



# THOMAS HANEY SECONDARY

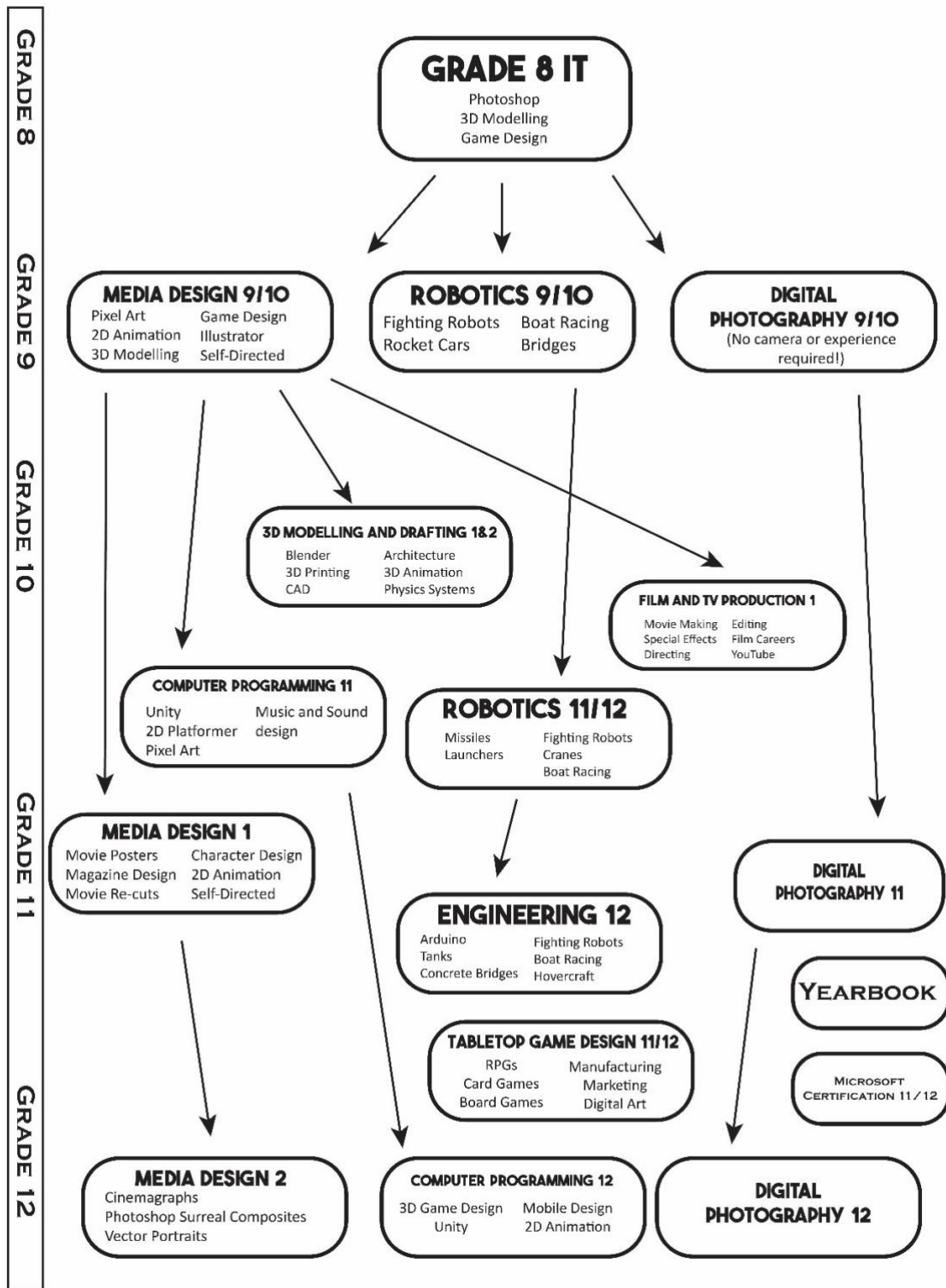
**2025-2026**

## **Course Planning Booklet**

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# TECH LAB COURSES



## ADST

### **MEDIA DESIGN 9/10** – 1 set class per week

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 Aseprite, 3D modelling, Pixel Art, and Video Game Design using the Unity game engine. No experience is necessary for this course, and it is recommended for students from any computer skill level. This class counts as **BOTH** an Applied Skill and a Fine Art.

### **COMPUTER PROGRAMMING 11 (Video Game Design 1)** – 1 set class per week

This is an introductory course in computer programming, requiring no prior experience. Using the Unity game design engine, students will learn the fundamentals of programming as they create their own interactive video games. In addition to learning about the design cycle, advanced programming structures, and how to effectively collaborate and document their work, students will also learn how to create 3D voxel designs for use in their games. They will also learn about user interface design, error handling, and debugging. By the end of the course, students will have a solid foundation in computer programming and the skills needed to continue learning and building their own video games. Media Design 9/10 is **strongly recommended** as a pre-requisite.

### **COMPUTER PROGRAMMING 12 (Video Game Design 2)** – 1 set class per week

This course teaches students the fundamentals of computer programming through the creation of video games using the Unity game design engine. In addition to learning about the design cycle, advanced programming structures, and how to effectively collaborate and document their work, students will also learn how to create and animate their own 2D character sprites for use in their games. They will also learn about user interface design, error handling, and debugging as they create their own interactive video games. By the end of the course, students will have a solid foundation in computer programming and the skills needed to continue learning and building their own video games. Students need to take Computer Programming 11 prior to taking this class.

### **FILM AND TELEVISION PRODUCTION 11 (Production and Directing)** – 1 set class per week

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. Film analysis and film theory also plays a large role in the class. Media Design 9/10 is **strongly recommended** as a pre-requisite.

### **FILM AND TELEVISION PRODUCTION 12 (Production and Directing)** – 1 set class per week

This follow-up class will further explore film theory and more detailed film analysis. Students will go through all stages of production and produce a variety of different short films. This course is highly self-directed. Students need to take FILM AND TELEVISION PRODUCTION 1 (Production and Directing) prior to taking this class.

### **MEDIA DESIGN 11** – 1 set class per week

This course will be project based, where students are asked to design and create posters, art, and 2D animation. 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 12** – 1 set class per week

This class is a self-directed follow-up to Media Design 11. 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, and Vector design in Illustrator are project examples for the year. Students need to take Media Design 11 prior to taking this class.

### **3D MODELLING AND DRAFTING 11** – 1 set class per week.

In 3D Modeling, we will learn fundamental and advanced skills in computer 3D modeling programs. We begin with an introduction to drafting, 3D spaces, and Engineering drawing fundamentals. 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 drafting paper, SketchUp for architectural plans, Blender for advanced modeling, and CAD software for 3D printing. Media Design 9/10 is **strongly recommended** as a pre-requisite.

### **3D MODELLING AND DRAFTING 12** – 1 set class per week.

3D Modelling 2 further extends skills from 3D Modelling and Drafting 11. Assignments will challenge and deepen skills in CAD software, 3D Modelling, and Architecture/Engineering design. 3D Modelling and Drafting 11 is **strongly recommended** as a pre-requisite.

### **COMPUTER INFORMATION SYSTEMS 11/12** – 1 set class per week

We are 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** – 1 set class per week

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.

### **ROBOTICS 11/12** – 1 set class per week

Fusing computer aided design and hands-on skills students will create and compete in a variety of different challenges. Builds may include sumo Robots, boats, rockets, bridges, siege weapons, gliders and more.

**ENGINEERING 12** – 1 set class per week

Engineering 12 is a course that covers a range of topics relevant to engineering projects, including design for the life cycle, measurement techniques, advanced static analysis of structures, materials science, geometric dimensioning and tolerancing, vibrations and seismic analysis, programming languages and applications, quality control methods, physics, robotics, and interpersonal and consultation skills. Through a combination of lessons, and hands-on projects, students will gain a deep understanding of these topics and learn how to apply their knowledge to real-world engineering problems. Hands-on projects may include building and programming sumo bots to compete in a tournament, designing and constructing earthquake-resistant structures, and building hydraulic cranes to lift and move objects. These projects provide an engaging and interactive way for students to learn about engineering concepts and practices, while also developing problem-solving, critical thinking, and teamwork skills. Robotics 10 or Robotics 11/12 is **strongly recommended** as a pre-requisite.

**TABLETOP GAME DESIGN 11/12** – 1 set class per week

In this class we will create playable board, card, and story games. We will work with digital programs such as 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!

**METALWORK 10-12** – 1 set class per week

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

**ART METAL & JEWELLERY 12** – 1 set class per week

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

**WOODWORK 10** – 2 set classes per week

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** – 2 set classes per week

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.

**WOODWORK 12** – 2 set classes per week

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** – 2 set classes per week

This course is open to all grade 11 and 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** – 1 set class per week

This is a basic intro to photography, focusing 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** – 1 set class per week

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** – 1 set class per week

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)** – 1 set class per week

Help leave your mark on the school and play a pivotal role on the creation of the yearbook. Students will be responsible for all the photography and graphic design, working alongside Mr. Dickin.

# **BUSINESS**

## **ENTREPRENEURSHIP and MARKETING 10** – 1 set class per week

This course introduces students to the basics of strategic business decisions. Some of the topics include: branding, target markets, trend spotting, product packaging, redesigning Haney Place mall, entrepreneurship and a collaborative food truck project.

## **MARKETING AND PROMOTION 11** - 1 set class per week

This course can be taken with or without having previously taken Marketing 10. This course explores customer motivators and how businesses can influence customers. Topics include: market research, tourism, advertising, new product development and social media.

## **ENTREPRENEURSHIP 12** – 1 set class per week

Students have 3 options for this course: 1) Work in the Thunder Caf as credit for the course. 2) Start or continue operating their own entrepreneurial venture. 3) Develop a business plan for an entrepreneurial venture and complete an inquiry project on a business topic of their choosing.

## **eCOMMERCE 12** – 1 set class per week

This is an entry level course for students to learn the basics of the stock market. Students will participate in an online stock market simulation where they will have the opportunity to create and grow an investment portfolio. Topics include: the stock market, types of investments, how to invest in the stock market, fluctuations of share price, insider trading and other stock market controversies.

## **ACCOUNTING 11** – 1 set class per week

This is an entry level course for students to learn the basics of accounting and personal finance. The course covers the fundamentals of accounting for a small business. Students will learn the accounting cycle, recording business transactions, how internal controls can prevent fraud and how to prepare financial statements. The personal finance topics include income tax, wages and understanding your own pay cheque.

## **ACCOUNTING 12** – 1 set class per week

This course builds on the skills developed in Accounting 11. Students will continue to expand their knowledge of small business accounting. Topics include adjusting account balances to reflect fair market value, recording sales and the cost of goods sold, sales tax and how to read and understand financial statements for decision making.

## **FINANCIAL ACCOUNTING 12** – 1 set class per week

This course is designed for students looking to pursue post-secondary studies in accounting or finance. The course will build on the skills learned in Accounting 11 & 12. Students interested in taking Financial Accounting 12 at the same time as Accounting 12 should see Ms. Froelich.

## **BUSINESS INDEPENDENT STUDIES 12**

This is a self-directed course for students interested in exploring a business topic of their choice.

# CULINARY, FOODS, TEXTILES & BAKING

## **TEXTILES 9-12** – 2 set classes per week

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.

## **FOODS 9** – 2 set classes per week

In Foods 9 we will review different baking methods such as the muffin and biscuit method by preparing more complex dishes with the skills we learned in the previous year. We will explore how to better honour the dishes we design and prepare from around the world, consider ethical and environmental factors contributing to food choices and will work together to build a food truck concept and host a Food Truck Celebration Day. There will also be mystery box competitions and design challenges your group will participate in. This class will connect with the THSS orchard and will look at seed saving, planting, and harvesting edible plants, and cooking with ingredients harvested right from our own garden (seasonal)! Foods 9 is heavily based on active group participation and consistent attendance is **required**.

## **FOODS 10** – 2 set classes per week

Foods 10 is about gaining more independence and confidence in the kitchen through challenging yourself in your creativity while learning how to use new kitchen tools and techniques. We will learn about appreciating where the dishes we prepare come from and explore a variety of foods and tools from around the world. You will get to participate in mystery box challenges and design challenges where you will have many opportunities to be innovative with the dishes you prepare. This class will also connect with the THSS orchard, and we will learn about seed saving, gardening with edible plants, and cooking with ingredients harvested right from our own garden! This course is heavily based on active group participation and consistent attendance is **required**.

## **FOODS 11/12** – 2 set classes per week

In Foods 11/12 you will be provided opportunities to learn advanced cooking and baking techniques and use a variety of specialized tools in the Foods room. You will have the choice to work self-directed with support from the teacher or you can follow the planned units with the class. We will explore what's trending in food and explore the topics of food justice, Indigenous foods sovereignty as well as create a multi-course meal. We celebrate diversity and inclusion and will work towards how to best show appreciation for the dishes we prepare meanwhile keeping in mind sustainability, ethical and environmental considerations. This course will also connect with the THSS orchard and cover concepts of seed saving, gardening with edible plants, fruit tree guilds and cooking with ingredients harvested right from our own garden! This course is hands-on where consistent attendance and active participation is required.

## **BAKING 10** – 2 set classes per week

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** – 2 set classes per week

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 cooperatively in the preparation of all food sold in the school's café.

### **CULINARY ARTS 9-10** – 2 set classes per week

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** – 2 set classes per week

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** – 2 set classes per week

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** – 2 set classes per week

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** – 1 set class per week

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** – 1 set class per week

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.

## **SPOKEN LANGUAGES 10** – 1 set class per week

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, including 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. In this course, students will continue to build on writing skills and abilities through narrative, expository, descriptive, persuasive, and opinion pieces.

## **CREATIVE WRITING 11** – 1 set class per week

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. Students will continue to build on writing skills, in a variety of genres, such as: narrative, expository, descriptive, persuasive, and opinion pieces. First Peoples texts, worldviews, and Principles of Learning are embedded throughout.

## **ENGLISH FIRST PEOPLES LITERARY STUDIES 11** – 1 set class per week

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. Students will continue to build on writing skills and abilities through narrative, expository, descriptive, persuasive, and opinion pieces.

## **ENGLISH STUDIES 12** – 1 set class per week

This course builds on and extends students' previous learning experiences in the English Language Arts 10 and 11 courses. This course provides students with opportunities to refine skills in critical and creative thinking and continues to encourage students refine their ability to communicate effectively in both the written and spoken form while exploring diverse texts and genres.

**ADDITIONAL ENGLISH ELECTIVE COURSES:**

These courses are additional elective courses. Students **MUST** complete English Studies 12 for graduation.

**CREATIVE WRITING 12** – 1 set class per week

This elective course is designed for students interested in further exploring creative expression. It 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. It will continue to build on writing skills, design processes, and experimental practice, using oral, written, visual, and digital texts. Students will explore different genres while maintaining a focus on literary devices and techniques.

**LITERATURE 12** – 1 set class per week

This course is about analyzing and discussing the greatest storytelling in the English language and will focus 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 contexts.

# VISUAL ARTS

## **VISUAL ART 9** – 2 set classes per week

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** – 1 set class per week

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** – 1 set class per week

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** – 1 set class per week

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 2D 11** – 1 set class per week

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.

## **STUDIO ARTS 3D 11/12** – 1 set class per week

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** – 1 set class per week

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** – 1 set class per week

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 8: GRADE 8 BAND - Y Block and one out-of-timetable block**

Grade 8 band focuses on developing musicianship and skills for ensemble playing while playing music from a variety of sources and styles. Students will develop instrumental techniques, improve sight-reading abilities, and enhance their understanding of music theory. Previous musical experience is recommended.

## **MUSIC 9: INTERMEDIATE BAND - 3 set classes per week**

Grade 9 band continues to grow musicianship skills such as sight-reading, improved instrumental techniques, rhythmic and melodic sight reading, and a deeper understanding of music theory. Open to anyone with previous musical experience.

## **MUSIC CHOIR 8-9 – 2 out-of-timetable classes per week**

The Junior Choir will learn basic vocal technique, such as posture, breath control, pitch matching, music theory, sight singing, unison and part singing, and acappella and accompanied singing, while singing a variety of musical styles. Open to beginner and experienced musicians.

## **INSTRUMENTAL MUSIC: GRADES 10-12 - 3 set classes per week**

Students in senior band will refine playing techniques, focus on artistic interpretation within a piece, grow sight reading abilities, and learn advanced theory concepts through ensemble rehearsal. Previous playing experience on chosen instrument preferred.

## **CHORAL MUSIC SENIOR CHOIR: GRADES 10-12 - 3 set classes per week**

The Senior Choir will refine advanced vocal techniques, including posture, breath control, pitch accuracy, and expression. Singers will explore complex harmonies, music theory, and sight-singing, performing a diverse range of styles both acappella and accompanied. This choir offers a challenging and rewarding musical experience.

## PERFORMING ARTS

### **DRAMA 9** – 2 set classes per week

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), 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** – 2 set classes per week

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 student's theatrical experience as performer, spectator, and critic. Students will work with scripted material, employ improvisation, and explore mime, and theatre games as well as learn stage combat. 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 individually, in ensemble, trios, and pairs. 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)** – 2 set classes per week

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)** – 2 set classes per week

This advanced course in acting will give students opportunities to develop characters, create and present both improvisational and scripted work as well as expand and reinforce the skills emphasized in Drama 11. 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 Performance 12: Directing & Script Development)**

This course is for the committed theatre student who has already taken several 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 drafts, take criticism well, and be critical of written and performed work. Directing students are expected to direct other Drama students.

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

This course is an independent study course offered during the Musical Theatre block or as an out of timetable course. Members of Theatre Production must be involved in the pre-production, production and post-production of the school's musical production.

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 precisely follow instructions and work outside of school hours. Students in Theatre Production are given great responsibility and are expected to develop and demonstrate outstanding leadership abilities.

### **THEATRE COMPANY** – This course is offered outside of the timetable

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 offered outside of the timetable on Monday afternoon/evening. 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. To be successful in this course, all students are required for Tech Week, Production Week and Post-Production.

### **DRAMA FILM AND TELEVISION 11/12 (Acting For The Camera)** – 1 set class per week

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** – 3 set classes per week

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. Students taking this course are expected to perform in the school's yearly musical.

### **MUSICAL THEATRE 11/12** – 3 set classes per week

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. Students taking this course are expected to perform in the school's yearly musical.

# DANCE

## **DANCE 9-12** – 2 set classes per week

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 regularly attend, 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)** – 2 set classes per week

Choreography 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 during open blocks and after school.



# LANGUAGES

## **INTRODUCTORY JAPANESE 11** – 1 set class per week

Prerequisite: None

The successful completion of Introductory Japanese 11 will provide students with a level of competence necessary for the successful completion of Japanese 11. Students will learn the hiragana and katakana syllabary in addition to basic vocabulary and grammar necessary for daily communication. Students will also be introduced to simple authentic documents and cultural activities.

## **JAPANESE 11** – 1 set class per week

Prerequisite: Introductory Japanese 11 or equivalent recommended. Students will exchange information on familiar topics using hiragana, katakana, and some kanji. The course is a natural extension of introductory Japanese 11 and provides a good foundation for future Japanese studies. More complex grammatical structures will be introduced including structures usual for travel to Japan. Students will be exposed to simple authentic documents and various cultural activities.

## **FRENCH 9** – 2 set classes per week

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. This course is a pre-requisite for French 10.

## **FRENCH 10** – 1 set class per week

This course is a continuation of skills learned in French 9. 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** – 1 set class per week

This course is a continuation of skills learning in French 10. Some themes include memories, impressionist art, Francophone Africa. 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** – 1 set class per week

This course is a continuation of skills learned in French 11. Some themes include Petit Prince-novel study, la France, film/TV. 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** – 2 set classes per week

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. This course is a pre-requisite for Spanish 10.

**SPANISH 10** – 1 set class per week

You must have taken Spanish 9 to take this course. Cultural, written, spoken, and listening activities will be interspersed throughout this course. Topics will include daily life, culture, music, legends and more. This course is a pre-requisite to Spanish 11.

**SPANISH 11** – 1 set class per week

This course is continuation of Spanish 10 or Beginner's Spanish 11. Topics covered include 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** – 1 set class per week

This course is designed for students wanting to develop a deeper understanding of the Spanish language. Topics covered: our high school experiences, my community, pop culture and stories. There is an emphasis on oral communication: the use of Spanish in authentic contexts and spontaneous conversations.

**INTRO TO SPANISH 11** – 1 set class per week

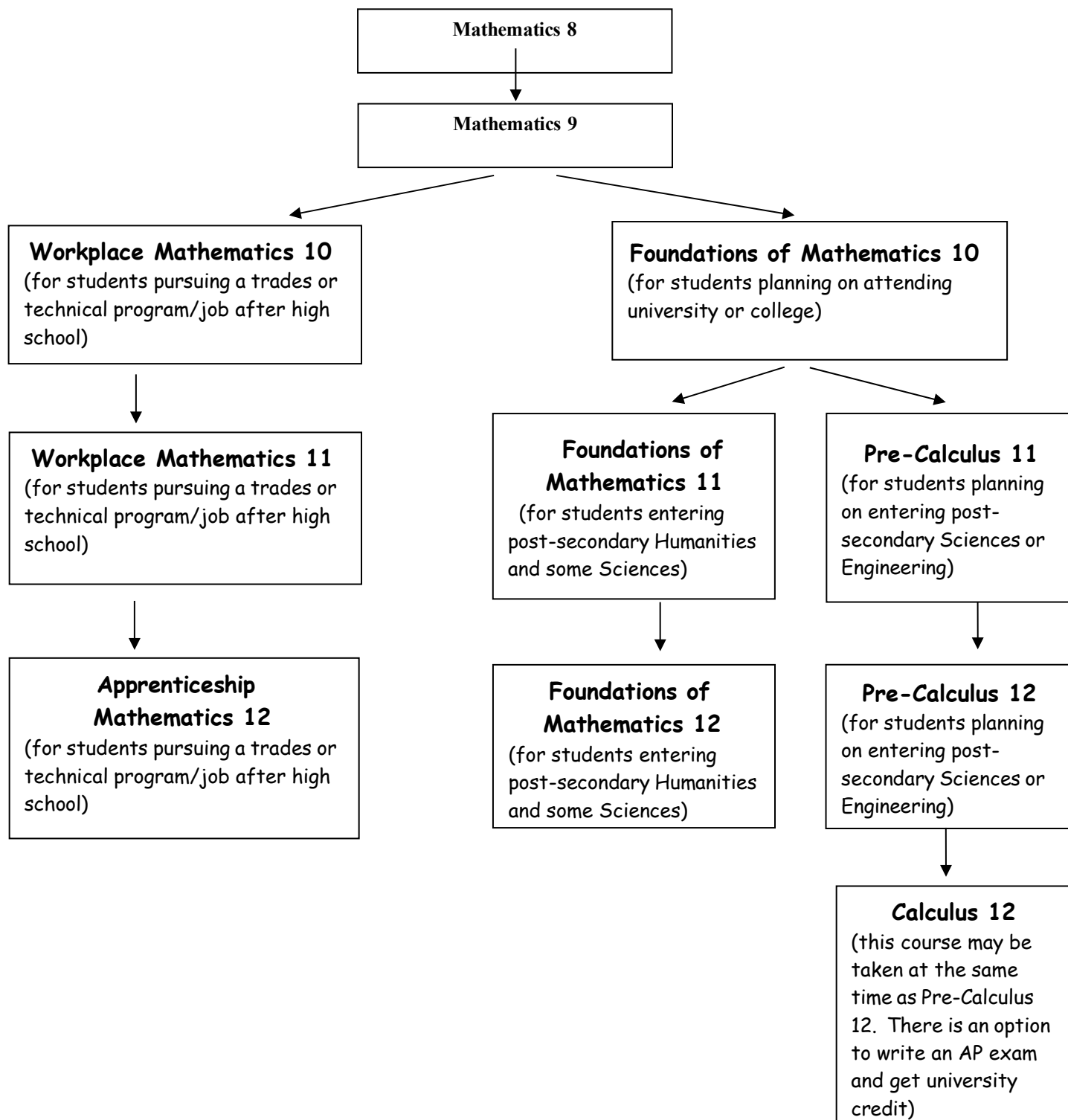
This course is a combination of Spanish 9 & 10. Topics include the basics to begin communicating, daily life, family, and cultural topics. This course is designed for students who have never taken Spanish and who are in grade 10/11. Successful completion of this course permits students to take Spanish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

**LANGUAGE FOR TRAVEL 12** – 1 set class per week

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. **This course gives you 4 credits towards graduation but cannot be used as your grade 12 language credit for university.**

# MATHEMATICS

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



## PHYSICAL EDUCATION

### **PE 11 (Active Living 11)**– 3 set classes per week

Students will participate in a wide variety of activities based within the school and possibly the community. School-based activities include fitness, dance and various team and individual sports.

### **PE 12 (Active Living 12)** – 3 set classes per week

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

### **FITNESS & CONDITIONING 11** – 3 set classes per week

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

### **FITNESS & CONDITIONING 12** – 3 set classes per week

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)** – 1 set class per week

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, supporting our school's sports teams, and organizing sports-related events.

### **YOGA 10-12** – 3 set classes per week

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 three times per week. 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. Please get permission from a THSS PE teacher before you sign-up.

# 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 as not all courses are accepted for all programs.

## **LIFE SCIENCE 11** – 1 set class per week

This 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.

## **ANATOMY & PHYSIOLOGY 12** – 1 set class per week

Are you fascinated by how the human body works? Curious about what makes us breathe, think, and move? Whether you're dreaming of a career in nursing, medicine, biology or health sciences, or simply want to dive into the incredible mechanics of the human body, this course is your gateway to discovery! Explore the essential functions of the body's major systems—from respiration and circulation to the intricacies of the brain and nervous system. Dive deeper with optional dissections, where you can experience the anatomy firsthand and bring your learning to life in a truly memorable way.

This course is more than just an introduction—it's a step into a world of discovery, a chance to develop a deeper appreciation for how we're built, and a solid foundation for future studies and careers in the biological sciences. Unlock the secrets of the human body with Anatomy & Physiology 12!

## **PHYSICS 11/12** – 1 set class per week

This 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** – 1 set class per week

Step into the world of atoms, molecules, and reactions with Chemistry 11/12! Whether you're aiming for a future in science, engineering, medicine, or just want to keep your post-secondary options wide open, this course is your foundation for success. Learn how chemistry shapes the world around us while mastering key skills in stoichiometry, balancing chemical equations, and applying mathematical principles like fractions and algebra to solve real-world problems. Chemistry isn't just a subject - it's a gateway to understanding the building blocks of everything!

Are you curious about how chemical reactions power our world? Want to develop the critical thinking skills needed for careers in cutting-edge fields? Ready to challenge yourself and prepare for the future? This course is your launchpad for innovation, discovery, and unlimited possibilities. Don't just study chemistry—experience it! Sign up for Chemistry 11/12 and ignite your potential!

### **SCIENCE FOR CITIZENS 11** – 1 set class per week

Get ready to embark on a fascinating journey into the science that shapes our everyday lives! This course dives into captivating topics like survival strategies, natural disasters, home automation, waste management, forensics, extreme weather, energy generation, nutrition and more. Here's the exciting part: this is a project-based course, which means you get to choose the topics that spark your curiosity for each learning guide. In class, you'll engage with thought-provoking videos and clips, join dynamic discussions, and participate in hands-on activities and fun, exciting competitions designed to bring science to life.

Do you want to become better prepared for a disaster? Are you curious about how automation will transform the future? Would you like to explore innovative ways to protect wildlife while keeping communities safe? If any of these questions excite you, then Science for Citizens 11 is your perfect match! This isn't just a class - it's an opportunity to build skills, solve real-world problems, and ignite your passion for making a difference, while gaining your Science 11 credit. Join us and let's shape the future together!

### **EARTH SCIENCE 11** – 1 set class per week

Are you fascinated by natural objects like glaciers and crystals or awestruck by scenic landscapes ranging from deserts to swamps? This course focuses on solving the mysteries surrounding Earth's history and destiny. Earth Science 11 offers you an opportunity to explore the many aspects of our physical world and how we interact within it. Geologic topics include the formation of rocks and minerals, plate tectonics and mountain building, volcanism and earthquakes weathering and erosion, and the geologic time scale. Climate, ocean and weather systems, as well as the Solar system, stars and galaxies are also explored. The goal of this course is to expose you to various current topics of Earth Science. This will be done through in-class instruction, on-line research, and practical experiences.

### **ENVIRONMENTAL SCIENCE 11/12** – 1 set class per week

This is a student-directed/teacher mentored course. Class time will focus on current global event discussions and individual project presentations. **Environment 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. These courses are assessed on class interactions and individual projects.

### **GEOLOGY 12** – 1 set class per week

Geology 12 explores and expands on materials, processes, and the history of our planet, including the history of life on Earth through the fossil record. Topics include minerals, igneous rock, volcanoes, surface processes, sedimentary rock, geologic time and fossils, plate tectonics, glaciers, earthquakes, earth's interior, folds and faults, and metamorphic rocks. This leads to understanding Western Canada's geology and its natural resources. Class time will focus on current global event discussions and individual learning guide expectations assessed through one-on-one interviews.

### **SPECIALIZED SCIENCES 12** – 1 set class per week

This is ideal for a motivated, self-directed student. This course 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 might include: astronomy, sustainability, global climate change, green energy/living etc. See Ms. Hall for more details. Class time will focus on current global event discussions and individual project presentations.

## **SOCIAL STUDIES**

### **SOCIAL STUDIES 10 (Community and Outdoor Focus) – 1 set class per week**

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) – 1 set class per week**

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 every day.

### **OUTDOOR EDUCATION 12 – 1 set class per week**

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 11 – LAW12/HUMAN GEOGRAPHY 12/ENGLISH FIRST PEOPLES 11**

Connections 11 is a cross-curricular program that pods together Law 12, Human Geography 12, and English First Peoples 11. 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 – 1 set class per week**

Through an Indigenous lens, students will gain a stronger understanding of the diversity and richness of First Peoples in B.C. while gaining insight into the impact of colonialism on local populations. Through this course, students will participate in outdoor and land-based learning activities, and connect with local communities to develop a more profound comprehension of Indigenous worldviews and languages. This course is designed to provide students with a comprehensive understanding of the diverse cultures, languages, and perspectives of the First Nations, Metis, and Inuit communities in B.C. Emphasizing the resilience, wisdom, and contributions of First Peoples, this course examines topics such as traditional governance structures, cultural practices, and the importance of First Peoples' contributions.

**ECONOMIC THEORY 12** - 1 set class per week

Politicians, business leaders, the media and many in the public talk about “the economy”. But what does it mean? Economics is about the decisions human beings make. Not what people say but what they do. Yes, this course will explore Economic theories, but it will be more about “real world” applications and examples. How are your favourite products created? What does Economics have to say about climate change? Medical care? Do people make rational decisions? Are we guided by incentives (hint- yes but it is not the whole story)? This course is for anyone who wants to better understand the world and improve their own decision making,

**COMPARATIVE CULTURES 12** – 1 set class per week

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.

**HUMAN GEOGRAPHY 12** – 1 set class per week

Human Geography is a course that examines the ways in which humans interact with and shape the earth's environment. In many ways, this is a “current events” course. We examine and explore everything from environmental issues to international sports, and the complex relationships behind these global events. Students will learn about demographic patterns of growth, decline, and movement, and the relationships between cultural traits, use of physical space, and environmental impacts. From the military conflict in Europe, indigenous rights, to addressing the growth of megacities, this course provides an excellent foundation for those attending post-secondary education - college or university.

**LAW STUDIES 12** – 1 set class per week

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. Students interested in pursuing careers in social work, policing, and corrections have found this course to be of value. Class discussion topics range from speeding ticket issuance to the complexities of addressing organized crime. Practical topics such as contract law and small claims court are also discussed.

**URBAN STUDIES 12** – 1 set class per week

Seventy percent of the world's population will be living in cities within the next 30 years. Traffic planning, architecture, food supply, crime, real estate prices, and population growth are becoming increasingly crucial areas of study. City planning is essential as our urban populations face unprecedented challenges. This is a rapidly expanding field offered by many post-secondary institutions, as cities seek to employ those who understand the complexities of growing urban areas. SFU, UBC, and the University of Toronto all offer Urban Studies programs. From redesigning schools and shopping malls to analyzing how transportation networks function, this course pairs well with Economic Theory 12, but is also of interest to those who would enjoy designing a better park. There is an optional field trip component to this course.



**PHYSICAL GEOGRAPHY 12** - 1 set class per week

Understanding the physical environment is critical to our social and economic well-being. Major earthquakes and other tectonic events significantly impact how we live. In this course, students will develop skills in weather prediction and earthquake survival. Disaster management is a growing area of study. There is an optional field trip component as chosen by the class. This year the students chose Banff/Revelstoke as a potential destination for field study. Physical Geography is offered at all colleges and universities as a major or minor and is widely accepted for university entrance.

**20TH CENTURY WORLD HISTORY 12** - 1 set class per week

As Billy Joel sings, “We didn’t start the fire, it’s been always burning since the world’s been turning.” We are often told we are living in a time of unprecedented change, but the 20th Century saw some of the greatest transformations in history: new technologies, world wars, ideological conflicts and social movements. This course explores key events of the 20th Century and looks at the origin of many of today’s most important global issues. All this plus this course helps you prepare for post-secondary education.

**PHILOSOPHY 12** – 1 set class per week

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** – 1 set class per week

Come with an open mind – this course may not be what you think it is. We use law, history and theory to help you understand and engage with a number of complex social issues in our world today, including human rights, war, genocide, identity and the environment. If you’re looking for frameworks to make sense of our world or want to pursue further study in the social sciences, this course is for you!

## OTHER

### **LEADERSHIP 10-12** – 1 set class per week

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.

### **PSYCHOLOGY 11** – 1 set class per week

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** – 1 set class per week

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.

### **WORK EXPERIENCE 12** – This course is offered outside of the timetable.

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** – This course is offered outside of the timetable.

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 is offered outside of the timetable.

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.

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

Automotive Service Tech (BCIT) at WSS

Carpentry Level I (KPU) at SRT

Construction Carpentry (KPU) at GSS

Culinary Arts (VCC) at SRT

Plumbing/Pipefitting (KPU) at GSS

Metal Fabrication (BCIT) at SRT

Electrician Level I (BCIT) at GSS

Hairstylist (VCC) at SRT

Masonry/Bricklaying (KPU) at PMSS

Refrigeration Mechanic (JARTS)

Landscape Horticulture (KPU)

## **EQUESTRIAN STUDIES 10, 11, 12 AND IDS 12 OVERVIEW**

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. Off campus lessons are held monthly at local facilities and there will be guest speakers and field trips throughout the year. Courses may be taken individually and if all four courses are completed, students will receive a certificate in Equestrian Studies.

### **EQUINE STUDIES 10 – 2 set classes per week**

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 – 2 set classes per week**

The second-year course includes feeding and nutrition, bit types, saddle fitting, clipping, 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 – 2 set classes per week**

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 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.

**GRADE 10 ELECTIVES:**

Media Design 10 Electronics & Robotics 10  
 Metal 10  
 Wood 10  
 Photography 10  
 Marketing 10  
 Textiles 10  
 Foods 10  
 Baking 10  
 Culinary 10  
 Art Studio 10  
 Studio Arts 3D 10  
 Band 10  
 Choir 10  
 Guitar 10  
 Drama 10  
 Theatre Stagecraft 10  
 Theatre Company 10  
 Musical Theatre 10  
 Dance 10  
 French 10  
 Spanish 10  
 Leadership 10  
 Equine Studies 10  
 Yoga 10

**GRADE 11 ELECTIVES:**

Computer Programming 11  
 Film & Television Prod. 11  
 Media Design 11  
 3D Modeling & Drafting 11  
 Computer Info Systems 11  
 Electronics & Robotics 11  
 Tabletop Game Design 11  
 Metal 11  
 Wood 11  
 Photography 11  
 Graphic Production 11  
 Marketing 11  
 Accounting 11  
 Textiles 11  
 Foods 11  
 Baking 11  
 Culinary 11  
 Art Studio 11  
 Studio Arts 2D 11  
 Studio Arts 3D 11  
 Band 11  
 Choir 11  
 Guitar 11  
 Drama 11  
 Directing & Script 11  
 Theatre Stagecraft 11  
 Theatre Company 11  
 Drama Film & TV 11  
 Musical Theatre 11  
 Dance 11  
 Dance Composition 11  
 Intro Japanese 11  
 Japanese 11  
 French 11  
 Intro Spanish 11  
 Spanish 11  
 PE 11  
 PE 11 Lifestyles  
 Fitness & Conditioning 11  
 Athletic Leadership 11  
 Yoga 11  
 Leadership 11  
 Psychology 11  
 Equine Studies 11  
 Student Aide 11

**GRADE 12 ELECTIVES:**

Computer Programming 12  
 Film & Television Prod. 12  
 Media Design 12  
 3D Modelling & Drafting 12  
 Computer Info Systems 12  
 Electronics & Robotics 12  
 Tabletop Game Design 12  
 Engineering 12  
 Metal 12  
 Wood 12  
 Furniture & Cabinetry 12  
 Photo 12  
 Graphic Production 12  
 Entrepreneurship 12  
 eCommerce 12  
 Accounting 12  
 Financial Accounting 12  
 Ind. Business Studies 12  
 Textiles 12  
 Foods 12  
 Baking 12  
 Culinary 12  
 Art Studio 12  
 Studio Arts 2D 12  
 Studio Arts 3D 12  
 Band 12  
 Choir 12  
 Guitar 12  
 Drama 12  
 Directing & Script 12  
 Theatre Stagecraft 12  
 Theatre Company 12  
 Drama Film & TV 12  
 Musical Theatre 12  
 Dance 12  
 Dance Composition 12  
 French 12  
 Spanish 12  
 Languages for Travel 12  
 PE 12  
 PE 12 Lifestyles  
 Fitness & Conditioning 12  
 Athletic Leadership 12  
 Yoga 12  
 Outdoor Education 12  
 Leadership 12  
 Psychology 12  
 Equine Studies 12  
 Equine IDS 12  
 Work Experience 12  
 Student Aide 12  
 Community Service 12