

John Oliver Secondary School

530 E. 41st Avenue

Vancouver, BC V5W 1P3 Phone:

604-713-8938

Fax: 604-713-8937

Web: <http://jo-online.vsb.bc.ca>



2019-2020 COURSE PLANNING HANDBOOK

TABLE OF CONTENTS

APPLIED DESIGN, SKILL, AND TECHNOLOGIES

Business Education.....	1
Home Economics	
Textiles.....	2
Foods.....	2
Child Development & Caregiving.....	2
Technology Education	
Power Mechanics.....	3
Drafting.....	4
Electronics.....	5
Metalwork.....	5
Technology Explorations.....	6
Woodwork.....	6
Automotive.....	7
Skills Exploration.....	8
STEM.....	9
Arts Education.....	10
Dance.....	10
Digital Arts.....	10
Music.....	12
Theatre.....	14
Visual Arts.....	15

CAREER EDUCATION.....	17
ENGLISH LANGUAGE ARTS.....	18
ENGLISH LANGUAGE LEARNING (ELL).....	22
LANGUAGES.....	23
MATHEMATICS.....	25
PHYSICAL AND HEALTH EDUCATION.....	29
SCIENCE.....	32
SOCIAL STUDIES.....	35

DISTRICT PROGRAMS

J.J. Digital Immersion Mini School.....	39
Student Services.....	41
Library Services.....	42
Adult Education.....	43
Vancouver Learning Network.....	44
Career Programs.....	45

APPLIED DESIGN, SKILLS, AND TECHNOLOGIES

BUSINESS EDUCATION

ENTREPRENEURSHIP 12 (MTNT-12)

If you identify yourselves as social entrepreneurs, are interested in making money, and helping out the world around you, by running your own Values- Driven business, this is the course for you. Students work individually and in teams to plan and analyze a variety of socially aware businesses. Business simulations are used to provide realistic exposure and insight to effective decision-making and proper teamwork. Entrepreneurship students learn how to explore opportunities and how to distinguish between business ideas and real opportunities.

MARKETING AND PROMOTION 11 (MMAP-11)

Marketing and promotion students learn and apply business concepts and practices related to the development of products and services. Course emphasis is on How to Build a Values-Driven Business. Projects that reflect current business practices are used to stimulate interest in business opportunities. This is an excellent choice for students who are considering a career in the business world and value social justice. If you are interested in a career in advertising, promotions, public relations, or business ownership, Marketing and Promotion 11 is a wise choice.

HOME ECONOMICS

TEXTILES 9 (MTXT-9)

Develop your sewing skills while learning about fabrics, patterns and design. You will learn about natural and manufactured fibers, including the uses and care of the various types of fibers including in First Peoples cultures. You will learn how to make alterations to the patterns while you make projects. You will apply the elements of design to your projects. Costs of projects will depend on the fabrics you purchase for your projects.

TEXTILES 10 (MTXT-10)

You will focus on the basics of clothing construction from fiber selection to garment choices. You will learn to use the hand and machine construction techniques. Altering clothing patterns prior to construction, repairing and upcycling of textile items will be covered. You will use the principles of design while creating your projects. An exploration of the factors that influence textile choices will be explored. Costs of projects will depend on the fabrics you purchase for your projects.

TEXTILES 11 (MTXT-11)

Learn about the properties of fabrics, pattern alterations, and the repurposing of textile items. Explore the elements and principles of design as you complete several projects. You will evaluate finished textile items based on their design, construction, cost and function. A supplemental fee will be collected; further costs will depend on the fabrics you purchase for some projects.

TEXTILES 12 (MTXT-12)

Examine the relationship between textiles, patterns, and garment use. Learn about the creation of textile items, including design, garment construction and fabric manipulation. A supplemental fee will be collected; further costs will depend on the fabrics you purchase for some projects.

FOODS 9 (MFOOD9)

Learn about the food you eat by examining the components that make up each food product. You will study food safety, use and adaptations of ingredients, and First Peoples foods. Food preparation will involve a variety of techniques and equipment. Examples may include: Breakfast foods, wraps, pasta, lasagna, pizza, hamburgers, and a variety of sweet baked goods. Factors affecting availability and choice of food. A supplemental fee will be collected.

FOODS 10 (MFOOD10)

Learn about safe food preparation, meal planning, nutrition and healthy food choices while you prepare and sample a variety of foods. We will explore how food choices are influenced by food trends, marketing and food systems. A supplemental fee will be collected.

FOODS STUDIES 11 (MFOOD11)

While cooking a variety of foods you will examine the components of a recipe, function of ingredients, and food preparation methods. You will examine the roles, responsibilities and regulations of Canadian agencies involved in the food industry. Food safety and nutrition will be integrated throughout the course. A supplemental fee will be collected.

FOODS STUDIES 12 (MFOOD12)

This class will advance the food preparation techniques you already have, while foods are examined and made. You will practice meal planning with particular attention to timing, equipment, ingredients and methods of food preparation. You will explore a variety of food issues, nutrition, and health claims. A supplemental fee will be collected.

CULINARY ARTS 10 (MCUL-10)

This introductory cafeteria course provides students with a learning situation comparable to a professional quantity food service kitchen. In this active participation class, students will learn basic restaurant skills in safety and sanitation, food preparation, operation and maintenance of industrial equipment, and customer service. Students will receive Foodsafe Level I certification.

CULINARY ARTS 11 (MCUL-11)

Students will learn the best practices in a commercial kitchen setting while preparing diverse foods for service in the cafeteria. Students will build their knowledge of industrial equipment use, menu planning and food presentation. Food safety, ingredients, cooking methods, dietary restrictions and food allergies will be explored. Discussion topics will include B.C. agricultural practices, commercial waste management and recycling. If students are not certified already, they will receive Foodsafe Level 1 certification.

CULINARY ARTS 12 (MCUL-12)

Students will learn about menu design, including adjusting recipes for size, ratio of ingredients, recipe costing, and substitutions to facilitate dietary restrictions and food allergies. Student will prepare diverse cuisine using professional cooking equipment and methods (including ethnic, multicultural, and First Peoples foods). Discussion topics will include food trends, and career opportunities in the culinary arts industry. Students who need Foodsafe Level 1 will receive certification.

CHILD DEVELOPMENT AND CAREGIVING 12 (CDAC12)

You will study physical social, emotional and cognitive stages of development from conception to age twelve. You will explore what it is like to care for children in today society. You will learn about conception, pregnancy, and childbirth before studying theories of child development

TECHNOLOGY EDUCATION

POWER TECHNOLOGY 9 (MADPT09)

This course provides the basic knowledge of the development and transmission of power and energy as applied to common mechanical devices. Two- and four-cycle engines are used to demonstrate operation and maintenance concepts. Students will also be involved in transportation problem solving activities and projects associated with a variety of energy and power studies. The effects of energy and power choice will be examined to allow students to see the impact on society, natural resources and environment.

POWER TECHNOLOGY 10 (MTPOW10)

This course has been designed to give students exposure to today's technology. Students will gain an awareness of various transportation and power systems. Machines and tools will be used to build the projects in the course. Students will learn through projects in the following areas:

Internal combustion engines

Air rockets

Scale-model dragster construction

Catapults

Magnetic Lev Vehicle

Wind turbine and electricity generation

Marshmallow Shooter

DRAFTING 9 (MADD09)

Students will be introduced to the exciting world of 2D and 3D graphic communication using a design-oriented approach. This course covers basic drafting principles and techniques, including orthographic projections, isometric drawings, pictorial drawings, and dimensioning, plus 3D modelling. These skills will allow students to communicate ideas and designs, and solve real-world problems. Assignments may be completed using technical sketching techniques, AutoCAD & Inventor programs, and 3D printing.

DRAFTING 10 (MTDRF10)

Drafting 10 course content will provide the student with an opportunity to explore the fundamentals of computer drafting using the AutoCAD 2010 drafting/design program. Students will create the following types of drawings: Single and two-view development, orthographic projections and a basic landscape park plan. The course will allow students with a snapshot of potential course offerings in grade eleven and twelve. Students with an interest in design, architecture and engineering should strongly consider this course.

DRAFTING 11 (MTDRF11)

This course in drafting is entirely computer based. The program covers pictorials, isometrics, orthographic projections, section views, auxiliary views and working drawings. 3D modelling and rendering are introduced using AutoCAD 2010 design software. This course would be invaluable to students considering engineering programs, architecture or building design and traditional trades at post-secondary institutions.

DRAFTING 12 (MTDRF12)

This course offers advanced drafting studies in mechanical drafting. Students use advanced solid modelling techniques. Solid models are converted to 2D orthographic projections. As Computer Numerical Controlled machining requires solid models. Solid modelling is the wave of the future for mechanical drafting. All parts manufacturing from automobiles to vacuum cleaners are made from solid model drawings. AutoCAD 2010 & Inventor drafting/design software are the computer programs that will be used for the course.

ELECTRONICS AND ROBOTICS 9 (MADER09)

The electronics component is an introductory course that will teach students to recognize and know the function of basic electronic components and to use electronic test equipment such as digital multimeters and power supplies. Students will be introduced to reading and producing schematic diagrams. They will develop an understanding of basic circuit trouble-shooting. Prototyping of circuits and project work are a key component of this course. Students will learn how to construct printed circuit boards, learn how to solder, and build circuit enclosures (cases). These are all important skills that transfer over to the robotics component, where students will have the opportunity to design, build, code, and program competition robots.

ELECTRONICS AND ROBOTICS 10 (MTEAR10)

This is a basic electronics course designed for people who have had little or no electronics. The areas covered are safety, semiconductors, discrete components and integrated circuits. A certain amount of theory will be given such as Ohm's law. Projects such as board games, strobe lights, sirens, etc. are built. It is highly recommended that students take this course before taking electronics 11. A small supplemental fee will be charged.

ELECTRONICS 11 (MTELE11)

The topics covered will be safety, series and parallel circuits, bread boarding, resistor colour codes, capacitor identification, electronic symbols, drawing conventions, semiconductors and integrated circuits. A certain amount of theory will be given on the items just mentioned. Students will also have the opportunity to design circuits on the computer. The projects built in the course will vary, e.g. burglar alarm, power supply, logic probe, continuity tester, tree etc. Students may be allowed to build grade 12 projects depending on their ability and knowledge. It is highly recommended that students take electronics 10 before entering electronics 11. A supplemental fee will be charged.

ELECTRONICS 12 (MTELE12)

The areas covered will be safety, bread boarding, certain gate functions and simple analog topics. Students will also have the opportunity to design circuits on the computer. The projects that are built in this course will vary, e.g. digital dice, roulette wheel, counters, etc. The students may be allowed to build projects found in the grade 12 analog and digital courses depending upon their ability and knowledge. This course is intended for people who have completed electronics 11. A supplemental fee will be charged.

METALWORK 9 (MADM-09)

Metal 9 is designed to provide the student with a general education in the theory and associated skills related to the various components of metal fabrication. There will be a large safety component, theory, and time available for projects which provide skill development. This course also contains a component of Art Metal & Jewelry Making; designed to teach students a wide variety of skills blending theory and practice together in the form of projects such as rings, candle-holders, and various sheet metal projects.

METALWORK 10 (MTMET10)

This is an introductory course for students interested in decorative metal work, jewellery and basic metalwork procedures. Emphasis will be placed on skill acquisition. This course will introduce students to the design and fundamental techniques used in producing a variety of functional or expressive projects, including: constructed jewellery pieces (chains, broaches, pendants and rings), sculptures, and mobiles. Skills mastered include silver soldering, bench work, polishing, and machining. Hand-working skills will be stressed. Students will be required to design their own projects. A small supplemental fee applies to this course.

METALWORK 11 (MTMET11)

Metal Fabrication 11 will introduce the basic materials, tools, techniques and terminology used in metal technology. Many processes will be utilized, including: silver and aluminum casting, polishing, welding, brazing, machining and finishing. Projects will include the making of tools, candle holders, belt buckles, cannons, and rings. Students will be required to design their own projects or they may choose to make projects modelled after existing designs. A small supplemental fee applies to this course.

METALWORK 12 (MTMET12)

This advanced Metalworking course will encourage students to attempt projects that are practical and challenging. Emphasis is placed on accuracy in the use of all the shop machines and the development of craftsmanship to produce well-finished projects. Processes that can be mastered include welding, machining, casting, art metal, and jewellery. Students will design their own major project, required for course credit. A small supplemental fee applies to this course.

TECHNOLOGY EXPLORATIONS 9 (MADGE09)

This course is designed for the inquisitive student. Materials and processes will be explored. This course will feature a hands on applied science method of learning. Students will build practical solutions to real world challenges. Projects will include bridges, mag-lev, solar energy, rocketry, and robotics. A small supplemental fee applies to this course.

WOODWORK 9 (MADW09)

Carving/Pen Turning/Machine use

This course will allow students the opportunity to complete a variety of small projects while learning to safely use more machines and hand tools. Projects will include 'Pen Turning' on the lathe, Wood carving a small speaker amplifier, building a serving tray and customizing it using our state of the art 'Laser cutter'. Skill development in this course will lead to the opportunity in higher grades for student to select and build their own personal projects. A small fee applies to this course.

WOODWORK 10 (MWWK10)

This is an introductory course for students interested in woodworking. Emphasis will be placed on the safe use of hand and power tools. A variety of appealing projects will be constructed to familiarize and strengthen students' abilities. Examples of projects are folding locker chair, tables and jewelry boxes. A small supplemental fee applies to this course.

WOODWORK 11 (MWWK-11)

An introductory woodwork course which stresses good design and craftsmanship in traditional and modern wood fabrication. This course stresses safe operation of hand and machine tools. Examples of student designated and completed projects are computer desks, speaker boxes, poker tables and entertainment centers. Students in grade 10 who have completed Woodwork 10 may take this course with the permission of the instructor. A supplemental fee applies to this course.

WOODWORK 12 (MWWK-12)

This course offers practical hands-on training in wood products technology and fabrication. Using a wider range of materials, machines and processes, students will continue to design and build their own projects. Examples of student projects are pool tables, air hockey games and baseball bats. A supplemental fee applies to this course.

AUTOMOTIVE TECHNOLOGIES 11 (MTAUT11)

Auto Mechanics 11 is an introductory course providing students with a general overview of today's automobile. As a future car owner and driver, this course will teach students the foundations of car maintenance and repair. Students will learn both the theory and practical aspects of the following:

- Automotive tools
- Preventative maintenance
- Cooling and lubrication systems
- Brake
- Stereo and electronic theory
- Engine design
- Steering and suspension

AUTOMOTIVE TECHNOLOGY 12 (MTAUT--12)

A hands-on course utilizing and expanding on the knowledge gained in Automotive Technology 11. Emphasis will be placed on skills needed to develop competence in quick repairs as undertaken at a professional repair facility. Repairs such as exhaust system replacement, suspension overhaul, ignition system tune-up, and brake system service will be stressed.

ENGINE AND DRIVE TRAIN 12 (MTEAD-12)

Engine and Drive Train

This course is as useful to the academic as well as to the trades oriented student. Emphasis is on actual work on card with one-third time spend reviewing tune-up, maintenance work, studying brakes and alignment, transmissions, drive lines, starters and generators as well as some advanced study of emission devices. An extra degree of ability, motivation, and desire to study are necessary to successfully complete this course. Equipment is available to teach the diagnostic analysis of late model North American vehicles with built-in computers.

SKILLS EXPLORATION 11 (MSTX-1A)

Skills Exploration 11 is an engaging program in which students use hands-on learning to acquire skills and knowledge in Carpentry, Electrical, and Plumbing. Projects will be practical and will involve making, creating, and problem-solving. Students who are hands-on learners and who are open to the idea of furthering their understanding of trades should take this course. Skills Exploration will give students a better understanding of what's involved in these specific trades. If the idea of applying for an ACE IT program for your grade 12 year is on your radar, then this course is definitely for you. Prepare to be inspired, get excited, and learn with like-minded students

STEM

(Science Technology Engineering & Math)

STEM 9 is for students who are interested in the engineering and/or combining hands on learning with their science and math courses. STEM is an all-day program where students gain credit for Science 9, Math 9, Electronics and Robotics 9, and Power Technology 9. Projects include but are not limited to: Rockets, CO2 dragsters, Robots, Toothpick bridges, and much more.

STEM 10 (science, technology, engineering and math) is a four-course program (Math 10, Science 10, Technology Explorations 10 and CLE10). Each year is a new cohort and students may or may not have taken STEM 9. Project based learning incorporates the 4 courses into a hands-on-learning approach crossing the 4 discipline areas. Projects during the year may include robotics, programming, metal and wood fabrication. Students will volunteer or work in their area of interest.

STEM 11/12 is a two course program (Robotics 12, Electronics 12). Each year is a new cohort and students may or may not have taken STEM I a previous year. Project based learning incorporates the two courses into a hands-on learning approach crossing all areas.

Robotics 12 (MELR-12) teaches students the engineering and design process using mechanisms, machines and robotic systems. Students will learn the fundamentals of programming to design robots which will perform a set predetermined tasks.

Electronics 12 (MELDS12) extends students' understanding of computer systems and computer interfacing with external devices. Students will assemble computer systems by installing and configuring appropriate hardware and software, and will learn more about fundamental concepts of electronics, robotics, programming, and networks.

ARTS EDUCATION

DANCE

DANCE 9 (MDNC-09)

DANCE FOUNDATIONS 10 (MDCF-10)

This course includes Ballet, Jazz, Modern, Ballroom, Hip Hop, and cultural dances. Ballet will be the foundation for essential dance technique. There will be an exposure to and appreciation of other dance styles which may include workshops with trained dancers and field trips.

DANCE FOUNDATIONS 11/12 (MDCF-11, MDCF-12)

This course is offered under the Fine Arts umbrella. Students will study a wide variety of dance styles. This may include Hip Hop, Breakdance, Ballroom, Jazz, Tap, Modern, and Cultural dances. Ballet will be the foundation for essential dance technique. No previous dance experience is necessary. Students will learn dances choreographed by the teacher and they will also learn how to create their own dance routines. Students will have the opportunity to work with trained dancers, attend field trips, and perform in dance shows.

DIGITAL ARTS

MEDIA ARTS 10 (MVAM-10)

Media Arts is a digital art course that allows students to work in various area of the Digital Arts- Digital Photography, Graphics, Video, Sound Production and Animation. Various software such as Photoshop, Audacity (for sound), and Shotcut (for movies), are used to widen student's skills and understanding of what Media arts is all about and produce various digital art projects which focus on the students own personal creativity.

Digital photography, Greenscreen technology and other contemporary digital and analog mediums will also be introduced.

MEDIA ARTS 11 (MVAMT11)

Media Arts 11, builds on the skills learnt in the MA10 course. In MA11 students will be asked to produce projects which are truly multimedia- that being projects which combine two or more media together in each project. Short films, animation, soundscapes slideshows, cutup videos, Advanced GIF's and more!

MEDIA ARTS 12 (MVAMT12)

This course is designed for the serious-minded student who is considering a career in the digital technology industry, digital Arts based field, or simply wants to create high caliber work for any variety of personal reasons. This course demands a high level of commitment. Students will get a chance to take on larger more comprehensive videos improving their foundation skills. The option to follow a personal interest or niche area is also provided (ex: stop-frame animation or movie making). An emphasis is placed on project work and students will be expected to work more independently than in the introductory course.

Students are expected to put time outside of class into their projects. The focus of the work is on how to achieve a product of the highest value possible. Projects are designed with public exhibition in mind with special attention given to film festivals.

GRAPHICS ARTS 11 (MVAGA-11)

This course is for creative students who want to express their personal style through design. Students will learn a visual approach to communication and the basics of design through image & text. Projects cross over from 2-D to 3-D design and may include logos, typography, guerilla media, Tee shirt, posters, and magazine layouts. Students will develop software skills in Photoshop, Illustrator and/or InDesign as well as completing projects by hand including hand printing or silk-screening. An ability to draw is not a requirement but an attention to detail and craft would be an asset.

GRAPHIC ARTS 12 (MVAGA-12)

Whether students are considering careers in Graphic Design, Industrial Design, Fashion or Architecture, this course will help them develop a foundation in design principles, photo/illustration & typography. Student design projects will explore social & cultural issues and may include magazines, posters, logos, e-books, web, silkscreen, exhibit and product packaging. Students will gain technical, professional and critical skills which will allow them to problem solve in 2D -3D. Students will develop software skills in Photoshop, Illustrator and/or InDesign as well as completing projects by hand which may including silk screening. Students may choose to pursue an independent project in an area of interest. An ability to draw is not a requirement but an attention to detail and craft is an asset. Graphic Arts prepares students interested in post-graduate design coursework. Students will develop an online portfolio. Discussions product life cycle, sustainability and the form and function of design will also be dealt with.

GRAPHIC PRODUCTION 11 (Yearbook) (MGRPR11)

Yearbook Production 11 is an advanced course in magazine, web page, and book publishing. Students will enter this course with a high level of maturity and computer sophistication. Students must be able to work in an extremely stressful, time sensitive, team environment. This course uses Adobe CS4, InDesign Illustrator, Photoshop and Acrobat. Students are responsible for publishing the school yearbook and other major projects. It is recommended that students have a digital camera. There is a large leadership component to this course.

GRAPHIC PRODUCTION 12 (Yearbook) (MGRPR12)

Yearbook Design 12 is a second-year course open only to students who have successfully completed Yearbook Production 12. Students in this course will take on a major leadership role.

DIGITAL MEDIA DEVELOPMENT 12 (MDMD-12)

This design course emphasizes the production of object as related to design. Students will use various peripheral devices, such as Vinyl cutters, laser etchers and 3D printers, to actualize their work. Discussions of Safety, product life cycle, sustainability and the form and function of design will also be dealt with.

PHOTOGRAPHY 11 (MVAPH11)

This course will provide students with the opportunity to capture, manipulate, and share digital imagery and photographs. In addition, students will learn technical skills related to imagery theory as the operation of cameras and photo editing software.

PHOTOGRAPHY 12 (MVAPH12)

This course is a continuation of Digital Photography 11 and has been developed to help students explore the range of personal and social expression through digital photography and multi-media as a communication tool and art form. Students will be able to investigate the diverse opportunities and possibilities for related careers and interests. Students will learn photographic and compositional skills and learn how to apply them to different output or presentation forms: internet, slide shows, home videos, advertising, historical documentation, publishing, gallery exhibitions, and more. The course will focus on digital format photography and how they can be used presentations for art and communication. Students will make digital photographs and multi-media presentations. Students will be expected to develop an appreciation of photography and multi-media works and respond to them critically in an informed and responsible manner. Students having their own DSLR camera is an asset but not a requirement.

MUSIC

CONCERT BAND 9 &10 BEGINNER (MMUCB1--1)

Ever wanted to learn to play a NEW musical instrument? This course teaches you everything you have to know to play in a band and have fun! You will have the opportunity to choose an instrument that you like and learn to play it. You will also learn to work as a team and make beautiful music. In fact, we will even teach you how to write a song in this class.

Instruments will be provided, including flute, clarinet, saxophone, trumpet, French horn, trombone, tuba and bass.

NO EXPERIENCE/INSTRUMENTS ARE REQUIRED!

CONCERT BAND 9 – 12 INTERMEDIATE (MMU—09BA3/MMUCB10--2/MMUOR11—3/MMUOR12—3)

So you already know how to read music and play a musical instrument? This course is for students who have had previous experience in band. You will learn to work as a team and make beautiful music. This course will introduce instrumental and performance techniques that will allow students to express themselves more through music. Intermediate Band members are recommended to also join Jazz Band.

CONCERT BAND 9–12 SENIOR (MMU-- 09BA4/MMUCB-10--3/MMUOR11--4/MMUOR12--4)

So you can play music, but you want to challenge yourself? The senior band will receive training to perform at a high level and is for musicians with previous band experience. You will study a variety of music repertoire and perform in events in and out of school. This ensemble will represent John Oliver in competitions and music festivals.

Senior Band members are recommended to also join Jazz Band.

JAZZ BAND 9-12 (off time table) (MMUJB-10/MIMJB11--2/MIMJB12—2)

EVERYONE’S WELCOME! This pep band is about having fun, making the audience dance and creating an exciting atmosphere for all. AS LONG AS YOU CAN READ MUSIC AND CAN PLAY A MUSICAL INSTRUMENT, YOU ARE IN! We rehearse every day before the start of school and perform exciting contemporary music.

CHORAL MUSIC 9-12 (MMU—09CC1/MMUCC10/MMUCH11/MMUCH12)

Everyone has a voice, and this course WILL TEACH YOU HOW TO USE YOUR VOICE to create beautiful music. As a team, you will receive vocal training that enables you to become a good singer. Students are always singing in a big group, so don’t be shy!

ADVANCED CHORAL MUSIC 10–12 (MMCC-10—1/ MCMCC11ENR/MCMCC12ENR)

If you have 2 OR MORE YEARS or choir experience in and out of school, then you may select to become a part of our advance vocal ensemble where we study repertoires that require mature singers with advance techniques. You will learn a variety of music repertoire and perform in many events in and out of school. This ensemble will represent John Oliver in competitions and music festivals.

CONTEMPORARY MUSIC 10-12 DRUMMING (MMUCM10/MMUCM11/MMUCM12)

The one and only drumline in Vancouver schools. This loud, flashy and exciting ensemble will teach you everything you have to know about drumming and performing a highly choreographed show. You will LEARN TO PLAY THE DRUMS and become a musician through this course.

NO EXPERIENCE/INSTRUMENTS ARE REQUIRED!

Drumline members are recommended to also join Jazz Band.

GITAR 9 – 12 Beginner (MMUGT10--001/MIMG-11--001/MIMG-12--001)

Students in beginner Guitar class will learn the basic skills and techniques that will allow them to play guitar. Emphasis is Students will learn chords, strumming techniques and finger picking styles. They will also perform songs of different styles and genres. Personal choice of the songs you play is a big part of this course! NO EXPERIENCE REQUIRED! We have some guitars for students to borrow if they do not have a guitar at home.

GITAR 9 – 12 Intermediate (MMUGT10--1/MIMG-11--1/MIMG-12--1)

Intermediate Guitar is for students who have some ability or have taken the beginner class. Students perform songs of different styles and genres. Personal choice of the songs you play is a big part of this course! We have some guitars for students to borrow if they do not have a guitar at home.

GITAR 9 – 12 Advanced (MMUGT10—1/MIMG-11—1/MIMG-12—1)

Advanced Guitar is for students who have guitar playing skills or have taken the intermediate Guitar class. In Advanced guitar, students are expected to be self-motivated. Students choice of music style personal, playing techniques and the development of personal musical compositions are at the course of what this course is all about.

THEATRE

DRAMA 9 (MDR—09)

This course extends the skills and activities introduced in Drama 8. The emphasis is on the development of acting technique in the areas of mime, voice, movement, improvisation, character development, scene creation, script work, and scene performance. Exercises and activities are aimed at improving student confidence and group skills in a positive, supportive atmosphere. Focus and full participation is required.

DRAMA 10 (MDRM-10)

This course extends the skills and activities introduced in Drama 8. The emphasis is on the development of acting technique in the areas of mime, voice, movement, improvisation, character development, scene creation, script work, and scene performance. Exercises and activities are aimed at improving student confidence and group skills in a positive, supportive atmosphere. Focus and full participation is required.

THEATRE COMPANY 10/11/12 (MDRTC11/MDRTC12)

Do you want an intense and enriched experience in Drama at John Oliver? Do you love to be on the stage? This performance-oriented course is for experienced Drama students who wish to develop their acting, directing, and producing skills in a very supportive group of similarly committed students. This course is only for highly motivated and committed theatre students. Students will perform numerous times throughout the year, but the main focus of the course will be the spring production. After school rehearsals for evening and daytime performances are an essential part of this course. Senior Theatre Company students are highly encouraged to take Acting 11/12 and/or Theatre Criticism 11/12 and/or Stagecraft 11/12 to further develop theatre knowledge.

THEATRE PRODUCTION 10–12 (MDRD-10/MDRTP11/MDRTP12)

The focus of Acting 11/12 is to portray emotionally honest characters that move the audience. To reach this goal, there will be emphasis on character development, script analysis, improvisation, theatre styles and stage performance. Some out of class rehearsals, memorization and attending theatre performances are expected.

VISUAL ARTS

ARTS EDUCATION 9 (MAE--09)

This course extends the skills and activities introduced in Art 8 and is designed to develop students two-dimensional drawing and painting skills. Students will use a variety of materials and media for their projects and may produce an acrylic painting on canvas. Personal imagery is encouraged in all the projects.

ART STUDIO 11 (MVA11)

This course is for new and experienced art students. This course may include drawing, painting, sculpture (clay), printmaking, and mixed media. Students are encouraged to experiment with a variety of media and techniques. Projects will involve different materials, such as: pencil, pen/ink, charcoal, pastel, tempera and acrylic paints, printing inks, clay, and different mixed media, which may involve recycled paper making. A sketchbook is required as a visual journal.

ART STUDIO 12 (MVA12)

This course is designed for students who wish to continue art studies of a general nature. Students may experiment in several media and methods in five major areas of art, drawing, painting, sculpture (clay), graphic arts (print making), and mixed media (combining different media). Skills will continue to be developed in these major areas to further increase personal imagery, vocabulary, art history, and reasoned criticism. Assignments will be given on a class basis, but personal interpretations are expected. A sketchbook is required to develop personal ideas.

STUDIO ARTS 10: DRAWING AND PAINTING (MVAD-10)

Drawing and painting 10 is designed to allow students to begin to specialize in two-dimensional problems in the visual expression areas of drawing and painting. Historical and contemporary aspects of painting and design will be considered. Students will use a variety of materials and media for their projects and may produce an acrylic painting on canvas. Personal imagery is encouraged in all the projects.

STUDIO ARTS 11: 3D 11 (MVAC-11)

In this course students will continue to develop their skills using various sculpture materials, such as metals, wires, woods, canvas, and ceramic tiles. Technical skills will be developed, and students will be expected to research and consider sculpture tradition and design in three-dimensional art forms. Students will show their evolving artistic styles.

STUDIO ARTS 11: 2D11 (MVAD-11)

The drawing and painting course is designed for those students who wish to continue specializing in the drawing and painting expression areas. Assignments will be in water colour, acrylic, tempera, conte, crayon, charcoal, felt pen, ink, oil pastels, and more. Students may produce an acrylic painting on canvas. Through their artwork, students will develop critical judgments concerning their own art and the art of others. Historical and contemporary aspects of drawing and painting, via film, art text, slides, field trips, etc, will be considered and researched. Students are to maintain a sketchbook to develop personal imagery.

STUDIO ARTS 3D 12 (MVAC-12)

At this level, students will be expected to work independently and proficiently in various sculpture materials to create sculptural art forms. Students will be expected to keep a diary of ideas in their sketchbooks. The sketchbook is mandatory and will be part of their final mark. Also students will be expected to display their art works either as a group or individually throughout the school. The emphasis in this course is on problem solving and imaginative and experimental responses to proposed projects.

STUDIO ARTS 2D 12 (MVAD-12)

Students will further explore techniques and media in relation to two-dimensional problems as found in Drawing and Painting 11. Students will build on previous art and cultural experiences to help develop a personal style and approach to imagery. Students will produce at least one acrylic painting on canvas. For the more serious art student who has taken several previous art courses, more independent projects and study is encouraged. A sketchbook is required.

VISUAL ARTS 10: ART STUDIO 10 (MVAT-10)

Visual Arts 10 is for students wishing to continue learning through a variety of visual expression areas, such as drawing and painting, clay work, sculpture, mixed media, and printmaking in order to develop their creativity, problem-solving skills, and self-expression. Focus will be on development of personal imagery, portfolio production, and one's individual approach to a finished product. Historical art movements and contemporary issues will be presented. A sketchbook is required.

CAREER EDUCATION

CAREER LIFE EDUCATION 10 (MCLE10)

Today's workplace needs graduates who can adapt to ongoing change in their lives and careers and the increasing need for intercultural awareness. Career Education offers individual students opportunities to acquire the knowledge and competencies necessary for success in school, in the workplace, and in their daily lives.

CAREER LIFE CONNECTIONS 12 (MCLCG-12)

As students move through Grades 10–12, they further refine their understanding of the links between personal development and their career decisions. They consider regional and global trends to reflect on career possibilities, refine their understanding of safety requirements associated with occupational areas and related technologies, and further develop and refine their understanding of career possibilities through planning, practice, and application of competencies and knowledge.

Students may explore and experience various career options before they discover the most appropriate and meaningful direction for them. For some students, a successful transition will involve a direct path to further education, while for others it will involve a direct path to the world of work. During these years, students develop their transition plans, which include workplace experience and a final capstone project. CAPSTONE PROJECT 12

As students move through Grades 10–12, they further refine their understanding of the links between personal development and their career decisions. They consider regional and global trends to reflect on career possibilities, refine their understanding of safety requirements associated with occupational areas and related technologies, and further develop and refine their understanding of career possibilities through planning, practice, and application of competencies and knowledge.

Students may explore and experience various career options before they discover the most appropriate and meaningful direction for them. For some students, a successful transition will involve a direct path to further education, while for others it will involve a direct path to the world of work. During these years, students develop their transition plans, which include workplace experience and a final capstone project.

ENGLISH LANGUAGE ARTS

ENGLISH 9 (MEN--09)

English 9 provides opportunities for individual and group learning in the language arts, i.e., reading- viewing, writing-representing, and speaking- listening. You will develop your critical, analytical, and creative thinking through the study and interpretation of language and literature. In addition, you will strengthen and extend your knowledge of literary terms, concepts, and devices. You will undertake a variety of oral and written assignments and develop your essay-writing skills. A focus on independent reading is included in order to foster a love of reading in young students.

ENGLISH LANGUAGE ARTS 10 Students must take one of the following ELA 10 options:

FOCUSED LITERARY STUDIES & COMPOSITION 10 (MLTST10 + MCMP10)

Focused Literary Studies & Composition 10 is designed for students who are interested in the literature of a particular era, geographical area or theme, or in the study of literature in general. This course allows students to delve more deeply into literature as they explore specific themes, time periods, authors, or areas of the world through literary works in a variety of media.

Focused Literary Studies & Composition 10 is designed to support students in their development of written communication through a critical process of questioning, exploring, and sampling. The course builds students' writing competencies by introducing them to varied structures, forms, and styles of compositions.

FOCUSED LITERARY STUDIES & NEW MEDIA 10 (MLTST10 + MNMD-10)

Focused Literary Studies & New Media 10 is designed for students who are interested in the literature of a particular era, geographical area or theme, or in the study of literature in general. This course allows students to delve more deeply into literature as they explore specific themes, time periods, authors, or areas of the world through literary works in a variety of media.

Focused Literary Studies & New Media 10 is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. Focused Literary Studies & New Media 10 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through a variety of digital and print media.

FOCUSED LITERARY STUDIES & CREATIVE WRITING 10 (MLTST10 + MCTWR10)

Focused Literary Studies & Creative Writing 10 is designed for students who are interested in the literature of a particular era, geographical area or theme, or in the study of literature in general. This course allows students to delve more deeply into literature as they explore specific themes, time periods, authors, or areas of the world through literary works in a variety of media.

Creative Writing 10 is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres. Within a supportive community of writers, students

will collaborate and develop their skills through writing and design processes. Students in this course are encouraged to express themselves creatively.

ENGLISH LANGUAGE ARTS 11

OVERVIEW

The John Oliver Secondary English Dept. will offer three streams of ELA 11 that match up with our current ELA 10 offerings. These streams replace the current English 11 courses. These are:

- Literary Studies 11
- Creative Writing 11
- New Media 11

The curricular competencies of Literary Studies 11 will be incorporated into streams of ELA 11 (in line with our current format for ELA 10, where Literary Studies 10 is combined with the other streams). The actual Literary Studies 11 course will include a strong composition focus. These streams are designed to support the specific population of John Oliver, while still upholding the principals of personalized learning and student choice under the new BC curriculum. **Students must take one 4-credit ELA 11 course in order to graduate.**

Literary Studies 11 (MLTST11) is designed for students who are interested in the literature of a particular era, geographical area or theme, or in the study of literature in general. This course allows students to delve more deeply into literature as they explore specific themes, time periods, authors, or areas of the world through literary works in a variety of media. Literary Studies 11 is designed to support students in their development of written communication through a critical process of questioning, exploring, and sampling. The course builds students' writing competencies by introducing them to varied structures, forms, and styles of composition. **Students coming directly from ELL streams would be most comfortable in this course.**

New Media 11 (MNMD-11) is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. New Media 10 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through a variety of digital and print media. **This course is best suited to those students with an interest in new media and media literacy.**

Creative Writing 11 (MCTWR11) is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. Students in this course are encouraged to express themselves creatively. **This course is suited to those students wishing to explore the creative aspects of literature.**

ENGLISH LANGUAGE ARTS 12

English Studies 12 (MENST12) A 4 credit course that is mandatory for all students in order to graduate

The required English Studies 12 course builds on and extends students' previous learning experiences in ELA and EFP 10 and 11 courses. It is designed for all students and provides them with opportunities to:

- refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals
- think critically and creatively about the uses of language
- explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that shape identity
- appreciate the importance of self-representation through text
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- expand their understanding of what it means to be educated Canadian and global citizens

***NOTE: The provincial exam for English will not be available as of the 2019/2020 academic year.**

ELECTIVES

The John Oliver Secondary English Department will offer two new ministry electives, **Creative Writing 12** (replacement for our current BA course, Creative Writing & Children's Literature), and **Literary Studies 12** (formerly Literature 12). **These courses will be open to any student in GR 11 or 12, regardless of whether they have previously completed an ELA 11 or 12 course.**

Literacy Studies 12 (MLTST12)

Literary Studies 12 allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time increase their literacy skills through close reading of appropriately challenging texts enhance their development of the English Language Arts curricular competencies in order to expand their development as educated global citizens develop balance and broaden their understanding of themselves and the world further refine higher-level thinking and learning skills. **This course is offers strong preparation for the writing and communication skills needed for post-secondary study.**

The following are possible areas of focus in Literary Studies 12, at the discretion of the instructor:

- Genre-specific studies – poetry, short stories, novels, drama, graphic novels, children's literature
- World or diasporic literature
- Feminist literature
- Canadian literature
- First Peoples texts
- Specific author studies
- Topic, theme, or inquiry
- Canonical literature by era—Middle Ages, Renaissance, Restoration, Romantic, Victorian, 20th century

Creative Writing 12 (MCTWR12)

Creative Writing 12 is designed for students who are interested in creating a body of work and exploring the creative side of poetry or prose. The course provides students with opportunities to specialize and publish in real-world contexts. Students engage in the exploration of personal and cultural identities, memories, and stories, in a wide range of genres. Within a supportive community, students will collaborate and develop their skills through writing and design processes, celebrating successes. Students will refine their ability to write in complex, controlled styles with effectiveness and impact.

The following are possible areas of focus within Creative Writing 12:

- fiction and poetry – suggested content includes flash fiction, graffiti, sub-genres (e.g., adventure, children’s literature, comic/graphic, fantasy, fan fiction, historical fiction, horror, sci-fi, dystopian, suspense, thriller, tragedy, romance), drama, script writing, poetry, authenticity versus sentimentality, literary devices and techniques, various forms, the relationship between form and function
- creative non-fiction – suggested content includes columns, features, articles, queries, captions, layout, reporting, interviews, reviews (fashion, movie), advertising, titles, bylines, sample readings
- memoir – suggested content includes place-based writing, narrative, film memoir, sample readings

ENGLISH LANGUAGE LEARNING/ELL

ELL designated courses are in place for language support and learning. Each student is evaluated and placed according to language support needs. Each term, students receive feedback about the effort and skills they display and areas that need extra attention. Because language learning occurs at varying rates, students may take more or less time to reach a level where no specific language support is required. Students may receive ELL support for up to 5 years, and beyond if necessary.

ENGLISH LANGUAGE LEARNING CLASSES

LEVEL ONE:

Students take five core English language courses as well as three integrated subjects such as physical education, math, and arts.

Reading 1 **(XLDCE10RE1)**

Writing 1 **(XLDCE10WR1)**

ELL Science **(XLDCE10SC1)**

ELL Social Studies **(XLDCE10SS1)**

LEVEL TWO:

Students take three ELL language classes as well as five integrated courses.

Reading 2 **(XLDCE10RE2)**

Writing 2 **(XLDCE10WR2)**

ELL Social Studies 2 **(XLDCE10SS2)**

LEVEL THREE:

Students take three ELL language classes as well as five integrated courses.

Reading 3 **(XLDCE10RE3)**

Writing 3 **(XLDCE10WR3)**

ELL Social Studies 3 **(XLDCE10SS3)**

ACADEMIC STRATEGIES FOR ELL (YESFLOA)

The course is designed to familiarize and extend a student's abilities to use various strategies independently in order to meet the Learning Outcomes and be successful in content based courses such as English, Social Studies, and Science. Emphasis will be on the comprehension of important concepts, linking current information to prior knowledge, and the application of strategies and skills learned. In addition, students will become familiar with a variety of learning skills and Canadian assessment technique

LANGUAGES

FRENCH 9 (MFR--09)

French 9 is a lively and hands-on continuation of the French 8 program. This course emphasizes the further development of oral-aural communication by way of animated activities such as games, role-play and presentations. Through the exploration of authentic French works including short stories, musical lyrics, and articles, students will increase their reading and writing skills while being exposed to cultural aspects of life in France, French Canada and other French-speaking countries. Themes covered include school, style, music, sports, and outdoor adventure. Enthusiasm is mandatory, berets are optional. There is a \$20 workbook fee.

FRENCH 10 (MFR--10)

French 10 is a dynamic and engaging continuation of the French 9 program. This year, students will build on their language skills by acquiring strategies for understanding spoken and written French such as increasing vocabulary, understanding structures and communicative strategies, improving listening comprehension and deconstructing grammar rules. Fun-filled activities such as games and role-play will support oral-aural development and the use of authentic French works, such as short stories, articles, and films, will expose students to the diverse cultures in the Francophone world. Themes covered include interior design, childhood memories, exploring Canada, and job searching. Participation is mandatory. There is a \$20 workbook fee.

FRENCH 11 (MFR--11)

This is an exciting continuation of French 10 as students will now use the language skills, they have developed to express their personal experiences, preferences, and opinions. Gone are the days of rote memorization and constant repetition. Students will tantalize their foodie taste buds, reminisce about childhood memories, deconstruct and create advertisements and explore multiculturalism in Canada. The course delivers all the components of a language program - reading, writing, listening, speaking and culture - centered around engaging activities such as games, role play, group work, debates, and multi-media presentations. French 11 satisfies University entrance requirements. Enthusiasm and participation are mandatory, baguettes are optional. There is a \$20 workbook fee.

FRENCH 12 (MFR--12)

This is the riveting culmination of the 5-year French program and a continuation of French 11. The focus will be on communication skills that will add sophistication to speaking and writing. Students will develop their ability to express their thoughts and opinions through discussions and explorations centered around authentic French works such as movies, articles, music, novel studies and plays. Students will be able to explore their own artistic abilities as painting, slam poetry writing, and improvisation are part of the curriculum. The course delivers all the components of a language program - reading, writing, listening, speaking and culture - centered around engaging activities such as games, role play, group work, debates, and multi-media presentations. French 12 satisfies 1st year University language course requirements. Active participation is mandatory for success in this course.

MANDARIN 9 (MMAN—09)

This is the very beginning of the Mandarin language. We learn the basics of the most spoken language in the world such as pinyin and strokes first. Then it is extended to a wide range of oral interactions including role plays, conversations, and presentations. Meanwhile we focus on the following core competences – listening, speaking, reading, writing and culture. We watch short movies, listen to dialogues and enjoy songs. We make speeches and have interviews. We read poetry and song lyrics. We create comic strips with captions. We get familiar with the Chinese holidays, customs and traditions, and the Chinese school system. Last but not least, we have fun with games and crafts.

INTRODUCTORY SPANISH (MSP—09)

¡Hasta la vista! This is an introductory course focusing on both oral and written communication. Emphasis is placed on having fun conversations with classmates which are then used as the starting point for reading and writing. Students will participate in a variety of activities including presentations, dialogues, skits and individual and group projects. This course will introduce students to the geography, culture, history and daily lives of Hispanic people.

This course is open to students in any grade. It leads to Beginner Spanish 2. *There is no workbook fee.*

SPANISH YEAR 2 (MSP—10)

Students continue to develop their speaking, reading, writing and listening skills from the first year. We will explore a variety of themes related to travel and vacations, seasons and weather, clothing, shopping and daily routines. The geography, culture, history and daily lives of Hispanic people will be highlighted through films, music, classroom discussions and activities. *There is no workbook fee.*

SPANISH YEAR 3 (MSP—11)

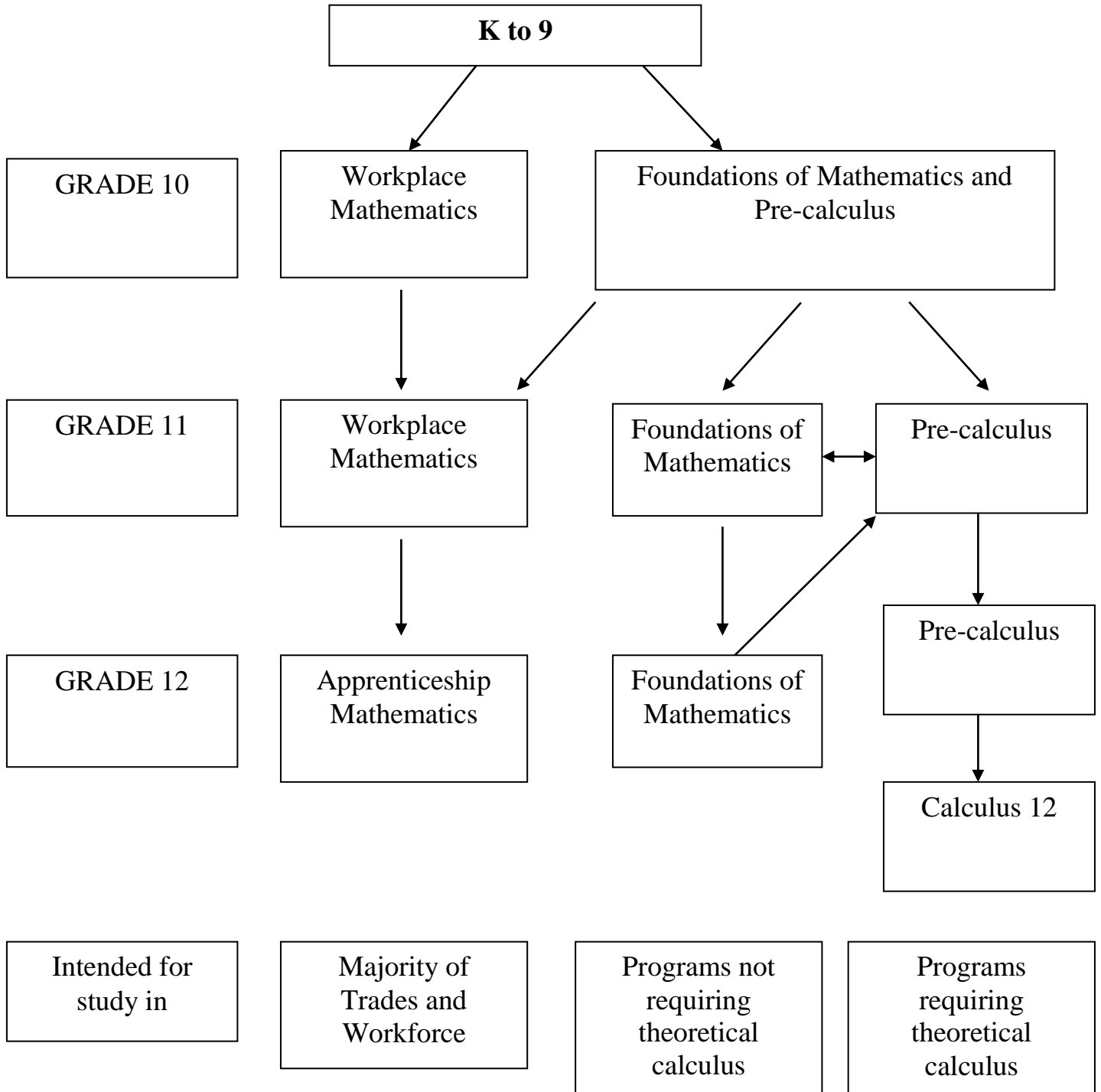
Students will communicate with growing confidence in different authentic contexts. Major themes will include personal well-being, and the use of computers and technology in every-day life. We will continue to explore cultural, historical and contemporary life in the Hispanic world. Successful completion of Spanish Intermediate 1 provides the minimum language requirement needed for many universities. (This course fills the LANGUAGE 11 requirement) *There is no workbook fee.*

SPANISH YEAR 4 (MSP—12)

This course is the culmination of the study of Spanish at the secondary school level. Emphasis is placed on discussion, building fluency, learning more complex language structures and continuing to explore Hispanic culture through a variety of mediums. We finish off the year with a Film Study unit. Students learn to express their ideas, beliefs and opinions about a variety of issues. *There is no workbook fee.*

MATHEMATICS

OVERVIEW OF PATHWAYS



MATHEMATICS 9 (MMA--09)

Math 9 is a continuum of the skills from Mathematics 8 course to assist further aptitudes. Students will study Rational Operations, Exponents, Polynomials, Linear Relations, Algebra, Spatial Proportions, Statistics, and Financial Literacy.

FOUNDATIONS & PRECALCULUS MATHEMATICS 10 (MFMP-10)

This course introduces students to the mathematical understanding and critical-thinking skills further developed in the Foundations of Mathematics & Pre-Calculus pathways. Topics include exponents, factorization, measurement, number and relations, financial literacy, arithmetic sequences, trigonometry, and functions. The core competencies are interwoven throughout the mathematical topics. If your child has been very successful in Math 8 and 9, enjoys the challenges of Math, and is thinking about future education or a career that involves Sciences, Engineering, social sciences such as Economics, Geography, Psychology, Arts or Humanities, then starting the Foundations and Pre-Calculus Mathematics 10 will be the best choice. This course leads to Foundations 11 and/or Pre-Calculus 11.

WORKPLACE MATHEMATICS 10 (MWPM-10)

It is recommended that students who earn 55% or less in Mathematics 9 or intend to pursue a trade or technical job after high school should enroll in this course.

This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post-secondary and for direct entry into the work force. Topics include graphing, geometry, measurement, central tendency, financial literacy and probability. If your child has worked hard in Math 8 or 9, enjoys working on projects or “hands-on” activities, or intends to pursue a trade or technical job after high school, then choose the Apprenticeship and Workplace pathway.

FOUNDATIONS OF MATHEMATICS 11 (MFOM-11)

It is recommended that students have obtained at least a C grade from FMP-10.

This course is designed to provide students with the mathematical understanding and critical thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Students who are thinking about future education or careers in Social Sciences or Arts should choose this course. Topics include: Graphical Analysis, Angle Relationships, Scale Models, Financial Literacy, and Statistics. This course gives students the graduation requirement in mathematics. Because there is not a large overlap between this course and PreCaclulus 11, some students may wish to take both courses.

PRE-CALCULUS 11 (MPREC11)

Recommended Prerequisites: FMP-10. It is recommended that students have obtained at least a B grade from FMP-10

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Typically, a student would be planning to enter a college or university in a mathematics, science, engineering, medicine or commerce program. Topics include: Real Number System, Powers, Radicals, Trigonometry, Relations, Inequalities, Financial Literacy, and Functions. This course gives students the graduation requirement in mathematics.

WORKPLACE MATHEMATICS 11 (MWPM11)

Students who obtain less than 60% from FMP-10 are recommended to take AWM-11

This course is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into the majority of trades and for direct entry into the workforce. Topics include: Rate of Change, Geometry, Financial Literacy, Interpreting Graphs, and Statistics. This course gives students the graduation requirement in mathematics.

CALCULUS 12 (MCALC12)

Recommended Co/Prerequisites: PreCalculus 12. It is recommended that students have obtained at least a B+ grade from PreCalculus 12 or PreCalculus 11.

Topics covered include the theory of limits, differentiation, integration of areas and volumes of rotation, and practical problems involving these skills and techniques. Students who successfully complete this course will find themselves well prepared for any first year university calculus course. Students taking this course must be enrolled in or have completed PreCalculus Mathematics 12.

CALCULUS 12 SEMESTER (MCAL12SEM)

Recommended Co/Prerequisites: PreCalculus 12. It is recommended that students have obtained at least a B+ grade from PreCalculus 12.

This course covers the same subject area as Calculus 12, but is designed to be completed in one semester (5 months). With daily classes, the subject matter can be approached in a more intense, continuous manner which is helpful to those students who also wish to take PreCalculus 12. Commitment to regular daily study is required in order to enhance learning in this academically demanding course offered in the semester system.

Topics covered include the theory of limits, differentiation, integration of areas and volumes of rotation, and practical problems involving these skills and techniques. Students who successfully complete this course will find themselves well prepared for any first year university calculus course. Students taking this course must be enrolled in or have completed PreCalculus Mathematics 12.

FOUNDATIONS OF MATHEMATICS 12 (MFOM-12)

Recommended Prerequisites: FMP-11. It is recommended that students have obtained at least a C grade from FMP-11.

This course is designed to provide students with the mathematical understanding and critical thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Students who are thinking about future education or careers in Social Sciences or Arts should choose this course. Topics include: Financial Planning, Probability, Graphical Representations, Combinatorics, Relations, and Functions.

PRE-CALCULUS MATHEMATICS 12 (MPREC12)

Recommended Prerequisites: PreCalculus 11. It is recommended that students have obtained at least a B grade from PreCalculus 11.

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post secondary programs that require the study of theoretical calculus. Students who are thinking about future education or careers in Sciences and Engineering should take this course. Topics include: Transformations, Exponents and Logarithms, Trigonometry, Geometric Sequences and Series, Relations, and Functions.

PRECALCULUS MATHEMATICS 12 SEMESTER (MPREC12SEM)

Recommended Prerequisites: PreCalculus 11. It is recommended that students have obtained at least a B+ grade from PreCalculus 11.

This course covers the same subject area as PreCalculus 12, but is designed to be completed in one semester (5 months). With daily classes, the subject matter can be approached in a more intense, continuous manner which is helpful to those students who also wish to take Calculus 12. Commitment to regular daily study is required in order to enhance learning in this academically demanding course offered in the semester system.

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post secondary programs that require the study of theoretical calculus. Students who are thinking about future education or careers in Sciences and Engineering should take this course. Topics include: Transformations, Logarithms, Trigonometry, Combinatorics, Relations and Functions.

PHYSICAL AND HEALTH EDUCATION

PHYSICAL & HEALTH ED 9 (MPHE—09)

Physical and Health Education 9 is a continuation of the concepts, theories and skills developed in PHE 8. The goal of PHE is to build students' physical and emotional well-being through the promotion of active living, movement skills, fair play and leadership. Students will also develop the ability to make healthy choices with respect to their emotional and mental well-being, and incorporate strategies for developing positive relationships. Students will engage in a variety of activities to further develop their knowledge and skills in this curricular area. A supplemental fee may be charged to cover the cost of extra-curricular field trips and guest instructors when available.

PHYSICAL & HEALTH ED 10 (MPHED10)

Physical and Health Education 10 is a continuation of the concepts, theories and skills developed in PHE 9. The goal of PHE is to build students' physical and emotional well-being through the promotion of active living, movement skills, fair play and leadership. Students will also develop the ability to make healthy choices with respect to their emotional and mental well-being, and incorporate strategies for developing positive relationships. Students will engage in a variety of activities to further develop their knowledge and skills in this curricular area. A supplemental fee may be charged to cover the cost of extra-curricular field trips and guest instructors when available.

******The courses "Active Health – Game Play" and "Active Health – Fit For Life" use the same course codes and as such, students cannot take both courses at the same level.******

ACTIVE LIVING 11 – GAME PLAY (MACLV11FFL)

This course replaces Physical and Health Education 11. It is a senior elective course that builds on the concepts, theories and skills developed in the junior PHE courses, with a focus on recreational and competitive team games. Through participation in this course, students will develop the knowledge, skills and attitude to allow them to incorporate physical activity into their daily lives and learn to safe choices which allow them to enjoy an active lifestyle. A supplemental fee will be charged to cover the cost of extra-curricular field trips and guest instructors.

ACTIVE LIVING 12 – GAME PLAY (MACLV12FFL)

This course replaces Physical and Health Education 12. It is a senior elective course that builds on the concepts, theories and skills developed in the junior PHE courses and Active Living 11, with a focus on recreational and competitive team games. Through participation in this course, students will develop the knowledge, skills and attitude to allow them to incorporate physical activity into their daily lives and learn to safe choices which allow them to enjoy an active lifestyle.

A supplemental fee will be charged to cover the cost of extra-curricular field trips and guest instructors.

ACTIVE LIVING 11 – FIT FOR LIFE (MACLV11) FFL

Fit for Life 11 is a senior elective that builds on concepts and skills developed in junior PHE courses with a focus on non-competitive activities. Students will be introduced to and participate in a variety of cooperative and individual games and recreational activities, with a focus on both mental and physical health and wellness. Some examples of recreational activities are pilates, yoga, meditation, zumba, circuit training, spin classes and hiking. Students will also be introduced to community based recreational opportunities through field trips and outside instructors. A supplemental fee will be charged to cover the cost of extra-curricular field trips and guest instructors

ACTIVE LIVING 12 – FIT FOR LIFE (MACLV12) FFL

Fit for Life 12 is a senior elective that builds on concepts and skills developed in junior PHE and Fit for Life 11 courses with a focus on non-competitive activities. Students will be introduced to and participate in a variety of cooperative and individual games and recreational activities, with a focus on both mental and physical health and wellness. . Some examples of recreational activities are pilates, yoga, meditation, zumba, circuit training, spin classes and hiking Students will also be introduced to community based recreational opportunities through field trips and outside instructors. A supplemental fee will be charged to cover the cost of extra-curricular field trips and guest instructors

FITNESS AND CONDITIONING 11 (MFTCD11)

Fitness 11 is a senior elective course that focuses on personal fitness and healthy lifestyle choices with an emphasis on developing student's cardiovascular endurance, muscular strength and endurance, core agility and flexibility—this course is designed specifically towards further improving students' fitness levels. Students will learn the various techniques, theories and concepts of various training methods for general or sport-specific activities. Knowledge gained in this course will be applied into the design and implementation of a muscular and aerobic fitness program specific to the individual's needs. A supplemental fee will be charged to cover the cost of extra-curricular field trips and guest instructors.

FITNESS AND CONDITIONING 12 (MFTCD12)

Fitness 12 is a senior elective course that builds on the theories, techniques and concepts of various general and sport-specific training methods learned in Fitness 11—cardiovascular endurance, muscular strength and endurance, core agility and flexibility. Students will be exposed to a greater variety of principles and theories related to various fitness training and apply them to the creation of a dynamic fitness program that is tailored to meet the individual's specific needs. Students will learn how to re-evaluate their fitness programs and implement necessary changes in order to meet their fitness goals and objectives. Fitness 12 will also explore topics around nutrition, sport supplements as well as injury care and prevention. A supplemental fee will be charged to cover the cost of extra-curricular field trips and guest instructors.

BASKETBALL 11 (Course code to be determined)

Basketball 11 is a senior elective course that focuses on the development of Basketball skills, tactics, team play and philosophies. Students will also be expected to understand and demonstrate knowledge of rules and scorekeeping. Time will be spent in both the gym and the classroom, as both skills and theory are the focus of this course. Successful completion of PE 10 is a prerequisite for Basketball 11.

LEADERSHIP PE 11 (YHRA-1A)

PHE Leadership 11 is a senior elective course with a focus on developing student's knowledge and skills in leadership through the exploration of various leadership styles, concepts and theories. Becoming active leaders will enable students to live a productive and satisfying quality of life in society. Students will have the opportunity to develop their own personal leadership styles while gaining valuable insight in leadership positions that focus on recreational activity, event management, and student lead initiatives. Leadership opportunities will be made available through the school programs such as Intramurals, JO Athletic Tournaments, and other programs and initiatives that incorporate the greater JO community—feeder Elementary Schools, community centres and other local organizations.

A supplemental fee will be charged to cover the cost of extra-curricular field trips and guest instructors.

LEADERSHIP PE 12 (YHRA-2A)

PHE Leadership 12 is a senior elective course with a focus on developing student's knowledge and skills in leadership through the exploration of various leadership styles, concepts and theories. Becoming active leaders will enable students to live a productive and satisfying quality of life in society. Students will have the opportunity to develop their own personal leadership styles while gaining valuable insight in leadership positions that focus on recreational activity, event management, and student lead initiatives. Leadership opportunities will be made available through the school programs such as Intramurals, JO Athletic Tournaments, and other programs and initiatives that incorporate the greater JO community—feeder Elementary Schools, community centres and other local organizations.

A supplemental fee will be charged to cover the cost of extra-curricular field trips and guest instructors.

SCIENCE

SCIENCE 9 (MSC--09)

In this laboratory-centered and science literacy focused course, students will engage in a variety of fascinating science topics as they strengthen science inquiry skills, and learn to use lab equipment. Students will continue to develop the core competencies of critical thinking, communication, and personal and social responsibility. Major subject areas include lab safety, processes of science (scientific method and literacy), life science (cells, the movement of matter and energy through ecosystems), and physical sciences (atoms and their electrons, electricity as the flow of electrons). A deposit is required for the use of the course workbook.

SCIENCE 10 (MSC--10)

In this course, students will engage in a variety of fascinating science topics as they strengthen science inquiry skills, and learn to use lab equipment. Students will continue to develop the core competencies of critical thinking, communication, and personal and social responsibility. Major subject areas include lab safety, processes of science (scientific method and literacy), life science (genes), and physical sciences (chemical processes; energy; the formation of the universe). A deposit is required for the use of the course Workbook.

LIFE SCIENCES 11 (MLFSC11)

Life Sciences 11 is an introduction to the fascinating and challenging science of biology, focusing on the big ideas of life, evolution, and organisms. The course is a combination of labs, group work, as well as independent learning, and focuses on the fundamental concepts of biology. The course emphasizes the continued development of the core competencies of critical thinking, communication, and personal and social responsibility. Regular studying and review of concepts is required in order to fully enhance the learning and enjoyment of the extensive course content. A deposit is required for the course workbook.

CHEMISTRY 11 (MCH--11)

Recommended: Foundations of Mathematics and PreCalculus 10; Minimum 60% in Science 10.

In this laboratory/calculation-based course, students explore the big ideas of the structure of matter, the mole, organic chemistry, chemical reactions and solubility. Students will learn to calculate and measure the amounts of materials used and produced in chemical reactions. In addition, students will expand upon their knowledge about atomic structure and bonding and will be introduced to solution chemistry and organic chemistry. The course emphasizes the continued development of the core competencies of critical thinking, communication, and personal and social responsibility. Mathematics is used extensively in Chemistry 11 and students lacking a strong foundation in Mathematics must be prepared to work hard and obtain extra help. A deposit is required for use of the course workbook.

ENVIRONMENTAL SCIENCE 11 (MEVSC11)

The big ideas in this course include the diversity, sustainability, stewardship and restoration of ecosystems as well as the natural processes that bring about changes in ecosystems. The course focuses on energy flow and matter cycles, how human actions can impact ecosystems, and restoration practices. The course emphasizes the continued development of the core competencies of critical thinking, communication, and personal and social responsibility. A deposit is required for use of the course workbook.

PHYSICS 11 (MPH--11)

Recommended: Foundations of Mathematics and PreCalculus 10; Minimum 60% in Science 10.

Physics 11 is an introductory course to the physical world around us, focusing on the science of motion, force, energy and waves. Physics is a mathematical science in which students will develop problem-solving and critical thinking skills. Students will work both individually and collectively to analyze and solve problems of a scientific nature. Topics covered will include motion, dynamics, energy, behaviour of light (waves/optics) and modern physics (special relativity and nuclear physics). Analysis and explanation of concepts is emphasized - memorization is minimal. Those with Math averages less than a C+ should contact the Physics teacher before registering. The course emphasizes the continued development of the core competencies of critical thinking, communication, and personal and social responsibility. A deposit is required for use of the course workbook.

SCIENCE FOR CITIZENS 11 (MSCCT11)

The big ideas in this course include scientific processes and knowledge, how science and technology impacts places of employment, and how science allows us to respond and adapt to change. The course allows students to explore the relationships between science and technology, as well as gain an understanding of the related social and environmental considerations. The course emphasizes the continued development of the core competencies of critical thinking, communication, and personal and social responsibility. A deposit is required for use of the course workbook.

ANATOMY AND PHYSIOLOGY 12 (MATPH12)

Recommended: Prior completion of Life Sciences 11 and/or 75% in Science 10

Anatomy and Physiology 12 is a senior science course that focuses on homeostasis, gene expression, and organ systems. The course provides the student an opportunity for in-depth learning about cell and human biology. The fetal pig dissection highlights the laboratory portion of the course. The course emphasizes the continued development of the core competencies of critical thinking, communication, and personal and social responsibility. Regular studying and review of concepts is required in order to fully enhance the learning and enjoyment the extensive course content. A deposit is required for the course workbook.

CHEMISTRY 12 (MCH--12)

Recommended: Minimum 60% in both Chemistry 11 and PreCalculus 11

This challenging course examines five topics in detail: Reaction Kinetics, Dynamic Equilibrium, Solubility Equilibria, Acids, Bases and Salts, and Electrochemistry.

The course emphasizes the continued development of the core competencies of critical thinking, communication, and personal and social responsibility. Students will utilize the skills acquired in Chemistry 11 and in previous Math courses to solve a variety of problems during class and laboratory sessions. A strong foundation in Mathematics and Science and a personal commitment to hard work are required to succeed in Chemistry 12. A deposit is required for use of the course workbook.

PHYSICS 12 (MPH--12)

Recommended: Minimum 60% in both Physics 11 and PreCalculus 11

Most topics covered in Physics 11 are re-analyzed in more depth and detail (e.g. vector analysis is used for all non-scalar topics). The course emphasizes the continued development of the core competencies of critical thinking, communication, and personal and social responsibility. Big ideas in this course include measurement of motion, linear and circular motion, forces and energy interactions within fields, and momentum.

Frequent reference must be made to an organized set of Physics 11 notes. The breadth of content in Physics 12 requires a fast pace in class and home work. Students should be prepared to add to and improve study skills learned in completing Physics 11 successfully. A deposit is required for use of the course workbook.

SOCIAL STUDIES

Students in grade 9 & 10 are required to have a Social Studies 9 or 10 as part of their course programming. Below are the course descriptions, along with the one junior elective offered by the Social Studies Department.

SOCIAL STUDIES 9 - REQUIRED (MSS--09)

Social Studies 9 includes Canadian and North American history from the 1700s to Canadian Confederation, with an emphasis on the exploration, settlement and economic development of trade in North America, an early history of Canada to the 19th century, and Canadian economic geography including ties with the Pacific Region and Asia. In addition, Grade 9 geography includes the physical and political geography of Canada and North America, and advances students' skills in various areas of Geography such as mapping and location skills, and concepts including glaciation, volcanism, and climate. Key ideas include nation building, economics, relations between European settlers and the First Peoples, and resource use.

SOCIAL STUDIES 10 – REQUIRED (MSS--10)

Social Studies 10 looks at contemporary Canada in the 20th Century and beyond. Its three major units include: Canadian Government, History of Contemporary Canada, and Geography in a Canadian context. Canadian Government includes the political, electoral, and legal systems of Canada, First Nations and self-government, the Canadian Constitution and the Charter of Rights and Freedoms, as well as human rights. History of Contemporary Canada looks at the evolution and issues of Canada domestically as well as internationally as the country creates its identity in the 20th Century and continues to evolve today. The Geography Unit examines issues in population, living standards, economic development, globalization and global environmental issues and Canada's role in these. Key concepts include the idea of a national identity, political autonomy, international relations and international conflict vs. cooperation.

LEADERSHIP 10 – ELECTIVE (YHRA-OA)

Open to all students in grade 9 or 10 upon counsellor/teacher referral and required for all JO Mini School students entering their grade 9 year. This course is designed for students seeking meaningful involvement and engagement in their school and community at large. Students will be given opportunities to take on roles of responsibility and to apply principles, theories and strategies covered in class, with the goal of empowering students to engage their peers and demonstrate positive and responsible citizenship in creating a positive impact on their surroundings. Students will be involved in the planning and organization of various school and community events, with service and volunteerism a vital course requirement. A significant portion of assessment will be based on students' practical work and documentation in a portfolio format.

Students in grade 11, 12 are required to have at least one Social Studies 12 course as part of their graduation program in their grade 11 or 12 year.

SOCIAL STUDIES SENIOR ELECTIVES

The senior elective courses below are offered through the John Oliver Social Studies Department; they involve a diverse approach designed to emphasize the Core Competencies outlined in the BC Curriculum and place an emphasis on acquiring and developing key thinking skills built around six major historical and geographical thinking concepts: significance, evidence, continuity and change, cause and consequence, perspective, and ethical judgment. While the Social Studies curriculum focuses on topics from the disciplines of history, geography, political science, and economics, Social Studies electives may also connect areas across the humanities and social sciences, such as archeology, philosophy, and anthropology.

20th Century WORLD HISTORY 12 (MWH--12)

Topics to be covered may include the 20TH Century rise and rule of authoritarian regimes; civil wars; independence movements and revolutions; human rights movements; religious, ethnic, and/or cultural conflicts; global conflicts, including World War I, World War II, and Cold War; human migrations, and territorial boundaries; interdependence and international cooperation; social and cultural developments; mass consumption and production of communication and transportation technologies.

ASIAN STUDIES 12 (MASIA12)

COMPARATIVE WORLD RELIGIONS 12 (MWRL-12))

Topics covered may include Asia's physical geography, including resource distribution and physiographic features; Asia's human geography, including demography, migration, urbanization, and environmental issues; the industrialization, globalization, economic systems, and distribution of wealth and resources in Asia; international interdependence and cooperation; the development, structure, and function of political and social institutions in Asia; social and political movements, including human rights initiatives in Asia; local, regional, and global conflict; local, regional, and national identities; definitions of culture and how these have changed over time; elements of culture and cultural expressions; conflict and conflict resolution within and between cultures; systems of power, authority, and governance; role of value systems and belief systems; interactions and exchanges between cultures; interactions between cultures and the natural environment; characteristics of religion, mythology, and spirituality; core beliefs, practices, and ethics of world religions, including spirituality in First Peoples cultures; approaches to doctrines or belief systems; institutional and social structures; sacred texts, traditions, and narratives; art, architecture, narratives, and other forms of expression; relationship between religion and government

SOCIAL JUSTICE 12 (MSJ--12)

BC FIRST PEOPLES 12 (MBCFP12)

CONTEMPORARY INDIGENOUS STUDIES 12 (MINST12)

GENOCIDE STUDIES 12 (MGENO12)

Topics to be covered may include oral histories, traditional territories and relationships with the land of the BC First, impact of historical exchanges of ideas, practices, and materials among local BC First Peoples and with nonindigenous peoples; governmental policies and practices that have affected, and continue to affect, BC First Peoples; responses to colonialism; role and significance of media in challenging and supporting the continuity of culture, language, and self-determination of BC First Peoples; commonalities and differences between traditional and contemporary BC First Peoples governance systems; contemporary challenges facing BC First Peoples; the varied identities and worldviews of indigenous peoples, and the importance of the interconnection of family, relationships, language, culture, and the land; factors that sustain and challenge the identities and worldviews of indigenous peoples; the resilience and survival of indigenous peoples in the face of colonialism; community development, partnerships, and control of economic opportunities; responses to inequities in the relationships of indigenous peoples with governments in Canada and around the world; restoring balance through truth, healing, and reconciliation in Canada and around the world; various theoretical frameworks, interpretations, and concepts of social justice; connections between self-identity and relationship to others in society; past and present social injustices in Canada and in the world, their causes and impact on individuals, groups, and society; roles of governmental and nongovernmental organizations in issues of social justice and injustice; processes, methods, and approaches used to promote social justice; origins, development and conditions of the term “genocide”; mass violence and atrocities in different global regions; strategies and technology used to commit genocide; recognition of and responses to genocides; movements that deny the existence of or minimize the scope of genocides; evidence used to determine genocides; international law and enforcement.

PHYSICAL GEOGRAPHY 12 (MPGEO12)

HUMAN GEOGRAPHY 12 (MHGEO12)

URBAN STUDIES 12 (MURST12)

Topics to be covered may include features, processes and effects on human and natural systems of: plate tectonics, gradation, and natural disasters; climate, weather, and interactions between humans and the atmosphere; characteristics of global biomes, including climate, soil, and vegetation; natural resources and sustainability; demographic patterns of growth, decline, and movement; relationships between cultural traits, the use of physical space, and impacts on the environment, including First Peoples cultures; global agricultural practices; industrialization, trade, and natural resource demands; increased urbanization and influences on societies and environments; relationships between natural resources and patterns of population settlement and economic development; political organization of geographic regions; urbanization as a global phenomenon; historic settlement patterns in urban centres; local and regional governance in BC and relationships with other levels of government; functions of local and regional government; urban planning and urban design; decision making in the planning of cities and regions; and contemporary issues in Urban Studies.

LAW STUDIES 12 (MLST-12)

Topics to be covered may include key areas of law such as criminal law, civil law, and family law; foundations of Canadian law; structures and powers of the federal and provincial courts and administrative tribunals; the Canadian Constitution and Charter of Rights & Freedoms; legislation concerning First Peoples; the role of the judiciary as a constitutional check on legislative power; Canada's correctional system; children and youth legislation; legal resources and services; structures and roles of global dispute resolution agencies.

POLITICAL STUDIES 12 (MPLST12)

PHILOSOPHY 12 (MPHIL12)

ECONOMIC THEORY 12 (MECT-12)

Topics to be covered may include methods of reasoning and argument; metaphysical theories about the nature of reality and ontological theories of being; theories about knowledge and truth; theories of justice, freedom, morality and ethics; economic theories of value, growth, and distribution; classical economic thought on money, banking, and policy; Marxist economics and neoclassical economics and the role of markets; Keynesian theory of money, investment, cycles and neoclassical synthesis and contemporary economic thought; the structure and function of Canadian and First Peoples political institutions; major ideologies, political systems, election processes and electoral systems; role of mass media in democratic societies; power relationships between citizens, government, and other bodies in the creation of public policy; issues in local, regional, national politics in Canada; issues in global politics, such as security, conflict management, development, and sustainability.

PSYCHOLOGY 11 (YPSYC1A)

Psychology 11 is a locally developed course and is designed to introduce students to the scientific study of the behaviour and mental processes of human beings. Students will come away with increased respect and understanding of their own behaviour and that of others. Using interactive and engaging experiments, students will examine, study and come to understand various aspects of this field. Emphasis is placed on understanding personality characteristics, researching behaviour, brain functioning, as well as critical thought on stigmas and stereotypes in the area of psychological disorders. Topics may include personality development, psychological disorders, the concept and processes of learning, social psychology and perception. Students will learn to critically think about human behaviour and communicate their ideas about the many complexities of that behaviour.

This course does not count as a Social Studies 11 or 12 graduation credit. It does count as a grade 11 elective credit.

J.O. DIGITAL IMMERSION MINI SCHOOL

SCHEDULE OF COURSES BY GRADE

YEAR 1-GRADE 8

Digital Immersion/IDS 8

Basic Care of Computers, Rules of Engagement, Digital Citizenship and Social Media, Blogging, Canva, Stop Motion Studio, YouTube, Coding with Snap!, Independent Directed Studies IDS Project Proposal, IDS Content Creation Time, IDS Presentation, Critical Reflection)

Mini English 8

Mini Math 8 – will begin with review fractions, integers, per cents then go to math 9 Mini Physical Education 8

Mini Science 8

Mini Social Studies 8

YEAR 2-GRADE 9

Physical & Health Education/Information Technology 9

Social Media and professional web presence, Media Literacy, Imagery, Audio tools, Film Production, Independent Directed Studies, IDS Project Tuning, IDS Content Creation Time IDS Presentation, Critical Reflection Leadership 10
(see *Social Studies Department Page 30 for course description*)

Mini English 9

Mini Math 10

Mini Science 9

Mini Social Studies 9

YEAR 3-GRADE 10

Digital Immersion/IDS 10

Film Studies (cinematography, mis-en-scene, film creation with audio, video and adobe after effects), Coding with Python, Big Idea - Challenge-based learning, Independent Directed Studies, IDS Project Proposal, IDS Content Creation Time, IDS Presentation, Critical Reflection

Mini English 10

Mini Math 11

Mini Science 10

Mini Social Studies 10

YEAR 4-GRADE 11

Digital Immersion/IDS 11

Independent Directed Studies - Through working independently on a passion project over the course of a year, students will gain understanding in communicating about their learning and presenting it. They will be required to blog about their learning processes and meet regularly with their teacher and peers to discuss their learning. Through this, they will gain insight into their own metacognition and learning patterns. Other activities include community connections (volunteer work) and career explorations.

Mini English 11

Mini Math 12

Electives as per student choice

*As part of the graduation program, all students are required to take one Social Studies 12 elective course in their grade 11 or grade 12 year.

YEAR 5-GRADE 12

Digital Immersion/IDS 12

Social Media and professional web presence, Learning Legacy Project/Challenge Based Learning, 2 x IDS Minor Project, Internship/Work Experience, IDS Major Project, Or double Major Project in lieu of 2 minor projects, Or yearlong project aligned with a provincial examinable course. Challenge exam

Geography 12 – (see course information under Socials Studies courses)

Mini English 12

Electives as per student choice

Independent Directed Studies 12 – (Professional web presence, Blogging, Learning Legacy Project/Challenge Based Learning, Independent Directed Studies, IDS Major Project, Volunteer/Work/Community Involvement, a focus on life after Secondary School (Information about applications to University/College, student loans, and cost of living.

STUDENT SERVICES

COMMUNITY SERVICE 11 (YCPM-1D)

Prerequisite: Acceptance by a teacher/department

Successful completion of Grade 11, regular attendance and demonstrated responsibility are necessary. Students provide assistance in the Library, Career Centre, Counselling Centre, Office, and to individual teachers.

PEER TUTORING 12 (YIPS-2B)

Prerequisite: Acceptance by application

This course is for students who get satisfaction from helping others achieve their potential and for students who are interested in pursuing careers that involve working with people. Peer Tutors meet with classroom teacher to gain understanding of requirements for peer tutoring in that subject area.

The Peer Tutoring program objectives are:

To provide tutoring under the supervision of a classroom teacher on a one-to-one or small group basis to students having difficulties with their studies.

To develop leadership skills and ability to assume responsibility.

To develop interpersonal and communication skills.

To study different learning styles and behaviours and to apply this learning to become effective tutors.

To provide tutoring support in the learning commons.

Requirements to be a Peer Tutor:

Satisfactory academic achievement.

Good citizenship and role model.

Good attendance record.

A desire to help others achieve.

Peer Tutors are chosen through an application process. An interview by classroom teachers may be required. Please see your Counsellor for an application form.

PEER COUNSELLING (YIPS-2C)

Peer counsellors are trained to help other students, usually junior students. Consider applying if you are responsible, self-motivated, caring, interested in helping people and willing to try new experiences. Peer Counsellors are interested in serving other students, wish to improve their communication skills, and understand the importance of their position as role models. The required training sessions are held off timetable. Students also need to be available at other times outside of school time to meet with students and attend events. Peer Counsellors are chosen through an application process. An interview may be required. See Ms. Alvares or your counsellor for an application form.

SKILLS DEVELOPMENT AND LEARNING STRATEGIES (XLD09/YLE-OA/YLE—1A/YLE—2A)

Prerequisite: Teacher and/or Counsellor Recommendation

This course is for students who need assistance to be successful in their studies. Students will receive instruction aimed at identifying specific learning and organizational strategies to support their work in their other classes. Specific areas of skill development will include reading and listening skills, note-taking, test-taking strategies and time management. Tutorial support in the content areas of English, Social Studies, Science and Mathematics will allow students to apply these strategies. Grade 11 and 12 students should select the Learning Strategies 11 and 12 courses for 4.0 credits (YLE11 and YLE12).

LIBRARY SERVICES 11 (YBMO-1B)

Students in grades 11 and 12 that have credit for Community Service or are enrolled in Community Service, may take Library Services 11. The course refines C.S. skills specifically for application in the library. In the course, students acquire the attitudes and skills directly transferable to work and community settings. Students develop the ability to work independently and complete self-directed tasks, as well as discerning when to seek assistance and collaboration. Attention to detail and a desire to develop leadership are necessary attributes of students taking the course.



Adult Education

The Vancouver Board of Education operates two Adult Education (AE) centres in Vancouver, South Hill Education Centre and the Gathering Place Education Centre. AE centres provide students with a wide choice of learning opportunities that range from the basic literacy level (Ministry Foundations courses, Levels 1-7) to high school completion. The Foundations courses help students develop or strengthen specific core skills needed for successful completion of Grade 10/11/12 courses, and senior academic credits lead to high school completion or allow students to gain or upgrade Grade 10/11/12 credits. All courses, both Foundations and Grade 10/11/12, follow prescribed Ministry curriculum. Adult Education also runs one Foundations level outreach program at Britannia Secondary in partnership with Canuck Family Education Centre, and one senior academic credit youth program located at South Hill Education Centre.

To meet student needs for flexible programming, centres offer courses from early morning to evening, including Saturdays and operate year round:

- Quarter (9 week terms; beginning 4 times a year; Sept., Nov., Feb., Apr.)
- Semester (18 week terms; beginning 2 times a year; Sept. and Feb.)
- Summer term (5 week term)

Depending on student needs, AE centres provide a variety of course formats which may include:

- Self-paced courses (blended paper-based instruction with face-to-face assistance) from Foundations to Grade 10-12 courses – Gathering Place and South Hill Education Centre
- Structured courses at the Foundations and Grade 10/11/12 levels – South Hill Education Centre

Students at our AE centres reflect the diversity of language and cultural backgrounds in Vancouver and range in age from 16 to seniors. Each of the centres responds to the specific needs of its community and program offerings reflect student course requests and enrollment patterns. Please note that students attending adult centres must be 16 years old (on July 1 of the current school year) and follow MOE course concurrency rules to be eligible for Ministry funding.

- Gathering Place Education Centre Tel: (604) 257-3849 <http://go.vsb.bc.ca/schools/adulted>
- South Hill Education Centre Tel: (604)713-5770 <http://go.vsb.bc.ca/schools/adulted>



The Vancouver Learning Network is designed to provide opportunities for students to complete secondary school courses in a flexible manner. The program provides a comprehensive selection of quality secondary courses that are delivered largely through asynchronous and self-paced approaches. These courses may replace those in the student's local school, be in addition to their school program, or be a program of full-time studies at VLN.

Course Offerings at the Vancouver Learning Network (VLN)

VLN offers a full program of courses from Grade 8-12. Courses of particular interest to students may be those which the home school cannot offer or timetable:

📖 Japanese	📖	Writing	📖	Entrepreneurship
📖 Korean	📖	Literature	📖	Science Fair
📖 Social Justice	📖	Civics	📖	BC First Nations

A unique course across all subject areas is Independent Directed Studies, a course which allows students to pursue a topic of interest under the mentorship of a teacher and other experts.

Frequently Asked Questions

1. When can I register?

VLN is a 12 month school, with a Fall/Winter session and a Spring/Summer session. Registration can be done throughout the year.

2. Do VLN courses count for graduation and university entrance?

Yes, all courses are accredited by the Ministry of Education, accepted by colleges and universities and are taught by Vancouver teachers.

3. What does it cost?

Courses are tuition-free for all students (except International). Occasionally, students will be required to pay book deposits. These deposits are refundable.

4. How long do I have to finish a course?

Students start and finish at all times of the year. The timeline for completion is determined by student needs. For example, if a student intends to graduate in June, he/she must be finished all coursework and exams in June.

For more information and a complete course list, please visit the VLN website at <http://vln.vsb.bc.ca>

**** Limited spots available – must contact Career Programs office in the school year prior to program**

CAREER PROGRAMS

Youth TRAIN in Trades Programs:

The Vancouver School Board offers district programs for students to pursue industry certification or the foundation level of a trade program. These programs save time and money (free tuition) and offer a huge jump start for students.

The benefits include:

- Dual credit with post-secondary institution (most programs)
- Head start with Foundation program training
- Registration with the Industry Training Authority (ITA)
- Potential direct lead into an apprenticeship
- Work experience in the trade.

For more information and an application form, please visit the VSB Career Programs website careerprograms.vsb.bc.ca links to Youth TRAIN in Trades, a pdf brochure for each program, and the application package. Also visit the Industry Training Authority website: www.itabc.ca. All students *applying* for Youth TRAIN in Trades programs should register at their home school with a full course load. Schools will be asked to modify a student's timetable if the student is accepted into a Youth TRAIN program.

Certification: successful completion of program will lead either to Level 1 technical training credit or a Certificate of Qualification from the Industry Training Authority.

Program	Where the program is taught	Credits towards graduation program	Timetable	Application Due	Month program begins
Auto Refinishing Preparation	VCC	20 credits	Monday - Thursday 8:00 am - 3:00 pm	November 30	February
Auto Collision Repair Technician	VCC	28 credits	Monday - Thursday 8:00 am - 3:00 pm	March 1	September
Auto Service Technician	Britannia	16 credits	Day 2	March 1	September
Baking and Pastry Arts	VCC	24 credits	Monday - Thursday 1:00 pm - 7:15 pm	November 30	August
Carpentry	BCIT	16 credits	February - June Monday - Friday	March 1	February
Cook	Sir Charles Tupper (priority to SCT students)	16 credits	Day 2	March 1	September
Cook	David Thompson	16 credits	Day 2	March 1	September
**Electrical	BCIT	16 credits	March or October Monday – Friday	March 1	March or October (additional intakes may be possible)
Hairdressing	VCC	32 credits	Monday - Friday	March 1	September
** Heavy Mechanical Trades	VCC – Annacis Island	32 credits	Monday - Thursday 36 weeks	Ongoing	April, July, Sept & Nov
Plumbing	Piping Industry College of BC	4 credits	Mid-June to late July	March 1	June
Painting	Finishing Trades Institute of BC	4 credits	Mid-June to late July	March 1	June
** Millwright	BCIT	20 credits	Monday - Friday	March 1	February
** Motorcycle & Power Equipment	BCIT	20 credits	Monday - Friday	March 1	February
** Metal Fabrication	BCIT	20 credits	Monday - Friday	March 1	February

DUAL CREDIT PROGRAMS

These programs, in partnership with post-secondary institutions, provide the opportunity for students to get a head start on their certification programs. Students save money (free tuition) and earn high school and post-secondary credits at the same time.

Healthcare Assistant (Grade 12)

Students will prepare to work as front line caregivers in home support, adult day care, assisted living, and complex care (including special care units).

- 28 weeks (September to March)
- 28 graduation credits
- Vancouver Community College

Additional information and application form can be found on the VSB Career Programs website at careerprograms.vsb.bc.ca → [Our Programs](#) → [Healthcare Assistant](#)

Application Due Date: November 30

Trades Sampler BCIT (Grade 12)

A hands-on program through BCIT that gives students an overview in approximately 12 different trades including metal fabrication, welding, framing, and electrical.

- 12 weeks – February to May
- Monday to Friday, 7:00 am – 2:00 pm
- 12 graduation credits
- BCIT

Additional information and application form can be found on the VSB Career Programs website at: [→ Our careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) [Programs](#) → [Trades Sampler BCIT](#)

Application Due Date: March 1

Youth WORK in Trades - Apprenticeship

Students with the skills and connections can start an apprenticeship in high school. Students who are already working in an apprenticeable trade can formalize the apprenticeship relationship with their employer. There are 4 courses (16 credits) available to these students when they have a formal ITA agreement arranged through the VSB District Apprenticeship Facilitator. Information and application forms are available on the VSB website: careerprograms.vsb.bc.ca → [Our Programs](#) → [Youth WORK in Trades](#)

SCHOOL-BASED PROGRAMS

Fashion Design and Technology – Eric Hamber

Students will enhance their construction skills; study history of costume, fashion merchandising; practice tailoring techniques and pattern drafting. Basic computer assisted design and fashion illustration will be practiced. In year 2, students will complete the graduation collection and portfolio needed for post-secondary entrance. Students may have the opportunity to participate in dual credit opportunities with a Fashion Design Program at a local post-secondary institute.

- Two-year cohort program: grade 11 & 12
- Every other day (Day 1 or Day 2)

Additional information and application form can be found on the VSB Career Programs website at: careerprograms.vsb.bc.ca → Our Programs → Fashion Design & Technology

Application Due Date: March 1

IT and CISCO Networking Program – Killarney Secondary

Students will diversify and enhance their computer knowledge by building a computer, installing software and connecting the computer to networks and to the internet.

- Grade 12
- Day 2
- One-year cohort program, up to 16 credits
- Hands-on, laboratory courses
- Prepare for industry-recognized certification
- Receive advanced placement at BCIT

Additional information and application form can be found on the VSB Career Programs website at: careerprograms.vsb.bc.ca → Our Programs → CISCO

Application Due Date: March 1

Tupper Tech - Explore Trades Sampler Program at Sir Charles Tupper Secondary

A program for students who are not sure which trade is right for them.

- Day 2
- Students may be able to remain registered @ home school Day 1
- 24 graduation credits
- Grade 12 program

For more information on Tupper's program, contact Mr. R. Evans (rtevens@vsb.bc.ca) or visit our Program website: careerprograms.vsb.bc.ca → Our Programs → Tupper Tech

Application Due Date: March 1

Enhanced Trades – Killarney Secondary (Grade 11)

A program designed as an introduction to a variety of trades courses which include Automotive Technology 11, Drafting 11, and Metalwork 11.

- Day 2
- Students remain at home school for Day 1
- 12 to 16 credits
- Grade 11 program

Additional information and application form can be found on the VSB Career Programs website at: careerprograms.vsb.bc.ca → Our Programs → Enhanced Trades

Application Due Date: March 1