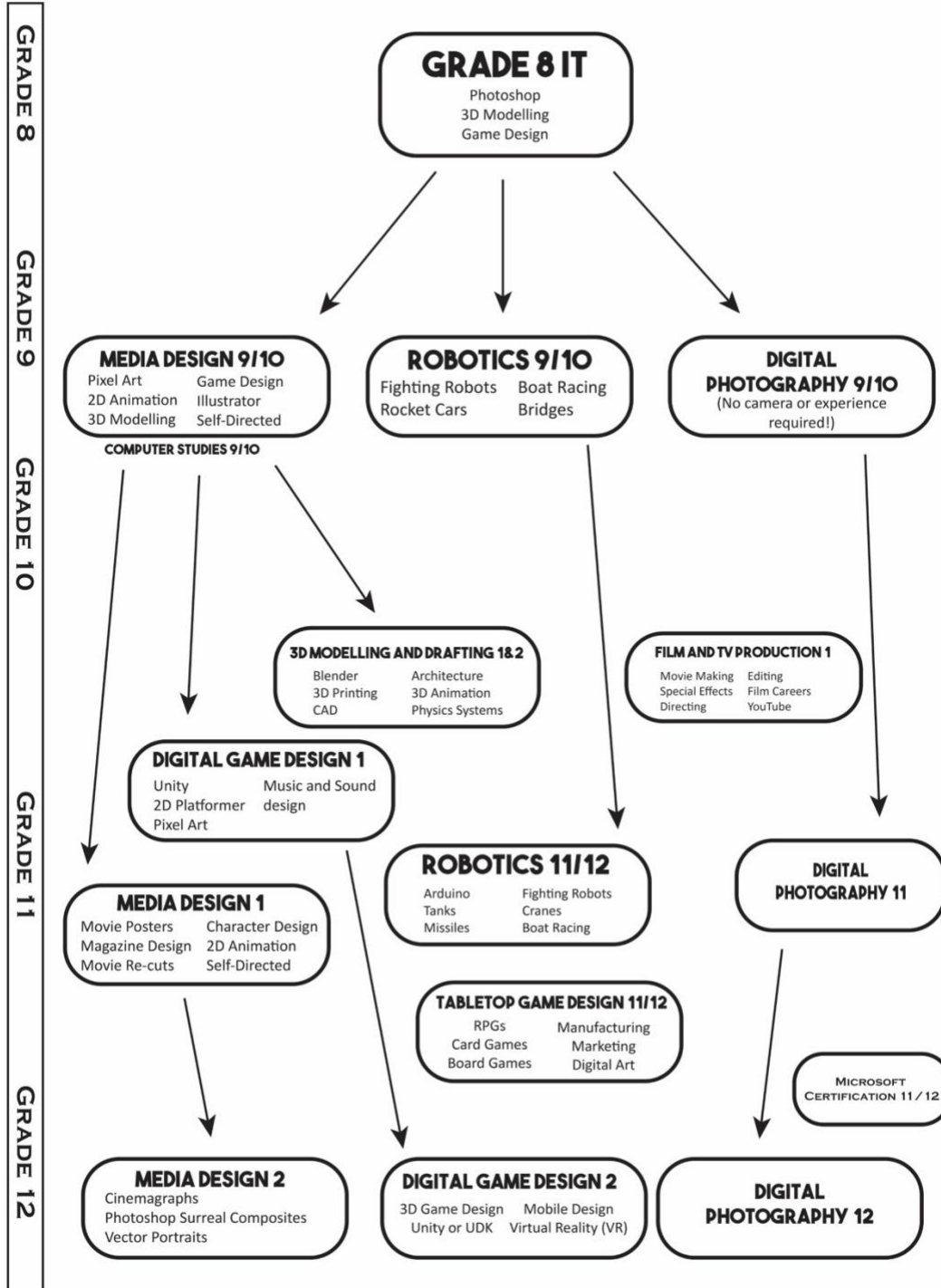
## 2021-2022 Course Planning Booklet

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# ADST

# TECH LAB COURSES



### **MEDIA DESIGN 9/10 (Computer Studies 9/10)**

Students will explore a variety of different programs and develop a wide range of computer skills. Typical projects may include: Design and Photography using Photoshop, Graphic Design using Illustrator, 2D animation using Adobe Animate, 3D modelling, Pixel Art. No experience is necessary for this course, and it is recommended for students from any computer skill level. This class counts as **BOTH** Applied Skill and a Fine Art.

### **DIGITAL GAME DESIGN 1**

This entry level game design course will focus on both 2D and 3D video game design using the Unity game engine and C# scripting. Students will also learn how to create 3D assets and models for video games. An introductory lesson series on pixel art will also be taught. Media Design 9/10 is strongly recommended as a pre-requisite.

### **DIGITAL GAME DESIGN 2**

This senior level course will focus on both 3D video game design using the Unity game engine and C# scripting. Students will also learn how to create 3D assets and models for video games. Advanced studies will include creating worlds for Virtual Reality devices such as the HTC Vive. This class is highly self-directed. Students need to take Digital Game Design 1 prior to taking this class.

### **DRAMA FILM AND TELEVISION 11/12 (Acting For The Camera)**

Film and Television 11/12 provides opportunities for students to develop the knowledge, skills and attitudes they need to work in the film and television industry. Students will gain practical experience in some of the major areas of the industry including acting, scriptwriting and production. This experience introduces students to the standards of the film and television industry with a focus on acting for the camera, creating an audition recording and portfolio as well as understanding the application process to work in the industry. Students also examine the important roles that film and television play in society. While students may choose to create and edit videos, this course focuses on developing “in front of the camera” skills and techniques.

### **FILM AND TELEVISION PRODUCTION 1 (Production and Directing)**

This is a skills-based technical course where students will develop the skills necessary to work in the film and TV industry. Focus will be on filming, directing, and editing of small films, shorts, and possible YouTube productions. Students will learn about emerging film technologies and methods to produce and edit video. Adobe Premiere and After Effects will be the primary software used, however Adobe Audition will be used for sound and music design. While students may decide to write and act in original productions, the focus of the course will be on the production, editing, and filming of the projects. Media Design 9/10 is strongly recommended as a pre-requisite.

### **MEDIA DESIGN 1**

This course will be project based, where students are asked to design and create posters, art, 2D animation, Film VFX and more. This course will be team taught by Mr. Goodman and Mr. Dickin. Students will continue to develop their skills using the industry standard **Adobe programs** – Photoshop, InDesign, Illustrator, Premiere and Animate. Media Design 9/10 is strongly recommended as a pre-requisite.

### **MEDIA DESIGN 2**

This class is a self-directed follow-up to Media Design 1. Students will build upon their skills from the previous year and further their knowledge in graphical design software. Emphasis will be placed on large scale portfolio building projects. Advanced lessons in Photoshop composites, Vector design in Illustrator are project examples for the year. Students need to take Media Design 1 prior to taking this class.

### **3D MODELLING AND DRAFTING 1**

In 3D Modeling, we will learn fundamental and advanced skills in computer 3D modeling programs. This course is an exploration of how 3D modeling is used in various careers: film and TV production, construction, and industry. We will be working with CAD software for architectural plans, Blender for advanced modeling, and 3D printing.

Media Design 9/10 is strongly recommended as a pre-requisite.

### **3D MODELLING AND DRAFTING 2**

This is a self-directed follow-up course to 3D Modelling and Drafting 1. Students will plan, draft, and execute projects in a variety of 3D modelling and CAD software.

3D Modelling and Drafting 1 is strongly recommended as a pre-requisite.

### **COMPUTER INFORMATION SYSTEMS 11/12**

This year we will be offering students the opportunity to gain **Microsoft Office Certification!** This course has a skill development component that lends itself to a global approach to business communications, including technological applications and presentation skills. Extensive computer applications using word processing, desktop publishing, database, spreadsheets and PowerPoint presentations will be covered.

### **ELECTRONICS AND ROBOTICS 10**

Fusing computer-aided design and hands-on skills this introductory course will give students the opportunity to build, test, and create a variety of different projects including: Sumo-robots, bridges, boats, rocket-cars, and more. This class will be working interchangeably in the Computer lab, wood and metal shop. Mr. Goodman, Mr. Brekkaas, and Mr. Page will be team-teaching this class.

### **ROBOTICS 11/12**

Fusing computer aided design and hands-on skills students will create and compete in a variety of different challenges. Builds include: sumo Robots, boats, rockets, bridges, siege weapons, gliders and more. The class will be working interchangeably in the Computer Lab, Wood and Metal shop. Mr. Goodman, Mr. Brekkaas, and Mr. Page will be team-teaching this class.

### **TABLETOP GAME DESIGN 11/12**

In this class we will create playable board, card, and story games. We will work with digital programs such Adobe Illustrator and InDesign as well as physical manufacturing processes like 3D Printing and Laser Cutting. We will also discuss Game Theory, Gamification, and Storytelling through games. No experience necessary—let's sit down and make some games!

### **POWER TECH 10**

Topics Covered: Small engine theory and service, basic hand tools, use of power machine, electronics, and student directed study of power.

### **AUTOMOTIVE 11/12**

The study of engine/motor principles and systems, progressing rapidly to in-shop repair techniques and procedures. Two and four cycle equipment service, analysis, overhaul, and general repair are the focus.

### **METALWORK 10 -12**

Topics Covered: bench work, arc welding, lathe work, milling machine, oxy-acetylene welding, sheet metalwork

## **ART METAL & JEWELLERY 12**

Topics Covered: Processes will include metal sculpture, copper work, sheet metal relief, enameling, jewellery and stained glass. Students will explore individual art projects.

## **WOODWORK 10**

Woodwork 10 is an introductory course for grades 9,10. No prerequisites necessary. Course includes, shop safety, machine demonstrations and practical construction techniques. Students will gain skills and experience with both hand tools and machines. Our goal at this level is to develop effective safety habits, design procedures, machine operations, finishing techniques and practical knowledge for future skill-based courses.

## **WOODWORK 11**

No previous experience necessary. Students will have the opportunity to enhance skills and confidence through a variety of projects. This class will familiarize and/or upgrade the student with the correct use and safe operation of machinery, power tools and hand tools. Students will learn design methods, build and create projects constructed from an assortment of materials and finishes. Students start with a prescribed project and later develop the skills needed before commencing a self-directed year end personal project.

## **WOODWORK12**

This course is open to all gr 12 students, no previous experience necessary. This class will familiarize and/or upgrade the student with the correct use and safe operation of power equipment and hand tools. Students will become familiar with basic cabinet/furniture making techniques and encouraged to use Computer Controlled Machines (CNC). Projects will include one prescribe project and several options e.g. wood crafts, coffee tables, end tables, shelving, lathe turning, rolling pins and pens, skateboards and longboards, and CNC machining of signs.

## **FURNITURE AND CABINETRY 12**

This course is open to all gr 11,12 students who have completed at least one senior woodwork course. This course continues to develop cabinet/furniture making techniques. Students are encouraged to include the use of Computer Controlled Machines (CNC) while also developing skills using a variety of traditional design techniques and machine operations. Students will also be encouraged to estimate materials and evaluate their own workmanship. Many shop projects to choose from including step ladders, Chess boards, coffee tables, BBQ stands, Lawn chairs, tables, cedar chests and smaller crafts.

## **PHOTOGRAPHY 10**

This is a basic intro to photography, focussing on the fundamentals. Students do NOT have to have their own cameras or need any experience. You will be taught editing skills using Adobe Lightroom and Photoshop. Students will also have access to the amazing photo equipment and studio.

## **PHOTOGRAPHY 11**

Intermediate level photography builds on the skills learned in Photo 10, which is not a pre-requisite. There will be some review but we continue to learn more advanced skills in taking photos and editing. Students will be introduced to project based assignments and some basic instruction in printing.

## **PHOTOGRAPHY 12**

Advanced photography. This course is project based, with you helping to decide on the direction you want to go. Advanced lighting, studio, editing, and printing techniques are taught. We will explore the possibilities of career opportunities. There will be guest speakers and field trips.

## **GRAPHIC PRODUCTION 11/12 – Yearbook**

# **BUSINESS**

## **ENTREPRENEURSHIP and MARKETING 10**

Ever wonder why some products in the marketplace are so popular while others are complete flops? Why do some products succeed in one country but not others? Students will develop an understanding of marketing strategies used to successfully bring goods and services to consumers. Students will learn about consumer behaviours, marketing research, advertising, promotions, pricing, and distribution.

## **MARKETING AND PROMOTION 11**

We all market; whether we are selling our friends on a movie, the family on a vacation, or people our ideas. Businesses who succeed know their customers and engage in ethical practices. This course allows students to work on their persona marketing projects or students can choose to work on the many school related projects and events.

## **ACCOUNTING 11**

This course is an essential life skill for all students, whether one is bound for business, a profession or self-employment. Students will be introduced to basic accounting for business, personal use, or professional careers. Upon completion of this course students will have the practical skills needed to pursue an entry-level bookkeeping position and the foundation for further studies in accounting or business. This course is a prerequisite for Accounting 12.

## **ACCOUNTING 12**

We added up to date course work and software using QuickBooks. Students will have an opportunity to work with special journals, payroll records, inventory control, payables and receivables. This is a computer-based course that offers an opportunity to apply your knowledge of accounting theory in practical, office simulations while developing skills for financial management. Intended for students who have covered the basics of Accounting 11.

## **FINANCIAL ACCOUNTING 12**

This course provides a general review of introductory accounting practices and then proceeds to work with more complex concepts and principles. Topics include financial ratios, adjustments, depreciation methods, inventory valuation, systems of internal control and accounting for capital assets. This course is intended for students who wish to pursue post-secondary studies in accounting or business. There is no prerequisite.

## **BUSINESS INDEPENDENT STUDIES 12**

If being self-directed in one (or all) of Entrepreneurship, Management, and Marketing is not enough for you, or if you're a student grades 9 to 11 and desire to work and learn about a big idea of your choice, then consider BUSINESS INDEPENDENT STUDIES. All creative persons should consider this course. Must see Mr. Scoular to get approval.

## **ENTREPRENEURSHIP 12**

For creative people and those who want to be self-directed learners.

Entrepreneurs imagine new or better ways of doing things to help others or fulfill people's unmet needs or wants. As well, business ownership has been the greatest means of acquiring wealth. Entrepreneurial skills can make those desires a reality. Whether a person is a social entrepreneur (those admirable people who start organizations that educate or benefit society) or a business entrepreneur, they all are inventors - they invent business ventures that work successfully.

This course is for people who desire to be self-employed, who wish to work in a life-style business or who strive to improve the quality of life of others. Course work consists of case studies, activities and a final individual project of your choice. True entrepreneurs have a vision they strive to create in their business.

## **eCommerce 12**

Looking for a side hustle? Arguably this is the best time in human history to create wealth. And the best way to learn is by doing. Why not use your time in high school to make some cash and, more importantly, create a business. Join us and we will learn together how to create a real online business

# CULINARY, FOODS, TEXTILES & BAKING

## **TEXTILES 9-12**

Want to make a costume for LARP, design a fancy dress, sew your own hipster jeans, up-cycle a purse, knit a Weasley sweater? Don't be intimidated – join Textiles and learn from the very beginning or build on your current skills. Arts and Crafts OR Sewing offered. You design your own course.

## **FOOD STUDIES 9**

This Level One Cookery course introduces basic home baking and cookery skills that are practiced in the laboratory setting. Units of study include flour mixtures; muffins, cakes, and scones; thickeners, soups, pasta, meats, fruit and vegetables. Nutrition and healthy choices are highlighted in each unit.

## **FOOD STUDIES 10**

In Grade 10 Foods we will advance our technique and skills in cooking and baking. We will explore different food systems, trends, eating practices and meal planning, for example. We will also look at our connections to food including our own personal food stories and you will have many exciting opportunities for creative and personalized meal and recipe design in this course. Hope to see you next year!

## **FOOD STUDIES 11/12**

Advanced Cookery Skills: Students work in groups to plan and demonstrate advanced skills in areas of personal choice. Projects open for exploration may include, for example, butchering, preservation, candy making, advanced cake decorating, entrepreneurship, public market solutions, and/or manufacture of innovative products. Focus on food safety, sustainability, production, availability, ethics, management of environmental resources, health and safety for individuals and families.

## **BAKING 10**

This Level One course will expand on basic baking techniques introduced in Foods 8/9. Batters and doughs including scones, loaves, cream puffs, crepes, waffles, cakes; pastries including tarts, pies and desserts. Cake decorating techniques such as crumb coating, flowers, lettering and food styling.

## **BAKING 11**

Register for this Level Two course once Level One is completed or equivalent experience shows mastery. Baking 11 builds upon Level One with more challenging self-directed projects. Advanced cake decorating skills; foam cakes; filled pastries; yeast breads; food design, photography, and web portfolio.

**CULINARY ARTS OVERVIEW: The THSS Culinary Arts Program provides students with hands-on training and experience in a professional food service operation. Students work co-operatively in the preparation of all food sold in the school's café.**

## **CULINARY ARTS 10**

Safe food handling practices and personal safety in the kitchen. Food service tools and equipment. Units and types of measurement. Professionalism in a food service kitchen. Indigenous food culture and traditions.

## **CULINARY ARTS 11**

Principles of cooking methods. Reading and conversion of culinary recipes. Anatomy of meat, poultry, and seafood. Identification and selection of culinary ingredients. Dietary restrictions and food allergies.



**CULINARY ARTS 12**

Menu design, recipe factoring, ratios, and costing. Methods and principle for seasoning and presentation. Ethnic and multicultural ingredients and their cooking methodology. Social, economic, and environmental effects of food procurement decisions.

# ENGLISH

## **HUMANITIES 9 POD**

This course is a cross-curricular program that pods together English 9 and Social Studies 9. There is an emphasis on field trips, collaborative learning, team building, and cross-curricular studies. Students will intertwine literature and writing with concepts such as Canadian identity, colonialism, revolutions, and Indigenous perspectives.

## **COMPOSITION 10**

This course is designed to support students in developing written communication skills. It will focus on: building writing abilities by introducing students to narrative, expository, descriptive, persuasive, and opinion pieces, using oral, written, visual, and digital texts. Students will create, original pieces, exploring audience, purpose, and context. First Peoples texts, worldviews, and Principles of Learning are embedded throughout.

## **CREATIVE WRITING 10**

This course is designed for students interested in creative expression. It will focus on: building writing skills, design processes, and experimental practice, using oral, written, visual, and digital texts. Possible areas of study include: contemporary creative forms, non-fiction, historical fiction, poetry, and song lyrics. First Peoples texts, worldviews, and Principles of Learning are embedded throughout.

## **LITERARY STUDIES 10**

This course is designed for students interested in a variety of literature. The course will focus on: exploration of a variety of themes, periods, authors, and world literature; as well as increasing literacy skills using oral, written, visual, and digital texts. First Peoples texts, worldviews, and Principles of Learning are embedded throughout.

## **NEW MEDIA 10**

This course is designed to reflect the increasing importance of digital media in communicating and exchanging ideas. The course focuses on: digital literacy, demonstrating understanding and communicating ideas through a variety of digital and print media, and using oral, written, visual, and digital texts. First Peoples texts, worldviews, and Principles of Learning are embedded throughout.

## **SPOKEN LANGUAGES 10**

This course is designed to explore spoken communication by analyzing oral, written, visual, and digital texts. The course focuses on: performance, public speaking, varied structures, forms, and styles of oral compositions: spoken word, slam poetry, recitation, readers' theatre, oral storytelling, debate, radio broadcast, podcast, social media, speech writing, presenting, and written proposals. First Peoples texts, worldviews, and Principles of Learning are embedded throughout.

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### **ENGLISH FIRST PEOPLES LITERARY STUDIES 11**

It is designed for students who are interested in studying First Peoples literature. The course will focus on: exploration of a variety of themes, periods, authors, and world literature; as well as increasing literacy skills using oral, written, visual, and digital texts.

### **CREATIVE WRITING 12**

This course provides students with opportunities to engage with common themes in a wide range of formats, such as graphic stories/comics, poetry, and children's literature. Students will also explore different genres while maintaining a focus on literary devices and techniques.

### **LITERATURE 12**

This course is about analyzing and discussing the greatest storytelling in the English language. The course focuses on: the history of the written word, how our stories connect us to each other, and to history. These works will be explored as pieces of art to be examined in global, historical and cultural context.

# **FINE ARTS**

## **VISUAL ARTS**

### **VISUAL ART 9**

In this beginner's class you will be taught various techniques to develop drawing and painting skills in portraiture, figure drawing, still life, abstract and landscape. You will work with various mediums such as charcoal, pastels, water colours, acrylics, collage, printmaking and clay.

### **ART STUDIO 10**

In this course you will work on different projects than Art 9, deepening your understanding of art elements, principles and techniques. Expect to grow your imagination and skill level as there is more choice in learning guide projects. We will work on colour theory, printmaking, screen printing t-shirts, figure drawing, painting, clay and all drawing types.

### **STUDIO ARTS 3D 10**

Sculpture will be the main focus of this class. Perfect for students who find their creative side through hands-on building rather than drawing or painting. Main projects include the pottery wheel, clay techniques, Papier Mache, wire, soap stone carving, mold making and plaster casting. This is a course for students who are makers!

### **ART STUDIO 11**

In this class, learning guides are highly adaptable to student interest and skill level. The focus in this class is on creativity and idea generation while working with all art forms. Imagery is explored as a means of personal expression and students are encouraged to use their art in cross-curricular projects. Students may begin to develop a portfolio for post-secondary and scholarship admission.

### **STUDIO ARTS 2 D 11**

Don't like to get your hands dirty? This is the course you will want to take if you are interested in drawing, painting, digital art or graphic design, but not sculpture. This class is suitable for all levels. Learning guides are highly adaptable to student interest and artistic ability. Students may begin to develop a portfolio for post-secondary and scholarship admission.

### **GRAPHIC ARTS 11**

Are you interested in both art, computers and apparel design? Students will work within a digital environment: on computers with access, scanners, imaging and layout software. Traditional drawing and image-making techniques are also important to the course. By the end of this course, you will know how to design and professionally print t-shirt designs.

### **STUDIO ARTS 3D 11/12**

Sculpture will be the main focus of this class. Perfect for students who find their creative side through hands-on building rather than drawing or painting. Main projects include conceptual found art, Papier Mache, clay modeling, the pottery wheel, clay, mold making and plaster casting. Self-directed art projects will be encouraged in these senior classes.

### **ART STUDIO 12**

This course is about developing your own personal style and expression while continuing to develop your art skills from Art 11. Students will learn to discuss their work and processes while further developing knowledge of contemporary and historical art movements. Students will have a full sketchbook and finished portfolio by the end of this course.

## **STUDIO ARTS 2D 12**

This course builds on skills and imagery developed in your Grade 11 Art course. You will be expected to further experiment within drawing, painting, printmaking, mixed media or digital art while developing your own style. Sculpture based work is not a requirement for this course.

# **MUSIC**

## **MUSIC 9: BAND**

Individual instrumental technique, ear training, tone, music theory, intonation, ensemble playing, and sight-reading

## **INSTRUMENTAL MUSIC ORCHESTRA 10 -12**

Advanced instrumental techniques and theoretical concepts, solo and ensemble playing

## **CHORAL MUSIC CHOIR 9-12**

Basic vocal technique-posture, breath control, pitch matching, introductory music theory, sight singing, unison and part singing, a cappella and accompanied singing, varied styles of music.

## **VOCAL JAZZ 9-12**

Vocal jazz technique studies - vocal inflections, pitch and vowel matching, vibrato, music theory, sight singing, unison and part singing, a cappella and accompanied singing, varied styles and historical periods in jazz matching, vibrato, music theory, sight singing, unison and part singing.

## **GUITAR 10-12**

Playing from music notated in standard notation and guitar tablature, basic chords and strum patterns, solo and ensemble playing, accompanying a singer, basic finger-picking, scales and music theory.  
Evaluation: playing tests, written tests and assignments

# PERFORMING ARTS

## **DRAMA 9**

The primary focus of Drama 9 is developing skills of movement, speech, confidence, communication, and cooperation through Drama games, warm-ups, exercises, scenes and group work. Students will explore a variety of dramatic forms such as: movement (mime, tableau and stage combat), improvisation and theatre sports, role-drama and play building, character creation, radio plays, scripted work, readers' theatre and more! A positive attitude, a willingness to work with others and an interest in learning about drama is required.

## **DRAMA 10**

Drama 10 is a transitional course which shifts the focus from developmental drama to the art of acting. The course is intended to broaden the students' theatrical experience as performer, spectator and critic. Students will work with scripted material, employ improvisation and explore mime and theatre games. It is expected that students will have a genuine interest in all forms of theatre and a willingness to perform. It is expected that students will work in ensemble, trios, pairs, and solo. Students will have field trip opportunities to see professional theatre productions. Course content is delivered and assessed by daily routines, participation, and performances.

## **DRAMA 11 (Theatre Performance 11: Acting)**

This course will develop acting skills and provide extensive experience in presenting improvised and scripted material. Creativity, increased self-awareness, leadership, as well as the theatre skills of characterization, blocking, speech, stage business and script interpretation will be taught. Aspects of theatre history will be studied. Students will have field trip opportunities to see professional theatre productions. Course content is delivered and assessed by daily routines, participation and performances.

## **DRAMA 12 (Theatre Performance 12: Acting)**

This advanced course in acting will afford students opportunities to develop characters, create and present improvisational and scripted work and to expand and reinforce the skills emphasized in Drama 11, but goes further in content and expectations of the student. Students are expected to be serious in their commitment to theatre, as critical analysis and leadership are emphasized. Experienced Drama 12 students are given the opportunity to assist with casting and directing One Act plays, if they choose. Students will have field trip opportunities to see professional theatre productions.

## **DIRECTING & SCRIPT WRITING 11/12 (Theatre Perf. 12: Directing & Script Development)**

This course is for the committed theatre student who has taken Drama courses. The course may be offered in any block in conjunction with another Drama course. Students must be willing and able to work independently, write several redrafts, take criticism well, and be critical of written and performed work. Completion of Drama 11 and enrollment in Drama 12, as well as permission from the instructor will determine entrance to the course.

### **THEATRE PRODUCTION 10-12 (Stagecraft)**

Theatre Production classes are courses offered in backstage theatre: lights, sound, props, set design, set construction, set decorating, costumes, makeup, publicity, stage management, etc. Students should be self-motivated, willing to follow instructions precisely and work outside of school hours when needed to produce the yearly school play or musical. Students in Theatre Production are given great responsibility and are expected to develop and demonstrate outstanding leadership abilities.

### **THEATRE COMPANY**

Theatre Company is a course open to students in grades 9 to 12 who wish to participate in the Sightline Theatre Company's annual production as performers, assistant directors, stage managers, props and costume designers, set builders, painters and decorators. Participating students will also take on ticket sales, publicity and front-of-house duties. THSS productions include a variety of theatre genres including dramas, comedies and musicals. This course will be out of the timetable after school. Not all students are required for every rehearsal during Pre-Production, but they are expected to work independently memorizing lines, reviewing blocking, analyzing character, reviewing rehearsal notes and keeping a production binder. All students are required for Tech Week, Production Week and Post-Production. In order to be cast in a speaking role in a production, students must be enrolled in Drama 9, Drama 10, Drama 11 or 12 and will be required to audition.

### **DRAMA FILM AND TELEVISION 11/12 (Acting For The Camera)**

Film and Television 11/12 provides opportunities for students to develop the knowledge, skills and attitudes they need to work in the film and television industry. Students will gain practical experience in some of the major areas of the industry including acting, scriptwriting and production. This experience introduces students to the standards of the film and television industry with a focus on acting for the camera, creating an audition recording and portfolio as well as understanding the application process to work in the industry. Students also examine the important roles that film and television play in society. While students may choose to create and edit videos, this course focuses on developing "in front of the camera" skills and techniques.

### **MUSICAL THEATRE 9/10**

This course gives students the opportunity to explore their secret passion for putting it all together: singing, acting, and dancing. Working with songs, text and choreography from contemporary musical theatre productions, students will perform in a variety of contrasting scenes appropriate for their age and ability. Students will also have the freedom to explore experimental compositions that involve all three theatrical disciplines.

### **MUSICAL THEATRE 11/12**

This course explores the movement, vocal and dramatic aspects of musical theatre. The course will include an introduction to dramatic, vocal and dance technique where students will construct, discuss, perform and analyze those art forms. Opportunities will be available to attend live performances of local student recitals and/or professional productions, examine films and participate in workshops. The culminating activity will consist of the student's participation in a final production. Be prepared to sing, dance and perform!

# DANCE

## **DANCE 9-12**

Students enrolled in the dance program will learn basic dance steps and terminology that are universal to all dance forms. Students will also master choreographed routines and experiment with their own creative ideas in dance combinations. Several disciplines will be learned including jazz, lyrical, hip hop, Broadway and cultural dances. Students will engage with music through movement, costume and performance. As this is a multi-grade and inclusive course, age and previous dance experience will be considered when assessment is done. To be successful in this course, students need to be positive, have an excellent work ethic, work closely with other students and be willing to perform! No previous dance experience is required to take dance courses at THSS.

## **DANCE COMPOSITION 11/12 (Choreography)**

Dance Composition is about understanding the tools used in developing a dance through exploration. This course is open to students who already have an extensive dance repertoire. Students enrolled in this course will have the opportunity to work with an artistic director (aka the teacher) to choose music, learn methods of inspiration, choreograph and learn ways to teach the choreography to their peers. Students must be able to work independently to complete choreography and may need to book studio time to do so after school.



# LANGUAGES

## **INTRO TO JAPANESE 11**

Focus is on vocabulary development, speaking, reading/writing hiragana and katakana writing systems, and learning about Japanese culture. We typically have a student from Japan help facilitate and provide students with an opportunity to speak with a native speaker. Attendance and participation weigh heavily in evaluation.

## **JAPANESE 11**

Successful completion of Intro Japanese 11 or previous Japanese language experience required. Students continue learning useful language structures, solidify ability to use hiragana and katakana, and begin learning common kanji. Students learn more about Japanese culture and useful information for traveling in Japan.

## **FRENCH 9**

Continuation of language skills from French 8. Topics covered: food, fashion, music and stories. Oral work: conversations, interviews. Written work: dialogue scripts and paragraphs describing preferences. Reading: dialogues, short stories. Projects, food festival and cultural activities.

## **FRENCH 10**

Some themes include: Belgium, surrealist art, daily routine. Topics covered: improving speaking, listening and writing skills, continuation of grammar skills from French 9, paragraph and dialogue writing, reading short stories, songs, projects and cultural activities. This course is a pre-requisite for French 11.

## **FRENCH 11**

Some themes include: my childhood, impressionist art, shopping in Paris. Topics covered: speaking and listening skills, written work, more complex grammatical structures, new verb tenses, paragraph writing, reading, projects and cultural activities. This course is a pre-requisite for French 12.

## **FRENCH 12**

Topics Covered: Introduction to more complex grammatical structures, gradual review of structures introduced in lower levels, and use of them in increasingly complex reading and writing exercises. Students will also be exposed to French stories, poetry and travel. All concepts are introduced in the context of a French culture theme.

## **SPANISH 9**

This course is a continuation of skills from Spanish 8. Students will work on oral, listening, reading and writing skills. Students will also explore and learn about Hispanic culture.

## **SPANISH 10**

This course is a continuation of Spanish 9. Cultural, written, spoken and listening activities will be interspersed throughout this course. Topics will include: travel, daily life, culture, music and more. This course is a pre-requisite to Spanish 11.

**SPANISH 11**

This course is continuation of Spanish 10 or Beginner's Spanish 11. Topics covered are: film, personal passions, story-telling and Spanish culture. There is a balance of written, listening, spoken and reading work as you learn more ways to express yourself in Spanish. This course is a pre-requisite for Spanish 12.

**SPANISH 12**

This course is designed for students wanting to develop a deeper understanding of the Spanish language. Topics covered: my childhood, stereotypes, music. There is an emphasis on oral communication: the use of Spanish in authentic contexts and spontaneous conversations.

**INTRO TO SPANISH 11**

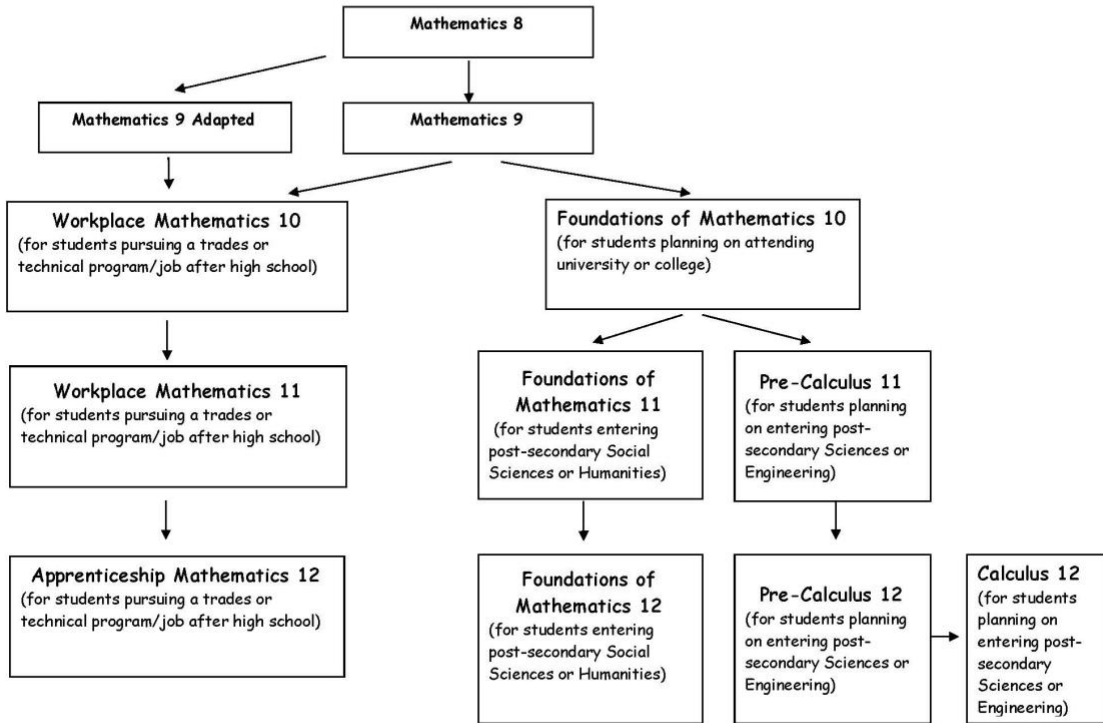
This course is a combination of Spanish 9&10. Topics include the basics to begin communicating, daily life, family and cultural topics. This course is designed for students who have never taken Spanish and who are in grade 10/11. Successful completion of this course permits students to take Spanish 11.

**LANGUAGE FOR TRAVEL 12**

This course gives students the opportunity to learn how to communicate in day-to-day situations in French, Spanish and German. The focus is on speaking and reading skills and the culture of the language being studied at that time. **Students must be taking a grade 11 or 12 Language Course**

# MATH

Guide to Mathematics Curriculum Pathways (more info at [www.thssmath.com](http://www.thssmath.com))



# PHYSICAL EDUCATION

## **PE 11 (ACTIVE LIVING 11)**

Students will participate in a wide variety of activities based within the school and community. School based activities include fitness, dance and various team and individual sports, while community-based activities could include golf, curling, bowling, rock climbing, or hiking.

## **PE 12 (ACTIVE LIVING 12)**

This is a continuation of active living 11, with emphasis on skill development, leadership, and lifelong appreciation for sport and exercise.

## **PHYSICAL EDUCATION – Lifestyles 9/10/11**

This is a class for those students who do not want to be a part of competitive team games or who need physical adaptations that regular PE cannot accommodate. Activities will be mostly fitness based, with weekly walks in the community rain or shine.

## **FITNESS & CONDITIONING 11**

This course is designed for students who wish to further their knowledge of weight training, nutrition, and development of his/her own workout program. Open to students in grade 10 with teacher permission. This does not fulfill PE 10 credit.

## **FITNESS & CONDITIONING 12**

This course will expose you to a variety of exercise programs and approaches that will help you reach your personal fitness goals.

## **ATHLETIC LEADERSHIP 11/12 (students can be in grades 10,11, or 12)**

Students will learn how to plan, promote and manage both small and large sporting events in the school setting. Course meets one time per week and hours are obtained through refereeing, score keeping, and supporting our school's sports teams.

## **INTRAMURAL LEADERSHIP 11/12 (students can be in grades 10,11, or 12)**

Students will learn how to successfully plan, organize, promote, and implement a variety of lunch hour activities. One hour per week will happen during a set block, while the rest of the hours required for this class will happen during lunch.

## **YOGA 11/12**

Are you interested in gaining strength and flexibility? Do you like to do exercise at your own pace and ability level? Would you like to start a healthy fitness routine that you can continue throughout your life? The yoga studio at THSS is an encouraging, welcoming atmosphere for students of all levels. We do a variety of styles of yoga, including gentle stretching, relaxation, brain work, power yoga and yoga fitness.

## **PE STUDENT AIDE 11/12 (students can be in grades 10, 11, or 12)**

Students will be assigned to do this course in a PE class. Students will attend every time the class that they are assigned to meets, this will depend on quarters, semester, or linear schedules. Students will learn to become a leader in a PE setting. Students will help with demonstrations, warm-ups, and will participate in the class as a role model for the students in the class.

## Science

*All Science 11 courses are general survey courses suitable for a science graduation credit. All grade 12 Science courses are more focused on specific topics leading to post secondary. Please see individual teachers for a more detailed description or the science department head (Mr. McIntosh) Important: please check with the post secondary institutions for accepted courses.*

**LIFE SCIENCE 11** is a course for students interested in careers related to the biological sciences (**nursing, medicine, forestry, etc.**) or for students wanting to learn about the living world around them. It introduces the various forms of life, from microscopic to multicellular organisms, taking an evolutionary approach that explores connections between all living things.

**LIFE SCIENCE 11 - MARINE BIOLOGY** is the study of marine organisms -- their behaviors and interactions within the environment. It provides the same skills and expectations as regular Life Science 11, but uses a Marine ecosystem platform. Investigations include: health of our oceans, biodiversity, marine biotechnology, molecular biology, aquaculture, marine mammals.

**SCIENCE FOR CITIZENS 11** is designed to give students an understanding of how science relates to our daily lives. Some of the global topics include extreme weather events, disaster survival, energy generation and resource sustainability. The personal/home science topics include nutrition, supplements, medications, home automation, security and alarms. The local/workplace topics include waste management, workplace chemicals, explosives and forensics.

**EARTH SCIENCE 11** is a course designed for students interested in Physical Science fields (**Geology, Environmental Engineering, Climate & weather, etc**) or are interested in the physical structure of the Earth and the processes that occur within and on it, including volcanoes, earthquakes, tornadoes and more.

**PHYSICS 11/12** is recommended for most students planning to attend post secondary for **general sciences, and trades. Engineering and Medical** schools usually recommend both **Physics 11 and 12.**

**CHEMISTRY 11/12** is recommended for all students attending post secondary education for **Science, Engineering,** and all **Medical** fields. Chemistry 11/12 is also a good general choice to keep all of your post secondary options open.

**ENVIRONMENTAL SCIENCE 11/12 - Environmental Science 11** focuses on natural ecosystems and human impacts on sustainability, stewardship and restoration of natural systems. **Environmental Science 12** focuses on human activities that affect the global climate system and how the needs of a growing human population can be met sustainably supporting the well being of self, community and the earth.

**ANATOMY & PHYSIOLOGY 12** is an important introductory course for those seeking to explore careers in the Biological Sciences (**nursing, medicine, forestry etc.**) and those curious about how the human body works. The content focuses on the function of the body's main systems, from respiration, circulation, to the brain and the nervous System.

**SPECIALIZED SCIENCES 12** is a student directed/teacher mentored course combining selected outcomes from any of the science 11 or 12 courses to design a course around the interests of the student, broad topic examples could include: astronomy, sustainability, global climate change, green energy/living etc. See Mr. McIntosh for more details.

# Social Studies

## **SOCIAL STUDIES 10 – Community and Outdoor Focus**

While Social Studies 10 is a graduation requirement for all students, this optional block will cover the same material but with a more local focus. As part of the class students may participate in local walks from the school or in their own neighbourhoods to observe socials related topics in Maple Ridge. Topics covered could include issues such as indigenous/settler history, urban development/sprawl, the environment or other current topics of interest. Several larger field trips will also be offered over the year to provide a local context to issues discussed in class. A greater emphasis will be placed on shared learning in this class so attendance and participation will be a key component.

## **OUTDOOR STUDIES – Socials Exp. 11 and Outdoor Education 11**

Love the outdoors? Want to learn about the community and world in which you live? By participating in a variety of field trips, from hiking and caving to Skytrain rides and food tours, you will learn about many of the themes of Social Studies such as history, geography, Indigenous studies and comparative cultures. Combined with Outdoor Education, this program will provide a practical, experiential approach to the study of the community and world around us that we experience everyday.

## **OUTDOOR EDUCATION 12**

Do you have a desire to get outside? Try something new or share a passion for an outdoor/adventure sport? The Outdoor Ed 12 is the course for you. As primarily a participation and field trip based class, students will have the opportunity to participate in a wide variety of outdoor activities. Choice of activities will be built around student suggestions and could include overnight hikes/camping, sailing, rafting, winter sports, etc. Outdoor Education will give you the opportunity to build on skills such as communication, teamwork and leadership in addition to the specific skills required to safely participate in each activity. There is no pre-requisite for this course except a love for being outside, although we will build off of learning from Outdoor Studies 11.

## **CONNECTIONS – Law12/Crim 12/Lit Studies 11**

Connections 11 is a cross-curricular program that pods together Law 12, Criminology 11 and English 11 Literary Studies. It is There is an emphasis on field trips, collaborative learning, team building and cross curricular studies. Multiple teachers work in Connections to accommodate various learning styles and educational goals. Some highlights from Connections are the Forensics Unit, Prison Field and Prison Design, and the Victoria Field Trip. A unique THSS program offered since 2006!

## **BC FIRST PEOPLES 12**

Through an Indigenous lens, students will explore the diversity, richness, and resiliency of B.C. First Peoples to gain a stronger understanding of the impact of colonialism on local populations. Through this course, students will participate in outdoor and land-based learning activities, connect with local communities and gain a stronger understanding of Indigenous worldviews and languages.

## **ECONOMIC THEORY 12**

Politicians, business leaders, the media and many in the public frequently talk about “the economy”. But what does it mean? It’s about resources and the decisions human beings make. Yes, this course will look at economic theories but there will plenty of “real world” discussion and debate.

## **COMPARATIVE CULTURES 12**

From a broad perspective, Comparative Cultures 12 focuses on the interrelationships of belief systems, social organization and power and authority of cultures past and present around the world. CC12 looks at culture and society from history to today from a different perspective; to think “outside the box” from the how, focusing on the why. This course provides opportunities for students to broaden their perspectives; to think and act not only as Canadians, but global citizens. The learning outcomes and curricular competencies of Comparative Cultures 12 are complimentary to many other course offerings in the Social Studies department and serves as an excellent opportunity for a glimpse into college and university course topics in History, Sociology, Anthropology, Archeology, and others.

## **CRIMINOLOGY 12**

What are the causes and consequences of criminal behavior? How do and should society respond? Criminology explores the reasons and reactions to crime and the costs of our decisions as individuals and as a collective. Criminology covers range of topics such causes of deviance, forensics, operation of correctional centers, and restorative justice.

## **URBAN STUDIES 12**

Seventy percent of the world’s population will be living in cities in 30 years. Traffic planning, architecture, food supply, crime, real estate prices, and population growth are increasingly critical areas for study. City planning is critical as our urban populations face unprecedented challenges. This is a rapidly expanding field of study offered by many post-secondary institutions, as cities and municipalities look to employ those who understand the challenges facing growing urban populations. SFU, UBC and University of Toronto all offer Urban Studies programs.

## **LAW STUDIES 12**

Law 12 explores Canadian legal, social, and ethical issues, and encourages students to reflect critically on the role of law in society. Specific attention and time will be designated to exploring what causes laws to change and how society evolves.

## **PHYSICAL GEOGRAPHY 12**

Understanding the physical environment is critical for our social and economic well-being. Major earthquakes and other tectonic events affect how we live. Students will become better at weather prediction as well as earthquake survival! It is expected that the optional field trip component (Copper Mountain Mining/Apex Mountain Ski Area) of this course will return as travel restrictions ease. Physical Geography is offered at all universities as a major or minor and is a widely accepted option for university entrance across North America.

## **20<sup>TH</sup> CENTURY WORLD HISTORY 12**

We are told “we are living in a time of unprecedented change”, but arguably the 20th Century was **truly** the greatest transformation in human history: new technology, world wars, ideological conflicts and unparalleled social change. This course will also help you prepare for post-secondary education.

## **PHILOSOPHY 12**

What is the meaning of life? Is our universe real? What is morality? Is there life after death? Do we have free will? Do I exist? Philosophy seeks answers to these questions. This is a conversation based course. You will learn to construct rational, bulletproof arguments. This course is open to both grade 11 and 12.

## **SOCIAL JUSTICE 12**

Need ammunition for calmly dealing with your racist uncle at Thanksgiving who thinks that all refugees are dangerous and that climate change isn't a thing? We will explore a number of social justice issues, including war, genocide, identity, global poverty, consumption and the environment – in the hopes that you will be able thoughtfully and actively engage with these complex issues.



# OTHER

## **LEADERSHIP 10-12**

Open to students with good work habits and a positive working relationship with peers and staff. Topics include Leadership Theory, Leadership Styles and School Culture. Assignments involve oral and written presentations. The students will be expected to participate in the organizing and implementing of school activities. There will be opportunity for the students to be involved in workshops and activities outside of the classroom.

## **BOYS CLUB: H.O.P.E. 11/English Spoken Word 10/11**

For Boys Leadership 11 course considers all aspects, opportunities and challenges of contemporary life and 21st century learning for young Canadian male students today. It also explores the male universe historically, and in the future, as it relates to individuals, relationships, careers, communities, aboriginal and western societies, environment, the global village, and most particularly Canada.

In this course, there is a strong emphasis on the development of the individual (in essence, laying the foundation of H.O.P.E.) through the receiving of intense support in the areas of Hope, Opportunity, Positive mentorship, and Education. Hope is developed through the strong connections these young men will make to positive male influences in their lives.

## **LIBRARY SCIENCES 11 (NEW)**

This course provides students with hands on experience in library management, organization and services. Students will learn skills that will be useful in their future studies and employment. This is a great course for those interested in working in a library or pursuing post-secondary studies which will involve research.

## **PSYCHOLOGY 11**

Why do we behave the way we do? What governs our thoughts and actions? Psychology is the study of the brain and behaviour. Topics include personality, mental disorders, addiction, sleep and others. This course will change the way you perceive yourself and others, and enhance your insight into how we think and behave.

## **PSYCHOLOGY 12**

Self-directed course intended to allow students to pursue a specific area of interest within the realm of psychology, experience the research process at a post-secondary level (including reviewing existing scholarship as well as conducting their own research), and ultimately produce a properly formatted research paper to demonstrate their learning.

## **FLY FISHING 10**

This course had been designed to have students relate to, explore and make better use of the natural world. This will be done in a safe and respectful manner. Students will be taught ethical decision making skills, animal identification, skills, fly tying, knot tying, practical equipment building skills, history of fishing in BC, water safety and wilderness first aid / survival skills and a variety of fishing skills.

## **Equestrian Studies 10, 11, 12, and IDS 12**

Do you love animals? Horses in particular? If so, Equestrian Studies is for you! It doesn't matter if you have your own horse or if you have never ridden before as having a horse is not a requirement for any of the Equine Studies courses. You simply must have a passion for horses, an interest in anything horse related, and a desire to learn more about them and their care. Courses may be taken individually and if all four courses are completed, students will receive a certificate in Equestrian Studies. Pending Covid restrictions, there will be guest speakers and field trips.

### **Equine Studies 10**

This is the first year course that covers grooming, safety, equine law, risk management, ground handling, the horse in history, art, film and literature, physiology, breeds, colours, markings, conformation, tack and attire, equestrian facility design and management, competition rules, etc. We will also focus on additional aspects from the Equestrian Canada Riders program levels 1-2 for students working towards their certificates.

### **Equine Studies 11**

The second year course includes feeding and nutrition, bit types, saddle fitting, clipping, skin diseases and treatments, digital imaging, pre-purchase examinations, marketing, worming and vaccines, foot physiology, hauling, lunging, etc. Equine Studies 10 is not a pre-requisite but highly recommended as we will continue building on knowledge learned and focus on additional aspects from the Equestrian Canada Riders program levels (English 3-5, Western 3) for students working towards their certificates.

### **Equine Studies 12**

The third course encourages critical thinking skills with an analytical Guided Inquiry project on ethical issues facing the horse industry, bandaging, first aid, dentistry, and a "teach the class" project.

Students will also continue adding to previously acquired knowledge with more depth, and focus on additional aspects from the Equestrian Canada Riders program levels (English 6-8, Western 4) for students working towards their certificates.

### **Equine Independent Directed Studies 12**

Students who have enrolled in Equine Studies 10, 11, and 12 may take this course to complete the entire 16 credits for graduation and receive their THSS Equestrian Studies certificate. This course enables riders working with their own coach or trainer to earn credit for their riding, assessed by their own coach using a rubric. Non-riders have alternate guided inquiry options. This course may be taken and completed any time after enrollment in Equine Studies 11.

**WORK EXPERIENCE 12**

This course has been developed for students who have a paid job or volunteer position (100 hours start to count after getting the required signatures). Past hours do not count. Course may be started in May or June of the previous school year – and must be finished the following school year.

**STUDENT AIDE 11/12**

Topics Covered: Learning styles and strategies, organization and time management, developing basic skills, tutoring methods. Student must get permission to take this course. Please see a counselor for a form

**COMMUNITY SERVICE 12A**

This course has been developed for the student who:

Has or will have volunteered 100 hours of community service. Hours from grades 10 to 12 will count towards this course. Hours do not count towards a Work Experience 12 credit.

## EXTRA INFO

### OLD NAME >>>> NEW NAME

ROBOTICS AND DESIGN 10 >>>>ELECTRONICS AND ROBOTICS 10  
SCULPTURES 10 >>> STUDIO ARTS 3D 10  
BIOLOGY 11>>>>LIFE SCIENCES 11  
BIOLOGY 12>>>>ANATOMY AND PHYSIOLOGY 12  
STRENGTH AND CONDITIONING 11/12>>>>FITNESS AND CONDITIONING 11/12  
MICROSOFT 11/12 >>>>COMPUTER INFORMATIONS SYSTEMS 11/12  
ADOBE 11/12>>>>MEDIA DESIGN 11/12  
INDUSTRIAL DESIGN 11/12>>>>ROBOTICS 11/12  
YEARBOOK 11/12>>>>GRAPHIC PRODUCTIONS 11/12  
CARPENTRY AND JOINERY11/12>>>>WOODWORK 11/12  
MARKETING 11>>>>MARKETING AND PROMOTION 11  
ART FOUNDATIONS11/12>>>>ART STUDIO 11/12  
DRAWING AND PAINTING 11/12>>>>STUDIO ARTS 2D 11/12  
CERAMICS AND SCULPTURE 11/12>>>>STUDIO ARTS 3D 11/12  
ACTING 11/12>>>>DRAMA 11/12  
ASTRONOMY 11>>>>SPECIALIZED SCIENCES 12  
PHYSICAL EDUCATION 11/12>>>>ACTIVE LIVING 11/12  
METAL FAB AND MACHINE 11/12>>>>METALWORK 11/12  
A & W MATH 11>>>>WORKPLACE MATH 11  
WRITING 12>>>>CREATIVE WRITING 12  
GEOGRAPHY 12>>>>PHYSICAL GEOGRAPHY 12  
BAKING 12>>>>SPECIALIZED FOODS 12  
MERCHANDISE INNOVATION 12>>>>E COMMERCE 12  
COMPARATIVE CIVILIZATION 12>>>>COMPARATIVE CULTURES 12  
STAGECRAFT 11/12>>>>THEATRE PRODUCTION 11/12  
DIRECTING AND SCRIPT WRITING 11/12>>>>DIRECTING AND SCIRPT DEVELOPMENT  
11/12  
ONSTAGE 11/12>>>>THEATRE COMPANY 10/11/12  
CHEF TRAINING 10-12>>>>>CULINARY ARTS 10-12  
HISTORY 12 >>>> 20<sup>TH</sup> CENTURY WORLD HISTORY 12

**Partnerships are with BCIT, KPU, VCC and JARTS  
(Joint Apprenticeship Refrigeration Training School).**

- 1) Automotive Service Tech (BCIT) at WSS
- 2) Carpentry Level I (KPU) at SRT
- 3) Construction Carpentry (KPU) at GSS
- 4) Culinary Arts (VCC) at SRT
- 5) Plumbing/Pipefitting (KPU) at GSS
- 6) Metal Fabrication (BCIT) at SRT
- 7) Electrician Level I (BCIT) at GSS
- 8) Hairstylist (VCC) at SRT
- 9) Masonry/Bricklaying (KPU) at PMSS
- 10) Refrigeration Mechanic (JARTS)
- 11) Landscape Horticulture (KPU)

***Course requirements for students: Students must pass***

<b><u>GRADE 10</u></b>	<b><u>GRADE 11</u></b>	<b><u>GRADE 12</u></b>
ENGLISH 10 (2 X 2 CREDIT)	ENGLISH 11	ENGLISH 12
SOCIALS 10	SOCIALS 11 or 12	CAREER LIFE CONNECTIONS 12
SCIENCE 10	1 X SCIENCE 11 OR 12	CAPSTONE PROJECT
MATH 10	1 X MATH 11 OR 12	ELECTIVE GR 12
PHYS ED 10	ELECTIVE 10/11/12	ELECTIVE GR 12
CAREER LIFE EXPLORATIONS 10	ELECTIVE 10/11/12	ELECTIVE GR 12
ELECTIVE 10/11/12	ELECTIVE 10/11/12	ELECTIVE GR 11 OR 12
ELECTIVE 10/11/12	ELECTIVE 10/11/12	ELECTIVE GR 11 OR 12
ELECTIVE 10/11/12	ELECTIVE 10/11/12	ELECTIVE GR 11 OR 12
<b>STUDENTS MUST HAVE AT LEAST 4 FINE ARTS OR APPLIED SKILLS CREDITS IN GR 10-12.</b>		
<b>STUDENTS MUST HAVE AT LEAST 16 CREDITS IN GRADE 12 COURSES</b>		

***Provincial Graduation Assessments***

GRADE 10 STUDENTS: LITERACY AND NUMERACY ASSESSMENT

GRADE 12 STUDENTS: LITERACY 12 ASSESSMENT