



SOUTHERN OKANAGAN

COURSE OFFERINGS

SECONDARY SCHOOL

2018-19

GRADE 8

ENGLISH 8

The English language arts 8-12 curriculum provides a framework for students to experience language in its full range of contexts and purposes. The framework allows students to use language to communicate their ideas through a variety of print and non-print media, and to understand and draw conclusions from communications, whether written, spoken, or displayed visually. Language knowledge and skills are taught within the context of the six language arts processes of speaking, listening, writing, reading, viewing, and representing. As students progress through the grade levels, the communication processes and materials used become more complex, and students are expected to produce increasingly sophisticated work. Students also explore Canadian and world literature as a way of understanding their literary and multicultural heritage.

SOCIAL STUDIES 8

SCIENCE 8

The purpose of the Junior Science program is to develop skills in critical thinking, scientific inquiry, writing in a scientific manner and lab safety. The following topics will be covered: cell theory and types of cells, photosynthesis and cellular respiration, micro-organisms, KMT theory, atomic theory and models, electromagnetic radiation, light, plate tectonics and the layers of the earth.

MATH 8

All students are required to take Math 8. The following topics will be covered: perfect squares and cubes, square roots and cube roots, percents, proportional reasoning, fractions, linear relations, expressions, two-step equations, surface area and volume, Pythagorean Theorem, central tendencies, theoretical probability and finances. This course focuses on student's computational and critical thinking skills.

PHYSICAL EDUCATION 8

FRENCH 8

This is an introductory course to French using a new and innovative approach through the use of story telling, story writing and acting. Through short stories, conversations and dialogues students will acquire high frequency vocabulary. French culture will be explored.

OKANAGAN 8

ROTATION COURSES

ADST: FOODS 8

ADST: HEALTH AND CAREERS 8

ADST: INFORMATION TECHNOLOGY 8

ADST: LEADERSHIP 8

ADST: MEDIA ARTS 8

ADST: ROBOTICS

ADST: WOODWORK 8

ADST:METAL 8

ART 8

DRAMA 8

BRIDGES 8-12

The Bridges program is an alternate program that supports students who are facing behavioural challenges that are interfering with their progress in school. Students placed in the program are those for whom other interventions have not been successful. The program teacher, Mr. Rachinski, and youthcare worker, Sandy Fritz, assist students in reaching a level of social and academic responsibility that enables the student to gradually reintegrate into the regular program. Students will be enrolled in academic and elective courses as appropriate and provided the opportunity to work on their core academic subjects.

LEARNER SUPPORT 8-9

Learning Support is provided to students who may need extra learning support to help them with their success in school. Learning Support teachers and EAs work with both students and classroom teachers. Students may be pulled out of a class for 1-on-1 or small group instruction for 20-30 minutes, 3 times a week as needed. During this time, students will be taught learning strategies to improve numeracy skills, reading strategies, reading comprehension, writing strategies, and organization strategies. Students may also receive assistance on tests as needed.

GRADE 9

ENGLISH 9

In this course students will explore and respond to a variety of media, including stories, poetry, plays, novels and nonfiction. The course focuses on how texts are constructed, how they may influence us personally and socially, and the diverse ways we may respond to them. Students will focus on developing their:

- ability to comprehend and connect with texts,
- critical and creative thinking skills in response to texts, and
- writing, speaking, and representing skills.

SOCIAL STUDIES 9

SCIENCE 9

The purpose of the Junior Science program is to develop skills in critical thinking, scientific inquiry, writing in a scientific manner and lab safety.

MATH 9

Mathematics 9 furthers students understanding of previous concepts in Number, Computational Fluency, Continuous Linear Relationships, Spatial Proportional Relationships and Data analysis. Students will work on developing there reasoning, analyzing, communicating, reflecting and problem solving skills while making connections that deepen their understanding of Mathematics.

MATH 9W

Math 9 Workplace is designed for students who have traditionally struggled with math and are planning on taking Workplace Math 10. Workplace 9 reviews many of the basic math concepts, and works to improve engagement in math. Students should consult with their grade 8 math teacher to determine if Workplace Math 9 is the appropriate choice for grade 9 math.

PHYSICAL EDUCATION 9

FRENCH 9

As a continuation of French 8, students will continue to acquire language through the use of story telling, story writing and acting. Stories will be told and written in the past tense as well as the present. French culture will be explored. Students will be encouraged to communicate as much as possible in French.

SPANISH 9

This is an introductory course to Spanish using a new and innovative approach through the use of story telling, story writing and acting. Students will use simple sentences to express ideas orally and in written form. Through short stories, conversations and dialogues students will share information about activities and interests. Hispanic countries and cultures will be studied through short readings and audio/visual materials.

OKANAGAN 9

EPIC 9 (16 CREDITS)

EPIC (Experiential, Project-Based, Indigenous, and Community) is an inclusive program designed to engage students in a variety of challenging learning experiences. The program emphasizes project-based, experiential learning for all students who will come to understand the First Nations Principles of Learning. EPIC takes place in a variety of venues including the backcountry, community venues and school. Learning occurs through group discussion, group and individual projects, outdoor pursuits, skill development sessions and peer teaching. Hands on learning will focus on the four courses: Information Technology, Physical Education, English 9, English First Peoples 10 and Woodwork, delivered in a cross curricular model. Upon completion of the EPIC program, students will receive 16 credits for the above mentioned courses along with an invaluable learning experience in high school.

Activities May Include:

- Winter Survival Camping
- Learning How to Make Traps and Fishing
- Canoe Paddle Construction
- Making Snowshoes and Snowshoeing
- Canoe Safety
- Orienteering
- Mountain Biking
- Taking Part in a Sweat
- Hiking in Local Traditional Areas
- Making Spittle Digging Sticks"

ADST: DRAFTING 9

Students will learn the basic fundamentals of drafting, its purpose and importance and society and rules it follows. This is an introductory course in which students will learn the basic principles, and gain skills in technical drawing. Students will learn how to use a CAD program (computer assisted design) to complete a variety of metric, imperial, and mechanical drawings. Drafting concepts covered will include multi-view, dimensioned, pictorial and working drawings. This course is an essential skill for any students interested in the areas of; graphic arts, engineering, home design, interior design, technical-, vocational-, or trades-architecture.

ADST: ELECTRONICS AND ROBOTICS 9

Students will learn the fundamentals of electronics, design and building concepts. Component identification and circuit structure for electronics will also be learned. This will translate into challenges where students will design and build robots for various challenges. Further progress will lead into programming skills and ultimately creating autonomous robots.

ADST: ENTREPRENEURSHIP AND MARKETING 9

Are you looking to explore the world of business? Determine your market, evolving consumer needs and wants and the role of online technologies in creating your own start up business.

ADST: FOOD STUDIES 9

Learn the basics of cooking as well as food safe knowledge to keep you safe. Learn how to use the utensils of a kitchen while making edible treats. Put together full meals by understanding the nutrition your body needs to stay healthy.

Learn to cook from scratch while managing a food budget. Students entering into Foods 9/10 must be aware that the foods room is a certified food safe environment. All students must maintain commercial food safe standards at all times. This includes impeccable hygiene, hair nets, dish washing and sanitization etc.

ADST: INFORMATION TECHNOLOGY 9

Ready to get to the guts of computer studies? Hardware, software, operating systems, networks and the list goes on. With the principles of computational thinking you will be planning and writing simple programs of your own using computer programming concepts and constructs.

ADST: MEDIA ARTS 9/ Photography

Learn to take better pictures using digital cameras and phones. Learn to use different composition and lighting techniques to enhance the interest and creativity of your photos. Work with photo shop and other photo manipulation software to create a variety of digitally enhanced images. Spend lots of time outside of the classroom taking pictures throughout the school and in our community. Students in this course will create and maintain a digital portfolio and have multiple opportunities to share their best work with the class during regular critiques.

ADST: MEDIA DESIGN 9

ADST: METALWORK 9

Students will explore their creativity using metal and metal work techniques to create a variety of artistic creations. Students are expected to make a sheet metal project, welding rod project and casting project. Examples of such projects are candles holders, display models and artistic 3D pictures

ADST: POWER TECHNOLOGY 9

Students will learn about the small motor internal combustion engine. Areas such as the 4 cycles, carburetion, basic hand tools and measurement will be covered. Students will disassembly and reassemble a small motor to make it run. Students are encouraged to bring in their own motors.

ADST: TEXTILES 9

Learn the basics of hand and machine sewing, while making boxer shorts and other projects. Learn skills that will last you a lifetime. Make your own pencil case and letter pillow while learning the techniques of sewing. Challenge yourself with a project requiring advanced skills – zippers, darts, pleats, etc.

ADST: WOODWORK 9

Students will learn and practice basic woodworking skills, woodworking safety, measurement, layout skills and drafting orthographic and isometric drawings. Projects include but are not limited too; candle holder, wooden tool box, picture frame and birdhouse

DRAMA: IMPROV 9

This two-credit course will promote enjoyment and appreciation for all aspects of theatre. Classwork will focus on teamwork, cooperation, group work and theatre skills. In this class, students will explore aspects of improvisation such as theatre sports, games, scene work and play building

DRAMA: CHARACTER DEVELOPMENT 9

This two credit course will provide opportunities for students to explore dramatic forms and techniques. Students will create, perform, discuss and analyse drama. Students in this course will focus on the development of character through monologue, script work and play production.

VISUAL ART: CERAMICS AND SCULPTURE 9

In this hands on course you will create a variety of art projects using clay, papier-mâché, sculpey, and other sculpture media. Bring your creativity and express yourself visually. Learn new techniques. Bring your ideas to life!

VISUAL ART: DRAWING AND PAINTING 9

Students will learn the basics of drawing and painting using a variety of different media. Students will create large drawings, acrylic and watercolour paintings and practice their drawing skills in their sketchbooks.

BRIDGES 8-12

The Bridges program is an alternate program that supports students who are facing behavioural challenges that are interfering with their progress in school. Students placed in the program are those for whom other interventions have not been successful. The program teacher, Mr. Rachinski, and youthcare worker, Sandy Fritz, assist students in reaching a level of social and academic responsibility that enables the student to gradually reintegrate into the regular program. Students will be enrolled in academic and elective courses as appropriate and provided the opportunity to work on their core academic subjects.

LEARNER SUPPORT 8-9

Learning Support is provided to students who may need extra learning support to help them with their success in school. Learning Support teachers and EAs work with both students and classroom teachers. Students may be pulled out of a class for 1-on-1 or small group instruction for 20-30 minutes, 3 times a week as needed. During this time, students will be taught learning strategies to improve numeracy skills, reading strategies, reading comprehension, writing strategies, and organization strategies. Students may also receive assistance on tests as needed.

GRADE 10

ENGLISH 10: Literary and Composition Studies 10

English 10 is comprised of two areas of focus: enhancing students' understanding of literature and developing their writing skills.

In Literary Studies 10, students will explore literature of various periods that deal with diverse themes. Students may also have opportunities to explore their own areas of interest in the range of literary topics available.

In Composition 10, students will explore and create purposeful compositions that include narrative, expository, descriptive, persuasive, and opinion pieces. Using models of writing types, they will have opportunities to work with others and individually to draft, reflect on, and revise written pieces."

FIRST PEOPLES ENGLISH/ART EFP

EFP ENGLISH 10: SPOKEN LANGUAGE (2) EFP Spoken Language 10 is designed for students who are interested in studying First Peoples' oral traditions and in developing their oral self expression and communication in a variety of contexts. Within a supportive community, students will work individually and collaboratively to develop their writing skills and create coherent, purposeful, and engaging oral texts for a variety of purposes. This area of choice will provide students with opportunities for performance and public speaking.

EFP ENGLISH 10: NEW MEDIA (2) EFP New Media 10 is designed for students who are interested in exploring the increasing importance of digital media in communicating and exchanging ideas. This area of choice provides students with opportunities to think about the use of new media and its effects on individuals and on First Peoples' communities and cultures. Students will work individually and collaboratively to develop skills needed in an increasingly complex digital world as they demonstrate understanding and communicate ideas through a variety of digital and print media.

FIRST PEOPLES ART 10 is a land based course in which students use various art projects as a vehicle to explore their own identity and culture. Students will learn a lot about the Osoyoos Indian Band, as well as other First Nations Cultures. Students in First Peoples art will get to participate in multiple class field trips, meet and engage with local elders and spend lots of time outside of the classroom.

FIRST PEOPLES ENGLISH 10: NEW MEDIA AND SPOKEN LANGUAGE

EFP New Media 10 is designed for students who are interested in exploring the increasing importance of digital media in communicating and exchanging ideas. This area of choice provides students with opportunities to think about the use of new media and its effects on individuals and on First Peoples' communities and cultures. Students will work individually and collaboratively to develop skills needed in an increasingly complex digital world as they demonstrate understanding and communicate ideas through a variety of digital and print media. EFP Spoken Language 10 is designed for students who are interested in studying First Peoples' oral traditions and in developing their oral self expression and communication in a variety of contexts. Within a supportive community, students will work individually and collaboratively to develop their writing skills and create coherent, purposeful, and engaging oral texts for a variety of purposes. This area of choice will provide students with opportunities for performance and public speaking.

SOCIAL STUDIES 10

Global and regional conflicts have been a powerful force in shaping our contemporary world and identities.

The development of political institutions is influenced by economic, social, ideological, and geographic factors.

Worldviews lead to different perspectives and ideas about developments in Canadian society

Historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society .

SCIENCE 10

The purpose of the Junior Science program is to develop skills in critical thinking, scientific inquiry, writing in a scientific manner and lab safety.

FOUNDATIONS AND PRE CALC 10

This course is designed for students who wish to either go into university programs such as Engineering or Sciences or for students who wish to enter into the Arts or Humanities. This course stresses developing mathematical skills such as; thinking strategies, reasoning skills, making connections, estimating, justifying, communication, and exploration. Topics include operations on powers with integral exponents, prime factorization, functions and relations: connecting data, graphs, and situations, linear functions: slope and equations of lines, arithmetic sequences, systems of linear equations, multiplication of polynomial expressions, polynomial factoring, primary trigonometric ratios, and financial literacy: gross and net pay. This course would be followed by either Foundations of Mathematics 11 or Pre-Calculus 11. Please talk with a counsellor to find out which path suits your future.

MATH: WORKPLACE MATHEMATICS 10

This course is designed for students who wish to go directly into the workforce or for entrance into post-secondary trade or technology programs. Topics include: create, interpret, and critique graphs, primary trigonometric ratios, metric and imperial measurement and conversions, surface area and volume, central tendency, experimental probability, and financial literacy: gross and net pay. This course is to be followed up with Apprenticeship and Workplace Math 11.

PHYSICAL AND HEALTH EDUCATION 10

The Physical Education program strives to develop the whole student. It contributes to the physical, intellectual, emotional and aesthetic development of the student.

OBJECTIVES

- to increase self esteem and self concept
- to develop an appreciation of lifetime sports
- to develop a positive attitude toward physical activities
- to increase personal hygiene and physical fitness
- to help increase sportsmanship, cooperation, leadership, responsibility and positive decision making
- to increase skill level

FRENCH 10

As a continuation of French 9, students will interact with the language so they can effectively communicate with others. Oral participation is encouraged daily and students will be expected to take risks, be positive in their efforts and have fun. Students will develop a better understanding of their own language and grow to appreciate their own culture and the culture of others. We will process information in oral, visual and written forms. The class will communicate needs, desires, and emotions, and describe events, and share experiences.

SPANISH 10

As a continuation of Spanish 9, students will interact with the language so they can effectively communicate with others. This year we will be using a new and innovative approach through story telling, story writing and acting. Oral participation is encouraged daily and students will be expected to take risks, be positive in their efforts and have fun.

Students will develop a better understanding of their own language and grow to appreciate their own culture and the culture of others. We will process information in oral, visual and written forms. The class will communicate needs, desires, and emotions, and describe events, and share experiences.

EPIC 10 (16CREDITS)

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- Winter Survival Camping
- Learning How to Make Traps and Fishing
- Canoe Paddle Construction
- Making Snowshoes and Snowshoeing
- Canoe Safety
- Orienteering
- Mountain Biking
- Taking Part in a Sweat
- Hiking in Local Traditional Areas
- Making Spittle Digging Sticks

ADST 10 CULINARY ARTS

Go beyond the basics of cooking and delve into the world of Culinary Arts. In this course students will expand their knowledge of culinary ingredients, food service tools and equipment, as well as culinary arts methodology such as principles of baking, dry and moist cooking, soups, stocks and sauces. Students will also explore First People's food culture and traditions highlighting hunting and gathering practices, foraging, harvest techniques and preservation. Students will also learn more about the professionalism of the Culinary Arts sector including collaborative work, code of conduct in the kitchen and work ethic.

ADST 10: COMPUTER STUDIES

ADST 10: DRAFTING

ADST 10: ELECTRONICS AND ROBOTICS

Students will learn the fundamentals of electronics, design and building concepts. Component identification and circuit structure for electronics will also be learned. This will translate into challenges where students will design and build robots for various challenges. Further progress will lead into programming skills and ultimately creating autonomous robots.

ADST 10: ENTREPRENEURSHIP AND MARKETING

Are you looking to explore the world of business? Determine your market, evolving consumer needs and wants and the role of online technologies in creating your own start up business. Discover how companies spend billions to separate you from your hard earned money and the role business and economics play in your everyday life.

ADST 10: FAMILY AND SOCIETY

Students will learn and define the concept of "family." Students will look at how different facets of society impact the meaning and formation of families. Students will examine family challenges, interpersonal relationships, teen stressors, marriage and wedding in other cultures, as well as living and housing options. There is an emphasis on project based learning, discussion, and exploration of topics.

ADST 10: MEDIA DESIGN

ADST 10: METALWORK

Students will explore their creativity using metal and metal work techniques to create a variety of artistic creations. Students are expected to make a sheet metal project, welding rod project and casting project. Examples of such projects are candles holders, display models and artistic 3D pictures.

ADST 10: POWER TECHNOLOGY

Students will learn about the small motor internal combustion engine. Areas such as the 4 cycles, carburetion, basic hand tools and measurement will be covered. Students will disassembly and reassemble a small motor to make it run. Students are encouraged to bring in their own motors.

ADST 10: WOODWORK

Students will learn and practice basic woodworking skills, woodworking safety, measurement, layout skills and drafting orthographic and isometric drawings. Projects include but are not limited too; candle holder, wooden tool box, picture frame and birdhouse.

ADST10: FOOD STUDIES

Learn the basics of cooking as well as food safe knowledge to keep you safe. Learn how to use the utensils of a kitchen while making edible treats. Put together full meals by understanding the nutrition your body needs to stay healthy. Learn to cook from scratch while managing a food budget. Students entering into Foods 9/10 must be aware that the foods room is a certified food safe environment. All students must maintain commercial food safe standards at all times. This includes impeccable hygiene, hair nets, dish washing and sanitization etc.

DRAMA 10: GENERAL (CHARACTER DEVELOPMENT)

This two credit course will provide opportunities for students to explore dramatic forms and techniques. Students will create, perform, discuss and analyse drama. Students in this course will focus on the development of character through monologue, script work and play production.

DRAMA 10: THEATRE COMPANY (IMPROV)

This two-credit course will promote enjoyment and appreciation for all aspects of theatre. Classwork will focus on teamwork, cooperation, group work and theatre skills. In this class, students will explore aspects of improvisation such as theatre sports, games, scene work and play building

INSTRUMENTAL MUSIC 10: CONCERT BAND

This course continues the study of music through instrumental performance on concert band instruments such as flute, clarinet, saxophone, trumpet, trombone, and percussion. Musical skills are further developed and students are encouraged to explore their musicality. The ability to read music is required.

MUSICAL FUTURES 10

This course is a non-traditional music class where you can learn an instrument and play or sing music of your choice. The emphasis will be on individual and group rehearsal techniques and performance skills. The ability to read music is not required and no prior musical experience is necessary.

FIRST PEOPLES ART 10

First Peoples Art 10 is a land based course in which students use various art projects as a vehicle to explore their own identity and culture. Students will learn a lot about the Osoyoos Indian Band, as well as other First Nations Cultures. Students in First Peoples art will get to participate in multiple class field trips, meet and engage with local elders and spend lots of time outside of the classroom.

VISUAL ART 10: ART STUDIO DRAWING AND PAINTING

Students will learn the basics of drawing by using pencil, charcoal, pen & ink, and pastel. Then paint an acrylic masterpiece. A sketchbook will help you put your thoughts to paper.

Learn to take better pictures using digital cameras and phones. Learn to use different composition and lighting techniques to enhance the interest and creativity of your photos. Work with photo shop and other photo manipulation software to create a variety of digitally enhanced images. Spend lots of time outside of the classroom taking pictures outside, throughout the school and in our community. Work towards a final presentation of your best work from the class.

VISUAL ART 10: SCULPTURE

Create art using clay, papier-mâché, plaster, and other sculpture media. Bring your creativity and express yourself visually. Learn new techniques. Bring your ideas to life!

BRIDGES 8-12

The Bridges program is an alternate program that supports students who are facing behavioural challenges that are interfering with their progress in school. Students placed in the program are those for whom other interventions have not been successful. The program teacher, Mr. Rachinski, and youthcare worker, Sandy Fritz, assist students in reaching a level of social and academic responsibility that enables the student to gradually reintegrate into the regular program. Students will be enrolled in academic and elective courses as appropriate and provided the opportunity to work on their core academic subjects.

LEARNER SUPPORT 10-12

Learner Support is provided to students who may need to improve their organizational and academic skills to help them with their success in school. Learning Support teachers and EAs work with both students and classroom teachers. Students may be pulled out of a class for 1-on-1 or small group instruction for 20-30 minutes, 3 times a week as needed. During this time, students will be taught learning strategies to improve numeracy, reading comprehension, writing strategies, and self-regulation strategies. The overall goal is for students to better understand themselves and advocate for themselves as learners.

GRADE 11

ENGLISH 11

The objectives for the English Department are prescribed in the English Language Arts I.R.P. According to the Prescribed Learning Outcomes, teachers of English are expected to help develop the following skills in their students:

- To anticipate, predict and confirm meaning while reading, viewing, and listening.
- To demonstrate an understanding of written, oral and visual communications.
- To connect personal experience and knowledge with a variety of literary and mass media works.
- To draw reasoned conclusions from information found in various written, spoken and visual communications and to defend these conclusions rationally.
- To apply knowledge of the conventions of language and to use appropriate vocabulary to discuss them.
- To employ a variety of effective processes and strategies, including the use of electronic technology, to generate, gather and organize information and ideas.
- To enhance the precision, clarity and artistry of communications by using processes that professional authors and presenters use to appraise and improve their communications.
- To demonstrate an understanding of and ability to use a variety of forms and styles of communication that are relevant to specific purposes and audiences.
- To use language to explore thoughts, ideas, feelings, and experiences to prepare for a role in the world.
- To use language to interact and collaborate with others to explore ideas and to accomplish goals.
- To use language to help establish and maintain relationships within the school and community, to collaborate to get things done and to value and support others.

BIOLOGY/ENGLISH 11 (8 CREDITS)

Students will receive credit for Biology 11, and English 11. This is an experiential and project based academic program with a focus on the connection between Biology, English and Outdoor Education. The program will focus on exploring ecosystems found in the South Okanagan region and developing an understanding of the environmental challenges facing these ecosystems. In connection with the science aspect of the program, students will develop skills in variety of outdoor pursuits. This is a semester long program that does not follow the traditional school schedule. This program is designed to run during semester 2 of the 2017/18 school year. One group of students will work with one teacher throughout the semester for this course. Please see Mr. Wurflinger for more details. See Mr. Wurflinger or Mr. Baerg for more information.

BIOLOGY 11

Biology 11 is a survey course of the five Major Kingdoms of living organisms. The first section reviews the use of the microscope as a scientific tool as well as the basic principles of taxonomy (classification of living things). The remainder of the course focuses on the five Kingdoms; the characteristics of the organisms and their life processes, using evolution as an underlying theme. Theories of evolution and principles of ecology are also discussed.

CHEMISTRY 11

Chemistry 11 is required for entrance into most medical and science fields at post secondary institutions. It is an introductory course and covers a wide variety of topics in a short period of time. Approximately 50% of the material involves mathematical concepts such as balancing equations, the mole, the mole calculations, and stoichiometry. The remaining 50% is conceptual and includes areas such as the periodic table and organic chemistry. CH 11 recommends that students have a strong understanding of math problem solving.

PHYSICS 11

This course is intended to provide students with an introduction to the discipline of physics. Topics include the study of Kinematics, Forces, Newton's Laws, Momentum, Energy. A combination of the following topics will also be covered: Wave Motion and Geometrical Optics, Special Relativity and Nuclear Fission and Fusion. Students taking Physics 11 require a solid background in academic mathematics (e.g. using formulas, solving equations, graphing, scientific notation). It is recommended that students take MA 11 prior to this course or at the same time. It is also recommended that students have achieved at least a C+ or better in Ma 10 to be prepared to take this course.

ENVIRONMENTAL EARTH SCIENCE 11

Environmental Earth Science 11 focuses on the ecosystems found in the South Okanagan region. Students will develop an understanding of the diversity of the local ecosystems, the processes and changes that are occurring in the local ecosystems, and explore sustainable practices that can be implemented in the region. Conservation and restoration of the local ecosystems is a major theme of the course.

FORENSICS 11

Forensic Science 11 is a course that focuses on giving students a chance to gain and apply knowledge from a variety of disciplines (including history, math, biology, chemistry, physics, earth science, archaeology, anthropology, law, medicine, and professional and technical writing). Forensic Science 11 will expose students to current forensic science methods that are utilized in analyzing crime scenes. This course will include a series of inquiry labs, discussion of case studies, field trips and guest speakers, internet research and practical labs that will allow students to strengthen skills of observation, interpretation, reasoning and formal presentation. Forensics 11 is an elective course that does not meet the BC Science 11 graduation requirement.

SCIENCE AND TECHNOLOGY 11

Science and Technology 11 provides students with opportunities to investigate, analyze, understand, and experience the relationships among science, technology, and human society. It should be noted that this course is intended for those not proceeding to careers or future studies in science.

MATH: APPRENTICESHIP AND WORKPLACE MATH 11

This course is designed for students who wish to go directly into the workforce or for entrance into post-secondary trade or technology programs, examples being Technical College or a Trade School. Topics include: problem solving, surface area, volume and capacity in metric and imperial units, numerical puzzles and games, formula manipulation, personal budget, interest, financial services, working with right triangles, scale diagrams, 2D and 3D objects, slope, and statistics and graphing.

MATH: FOUNDATIONS OF MATHEMATICS 11

This course is intended for those students who are pursuing post-secondary goals that do not require the study of theoretical calculus, examples being Social Sciences, Humanities, or Fine Arts. Topics include: applications of rates, scale factors, area surface area, volume, angle and triangle proofs, spatial puzzles and games, inductive and deductive reasoning, systems of linear equations, quadratic functions, normal distribution, standard deviation, z-scores, confidence levels and intervals, margins of errors and historical events involving mathematics.

MATH: PRE CALCULUS 11

This course is intended for those students who are pursuing post-secondary goals that require the study of theoretical calculus, examples being Math, Science, Engineering, Medicine, and Commerce. Topics include: absolute value and absolute value functions, radicals, rational expressions and equations, polynomial factoring, quadratic functions, linear-quadratics and quadratic-quadratic equations, linear and quadratic inequalities, reciprocal functions, finances, primary trigonometry ratios, and the sine and cosine laws. This course could be followed by Pre-Calculus 12. To achieve success in MA11, it is strongly recommended that students complete Foundations of Math Pre-Calculus 10 and achieve a 'C+' or better.

FRENCH 11

Students will interact with the language to express themselves with more fluency. Oral participation is a daily expectation and students will learn to support each other and seek meaning from their conversations. Taking risks, maintaining a positive attitude and having fun are important concepts in the French classroom. The class will continue to discover other areas of the French-speaking world and make connections between their lives and ours. We will process information in oral, visual, and written forms. Students will improve their use of grammatical concepts and vocabulary and will be introduced to French literature and film.

FRENCH 11: ADVANCED

Advanced French 11 - Pre-requisite: Advanced French 10

This course is designed for those students who are looking to continue to improve their French speaking skills at an accelerated level. Students will do novel studies, role plays, compositions and oral presentations. Students will be expected to communicate in French at all times. French culture will be explored through literature, movies, cooking and excursions where possible.

SPANISH 11

This year we will be using a new and innovative approach through story telling, story writing and acting. Students will interact with the language to express themselves with more fluency. Oral participation is a daily expectation and students will learn to support each other and seek meaning from their conversations. Taking risks, maintaining a positive attitude and having fun are important concepts in the Spanish classroom. The class will continue to discover other areas of the Spanish-speaking world and make connections between their lives and ours. We will process information in oral, visual, and written forms. Students will improve their use of grammatical concepts and vocabulary and will be introduced to Spanish literature, art and film.

CAREER LIFE EDUCATION 10

The Career Education curriculum supports students in the process of becoming successful, educated citizens by providing them with opportunities to explore a variety of careers and options for their future. Career Education helps students to discover a bridge between classroom learning and workplace and post-secondary realities, and is intended to make their learning meaningful and relevant.

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.

The Curricular Competencies are designed to address four themes that run through the curriculum:

- self-awareness
- working with others (collaboration and communication)
- career knowledge and awareness
- career planning

The Career Life Education and Career Life Connections courses are the final phase of career and life learning and focus on the experiential and applied learning that support students in determining their next steps, post-graduation. Through numerous learning experiences within and outside the classroom, students are expected to develop an integrated post-graduation plan that is connected to a capstone or culminating project, which demonstrates their learning in an area of personal interest. Ideally, the capstone or culminating project will be linked to an area that students are passionate about and anticipate they will be pursuing further education and learning and/or a career in.

AUTOMOTIVE TECHNOLOGY 11

Automotive Technology 11 is a course in introductory automotive maintenance covering basic drive train construction, servicing, and related theory. Theoretical and practical daily service maintenance topics such as cooling, lubrication, electrical, tires/balance, braking systems, and tune-up are stressed. Theory topics of braking, antilock brakes, current fuel delivery, and steering systems are introduced. This course is recommended for students who are interested in the automotive field and wish to take on projects.

CAR MAINTENANCE 11

Car Maintenance is an introductory course that focuses on the very basics of automotive repair and maintenance. This is a course for students wishing to learn some basic core skills without pushing into more complicated aspects of the automotive field. We will cover general vehicle maintenance, such as oil changes, tire rotations and fluid checks, as well as other areas like vehicle purchasing, driver responsibilities and general automotive tips. This course is recommended for beginner level students who do not plan on going any further in the automotive field.

CARPENTRY AND JOINERY 11

This is a furniture construction course. Units of study will include furniture design, safety, care and maintenance of hand and power tools, construction materials and methods, and the safe use of woodworking tools and machines. Students will gain knowledge and skills through the design and construction of one or more pieces of furniture selected by the student.

DRAFTING 11

Students will learn the basic fundamentals of drafting, its purpose and importance and society and rules it follows. This is an introductory course in which students will learn the basic principles, and gain skills in technical drawing. Students will learn how to use a CAD program (computer assisted design) to complete a variety of metric, imperial, and mechanical drawings. Drafting concepts covered will include multi-view, dimensioned, pictorial and working drawings. This course is an essential skill for any students interested in the areas of; graphic arts, engineering, home design, interior design, technical-, vocational-, or trades-architecture. Later levels of this course will focus more on architectural drawings and possible CNC applications. It is also recommended for any students planning to take senior level metal or wood/construction courses. PREREQUISITE: None

METAL FABRICATION AND MACHINING 11

Metal Fabrication 11 is a course in creative design, machine and bench skills, welding, and foundry. Design & modifications, layout, machining, and assembly of materials are stressed. The appropriate machine tools are introduced

at this grade level. Students gain these skills with the construction of a working steam engine. Creative individual , critical thinking and problem-solving skills are established.

BUSINESS COMPUTER APPLICATIONS 11

Explore the world of invention and innovation while considering the social, ethical and sustainability issues that shape the world of entrepreneurship and marketing. How will you add value to an existing idea or product? Or will you be the innovator who comes up with the next best thing? Take the process from invention/innovation to the marketplace.

ICT 11: COMPUTER PROGRAMMING

Do you enjoy a good video game? Do you like the idea of a well paying job that allows you to work from home? If your answers are yes then computer programming is something to consider. The role of technology is increasing everyday to the point we have a difficult time picturing our lives without tech. This course will explore how to design and code applications. Writing code, modifying existing code and learning programming language is just the beginning in this course. When you begin to transform requirements into algorithms and consider design specifications for your work, the digital world becomes yours to create.

ICT 11: DIGITAL MEDIA DEVELOPMENT

Explore the world of digital technology beyond your phone. This course will allow students to explore software programs including Photoshop, digital video production, animation, game design and web publishing. The course is a project based course that allows the students to explore and experience various forms of digital media and where it could lead.

INDEPENDENT ART STUDIES 11

In this course, students will work with the instructor to create a list of assignments for the semester. This course gives students the opportunity to focus on and explore particular materials or subject matter. Students will be able to immerse themselves in an art study that is of particular interest to them, creating a portfolio that could be used to apply to post secondary schools. Students in this course will be working towards a semester end art show of their work.

PHOTOGRAPHY MEDIA ARTS 11

Learn to take better pictures using digital cameras and phones. Learn to use different composition and lighting techniques to enhance the interest and creativity of your photos. Work with Photoshop and other photo manipulation software to create a variety of digitally enhanced images. Spend lots of time outside of the classroom taking pictures throughout the school and in our community. Work towards a final art show at the end of the semester.

STUDIO ART 11: CERAMICS AND SCULPTURE

In this course students will create a variety of sculptures using traditional media, as well as many unconventional ones. This is a hands on course designed for students who want to move their design, and sculpting skills forward. Throughout the semester students will build a portfolio of their artwork and work their way towards a semester end showing of their best work.

STUDIO ART 11: DRAWING AND PAINTING

Drawing and Painting is the main focus of this courses, although some 3D painting and design will be included. Students will further their skills in design, shading and composition. Throughout the semester students will build a portfolio of their artwork and work their way towards a semester end showing of their best work.

PHYSICAL EDUCATION 11

Physical Education 11 provides opportunities for students to experience a variety of recreational pursuits and activities that promote lifelong, healthy living. Students participate in activities that promote social interaction, community responsibility, and skill development.

At SOSS this course is primarily designed with the outdoors in mind. Students enrolling in PE11 will experience some or all of the following units: hiking camping, outdoor survival, archery, rock climbing, orienteering, team building, fitness, skiing/boarding, snow shoeing, curling, leadership, badminton, school service hours.

SPORT PERFORMANCE 11

Sport Performance 11/12 is designed to challenge the motivated athlete. Students in Sport Performance 11/12 will undertake an intensive multi-sport approach to skill and fitness development. This high performance course provides athletes with the opportunity to focus on core team sports such as basketball, volleyball, soccer and field hockey for 1-2 month periods. Students in Sport Performance 11 are introduced to both cross-sport training methods and sport specific training routines that will help develop fundamental movement skills and improved fitness levels associated with athletic development.

Note- Students may have the opportunity to work as coaches or sport mentors who help individuals in younger grades develop greater physical literacy.

Pre-requisite; This course is most appropriate to motivated students who have successfully completed PE 10. Students who have not taken PE 10 may apply but are not guaranteed entry into the senior elective.

KINESIOLOGY 11

This course has been designed to provide an introduction into the study of human movement and the body's response to exercise. It is an examination of systems, factors and principles involved in the growth and physical development of humans within the context of our society. As an introductory course it will cover some of the following relevant fields in the study of Kinesiology: Anatomy, physiology some basic bio-mechanics and motor learning.

LINK CREW 11

Link Crew is a unique leadership course with the program's focus on the integration and success of the grade eight population. The structure of the program is such that while developing positive school culture, inclusiveness and citizenship at the grade eight level, it also strengthens these skills for the senior students who act as Link Leaders. Link Leaders are motivators, role models, teachers, and mentors. They help provide the environment where students learn that people at school care about them and their success. If you want to make a difference, join the Link Crew!

PEER COUNSELLING 11

Peer Counselling 11: Pre requisite: teacher reference Peer Counsellors will learn how to support other students using skills taught during a retreat at the start of the school year. Peer pressures, substance use, relationships, conflict and school stress will be some of the issues that will be explored. Counsellors will be taught listening, communication, decision making and problem solving skills. Students will understand how to make referrals, communicate confidentiality and its limits and the ethical guidelines required in a counselling role. Students can expect they will do some self-exploration to identify their own values, biases and the strengths they bring to a situation.

INSTRUMENTAL MUSIC 11: CONCERT BAND

This course continues the study of music through instrumental performance on concert band instruments such as flute, clarinet, saxophone, trumpet, trombone, and percussion. Musical skills are further developed and students are encouraged to explore their musicality. The ability to read music is required.

MULTIMEDIA MUSIC/MUSIC TECHNOLOGY 11

This course is designed for students to create electronic music using computer software and i-pads. Topics covered will include basic recording techniques, mixing, editing, looping, equalization, adding effects, creating mashups, film scoring, and sound effects. Programs such as Garage Band, Audacity, and Adobe Audition will be used. No prior musical experience is required.

MUSICAL FUTURES 11

This course is a non-traditional music class where you can learn an instrument and play or sing music of your choice. The emphasis will be on individual and group rehearsal techniques and performance skills. The ability to read music is not required and no prior musical experience is necessary.

THEATRE PERFORMANCE 11

This course continues to build on skills learned in Drama 9 and 10. Various styles of acting are approached with emphasis on character study. Students will be involved in script work and play building.

THEATRE PRODUCTION 11

Students will learn the skills necessary to work on a production team. They will learn production roles - design, technical and management. Students will also learn to work as part of a larger theatre company, including actor, director and scriptwriter.

CAFETERIA 11

This course focuses on quantity food preparation and service. Students develop the skills necessary for commercial food preparation as they participate in activities related to receiving, storing and presenting nutritious foods. Students also have opportunities to develop attitudes required by food-service and to practice customer service. Topics covered include: safety, sanitation and equipment, food preparation and food service. As this course is designed around commercial food preparation, food safe standards must be maintained with diligence. Impeccable hygiene and a willingness to meet these standards in all areas is required. Grade 10's may sign up for this course, but must first speak with Ms Ibaraki.

FAMILY STUDIES 11

These courses consist of the following 6 modules:

Child Development and Parenting

Adolescence

Adulthood

Families in Society

Interpersonal and Family Relationships

Housing and Living Environments

TEXTILES 11

Students will transform an old garment into something new. Learn proper terminology and investigate what it takes to make top quality clothing. Students will select individual projects to continue to expand their skill level.

TRAIN IN TRADES 11

This course lets you start the technical training component of your trade (theory) while still in high school at a regional college or institute. You will be attending the post secondary institution and upon completion of the program will be

given credit for post secondary and high school course credits. Students must consult with the Career Education Coordinator.

YOUTH WORK IN TRADES 11

(Formerly SSA)

Youth Work in Trades courses satisfy Applied Skills requirement.

Students will begin an apprenticeship while still enrolled in high school. Students earn up to 16 credits towards their graduation, access the apprenticeship training system, receive paid work experience, and may be eligible for a \$1000 scholarship upon completion of their 480 hours of practical training. Students are responsible for providing a certified employer (journey-person) willing to provide work based training. Students must also complete a successful interview with the Career Education Coordinator.

BRIDGES 8-12

The Bridges program is an alternate program that supports students who are facing behavioural challenges that are interfering with their progress in school. Students placed in the program are those for whom other interventions have not been successful. The program teacher, Mr. Rachinski, and youthcare worker, Sandy Fritz, assist students in reaching a level of social and academic responsibility that enables the student to gradually reintegrate into the regular program. Students will be enrolled in academic and elective courses as appropriate and provided the opportunity to work on their core academic subjects.

LEARNER SUPPORT 10-12

Learner Support is provided to students who may need to improve their organizational and academic skills to help them with their success in school. Learning Support teachers and EAs work with both students and classroom teachers. Students may be pulled out of a class for 1-on-1 or small group instruction for 20-30 minutes, 3 times a week as needed. During this time, students will be taught learning strategies to improve numeracy, reading comprehension, writing strategies, and self-regulation strategies. The overall goal is for students to better understand themselves and advocate for themselves as learners.

GRADE 12

AP ENGLISH LITERATURE AND COMPOSITION 12

Advanced Placement Literature and Composition is a challenging academic course that incorporates topics and literary texts which reflect the potential content of first year college/university English courses. The course places a heavy emphasis on plays, novels and poetry, but also incorporates the study of non-fiction prose and shorter fiction prose works. Students taking this course have the opportunity to earn advanced credit for university/college if they earn a high enough mark on the Advanced Placement examination, written in early May. Course Objectives include the following:

- To practice reading critically, asking pertinent questions about what has been read, and evaluating underlying assumptions and relevant ideas;
- To study a range of literary texts that are rich in quality and representative of different literary forms and historical periods;
- To respond to stylistic features in writing and their relationship to theme;
- To understand assumptions underlying various schools of literary analysis and criticism;
- To practice the timed essay, organizing quickly and clearly and developing points fully;
- To practice adapting writing style and tone to audience and purpose through precise syntax, phrasing and diction.

ENGLISH 12

The objectives for the English Department are prescribed in the English Language Arts I.R.P. According to the Prescribed Learning Outcomes, teachers of English are expected to help develop the following skills in their students:

- To anticipate, predict and confirm meaning while reading, viewing, and listening.
- To demonstrate an understanding of written, oral and visual communications.
- To connect personal experience and knowledge with a variety of literary and mass media works.
- To draw reasoned conclusions from information found in various written, spoken and visual communications and to defend these conclusions rationally.
- To apply knowledge of the conventions of language and to use appropriate vocabulary to discuss them. • To employ a variety of effective processes and strategies, including the use of electronic technology, to generate, gather and organize information and ideas.
- To enhance the precision, clarity and artistry of communications by using processes that professional authors and presenters use to appraise and improve their communications.
- To demonstrate an understanding of and ability to use a variety of forms and styles of communication that are relevant to specific purposes and audiences.
- To use language to explore thoughts, ideas, feelings, and experiences to prepare for a role in the world.
- To use language to interact and collaborate with others to explore ideas and to accomplish goals.
- To use language to help establish and maintain relationships within the school and community, to collaborate to get things done and to value and support others.

*A mandatory Provincial Exam worth 40% of the final mark will be written by all students at the end of the semester.

ENGLISH FIRST PEOPLES 12 English 12 First Peoples is intended for both Aboriginal and non-Aboriginal teachers and students. It represents an invitation to all learners to explore and discover First Peoples' worldviews through the study of literary, informational and media text with local, Canadian and international First Peoples' content. This course has a required provincial exam worth 40% of the final course mark. This course satisfies the grade 12 English Language Arts graduation program requirement and is the academic equivalent of English 12.

AP EUROPEAN HISTORY 12

The AP European History course focuses on developing students' understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

BC FIRST NATIONS STUDIES 12

BC First Nations 12 focuses on the diversity, depth and integrity of the cultures of British Columbia's aboriginal people. This course has been designed for all students, regardless of their cultural background or heritage. FN 12 examines the languages, cultures, and history of the First Nations Peoples of BC and links these elements to the issues the First Nations People of BC face today. First Nations 12 satisfies the Social Studies 11 requirement necessary for graduation.

ECONOMICS 12

This course provides students with the opportunity to analyze the effects of economic activity on their society, the nation, and the global community, and it gives them a deeper understanding of the principles behind government and social policies. We will learn about different economic systems and theories; concepts like opportunity cost, scarcity and supply and demand; how different types of markets work; and to recognize the role economics takes in a variety of issues in the world around you. Students also gain an understanding of the significant personal, professional, and business decisions regarding the allocation of resources that they will be required to make throughout their lives. As well, the study of current economic developments, trends, and issues enables students to improve their educational and career choices.

GEOGRAPHY 12

This course is an in-depth study of the physical geography of the earth with a special emphasis on British Columbia. Geography 12 is an academic course.

HISTORY 12

Recommended: SS11

History 12 is a modern world history course that examines the major people and events that have shaped our world during this century. This is an academic course that will provide good preparation for students planning to attend college and university. Students will be taught how to write a term essay and will have a good understanding of our world today.

HISTORY THROUGH FILM 12

The focus of this course is to create an awareness of 20th century history by utilizing video as the medium. As TV and video are large factors in a student's life, it is hoped that this approach to history will inspire students to enroll in History

12 and more thoroughly learn the content. Students will keep journals and examine the historic accuracy of the films presented.

LAW 12

Law 12 is a course that is useful to everyone since we all are affected by law every day. The emphasis is on criminal law; however, human rights law, international law, civil law, and family law are also studied.

PSYCHOLOGY 12

Recommended: EN11 and a Senior Science

This course is intended to introduce the student to the study of human behaviour and will provide a good foundation for those planning to take Psychology 100 in college or university. The course will be academic in nature and will include topics such as memory, learning, psychological disorders and treatment, personality and research methods. Students will examine, research, and be given the opportunity to design and conduct their own.

SOCIAL JUSTICE 12

The aim of Social Justice 12 is to raise students' awareness of social injustices, to enable them to analyze situations and to provide them with knowledge and skills to advocate for a socially just world. The units in Social Justice 12 include the following:

- Ø Research skills
- Ø Women and Social Justice
- Ø Dynamics of Poverty
- Ø Racism and Genocide
- Ø Aboriginal People and the Law
- Ø Globalization, Consumerism, Human Rights, and the Environment
- Ø LGBTQ issues

The course includes an emphasis on action, providing opportunities for students to examine models of social change and implement strategies to address social justice.

BIOLOGY 12

This course is aimed at students hoping to pursue a post-secondary education in a scientific or related field. Biology 12 is a course in physiology (structure and function) of cells and systems in humans. The first section reviews all aspects of cell functioning (biochemistry) and it is useful to the student to have completed CH 11. For the remainder of the course, the main human body systems are discussed with respect to structure, function, and control mechanisms (Digestion, Circulation, Respiration, Excretion, Nerves, Hormones, Reproduction). CH 11 recommended. A 'C+' or higher in Biology 11 is also recommended.

CHEMISTRY 12

Chemistry 12 covers four main topics: Equilibrium, Solubility, Acids/Bases, and Electrochemistry. This course will give any student planning to take university chemistry, a firm background for and introduction to the material covered in a first year university chemistry course. MA 11 or MA 11P recommended. A 'C+' or higher in Chemistry 11 is also recommended.

PHYSICS 12

Physics 12 provides essential background knowledge for students who plan to take any physics course in their first year science program. The following topics will be covered: Vector Kinematics, Vector Dynamics, Energy and Vector Momentum. A combination of the following topics will also be covered: Equilibrium, Circular Motion and Gravitation, Electrostatics, Circuitry, and Electromagnetism. Strong math skills are required. At least MA 11 is recommended. A 'C+' or better in PH 11 recommended.

MATH: CALCULUS 12

Recommended: Students must be enrolled in Pre-Calculus of Math 12.

It is recommended that students take Pre-Calc. 12 first semester and Calc. 12 second semester, however, Pre. Calc.12 can be taken at the same time as Calculus 12.

This course is intended to introduce students to the field of calculus. Emphasis will be placed on terminology, notation, basic procedures, and background material so that the transition to university calculus and other math and science courses is easier. Topics will include a review of graphing techniques and properties of linear, quadratic, polynomial, rational, exponential, logarithmic and trigonometric functions, and an introduction to limits, differentiation, and integration, with applications and problems.

MATH: FOUNDATIONS OF MATHEMATICS 12

This course is intended for students who completed Foundations of Math 11. Topics from Foundations Math 11 are expanded upon, geometric explorations: constructions, conics, and fractals, graphical representations of; polynomials, logarithmic, exponential, and sinusoidal functions, regression analysis, combinatorics, odds, probability, and expected value, and financial planning. This pathway is for students pursuing post-secondary training in such things as the Arts and Humanities and Economics.

MATH: PRE CALCULUS 12

This course is required for most universities and institutes of technology in mathematics or math associated fields. Topics include: problem solving, trigonometry, exponential and logarithmic functions, geometric sequences and series, transformations of functions, polynomials functions, radical functions and equations and Rational functions and equations. To achieve success in MA12, it is strongly recommended that students complete Pre-Calculus 11 and achieve a 'C+' or better.

FRENCH 12

Students will practice meaningful interaction by reacting to everyday situations and supporting their points of view. Oral participation will occur naturally and students will willingly converse with classmates and encourage each other to be fully engaged in the class. The focus will be on enjoying French and increasing one's awareness of French as a global language. We will process information in oral, visual and written forms with a greater emphasis on fluency and maturity of thought. Students will expand their grammatical skills, master higher level vocabulary, and gain an appreciation of French literature and film.

SPANISH 12

This year we will be using a new and innovative approach through story telling, story writing and acting. Students will practice meaningful interaction by reacting to everyday situations and supporting their points of view. Oral participation will occur naturally and students will willingly converse with classmates and encourage each other to be fully engaged in the class. The focus will be on enjoying Spanish and increasing one's awareness of Spanish as a global language. We will process information in oral, visual and written forms with a greater emphasis on fluency and maturity of thought. Students will expand their grammatical skills, master higher level vocabulary, and gain an appreciation of Spanish literature and film.

GRADUATION TRANSITIONS 12

Graduation Transitions is a requirement for graduation. Students will be awarded 4 credits upon completion. Students need to demonstrate they can budget, goal-set, and plan for their year after graduation. Students are also required to complete 30 hours of work or volunteer experience and 80 hours of daily physical activity. Students complete grad transitions on their own time.

AUTOMOTIVE TECHNOLOGY 12

This course complements material covered in AT 11. It is largely a practical course covering automotive engine overhaul, component remanufacturing, steering/suspension systems, trouble shooting, drive line and general automotive service. Current topics such as electronic fuel injection theory and service in Throttle Body Injection (TBI) and Port Fuel Injection (PFI) are introduced. Computerized data information systems using the "ON DEMAND" system, and scan tool diagnostic trouble shooting is covered. This course is for students experienced in the Automotive field and want to further their knowledge and skills.

CARPENTRY AND JOINERY 12: FURNITURE CONSTRUCTION

This is a production woodworking course designed to allow the student to further expand existing knowledge and skills in millwork and joinery, while experiencing the world of work through the design and construction of real world wooden products. Product emphasis will be directed towards school, community and student needs. The safe use and maintenance of required tools and machines will be taught, as well as any related theory.

DRAFTING 12

Students will learn the basic fundamentals of drafting, its purpose and importance and society and rules it follows. This is an introductory course in which students will learn the basic principles, and gain skills in technical drawing. Students will learn how to use a CAD program (computer assisted design) to complete a variety of metric, imperial, and mechanical drawings. Drafting concepts covered will include multi-view, dimensioned, pictorial and working drawings. This course is an essential skill for any students interested in the areas of; graphic arts, engineering, home design, interior design, technical-, vocational-, or trades-architecture. Later levels of this course will focus more on architectural drawings and possible CNC applications. It is also recommended for any students planning to take senior level metal or wood/construction courses. PREREQUISITE: None

METAL FABRICATION AND MACHINING 12

This course is a continuation of the bench work and machine skills of Metal 11. Although topics such as internal boring/threading, tool post grinding, and milling machine dividing head are introduced, emphasis is placed on welding fabrication using conventional oxyacetylene (OAW) welding and cutting, stick (SMAW) arc, and MIG (GMAW) welding processes. Students may also experience TIG welding with the option of stainless steel and aluminum welding at this grade level. Students can design a realistic major project within their ability, or be assigned projects that will enhance their knowledge of the Metal Technology field.

ICT COMPUTER PROGRAMMING 12

Do you enjoy a good video game? Do you like the idea of a well paying job that allows you to work from home? If your answers are yes then computer programming is something to consider. The role of technology is increasing everyday to the point we have a difficult time picturing our lives without tech. This course will explore how to design and code applications. Writing code, modifying existing code and learning programming language is just the beginning in this course. When you begin to transform requirements into algorithms and consider design specifications for your work, the digital world becomes yours to create. This course is continuation of the grade 11 course and students will select a language/platform they wish to explore in detail.

ICT DIGITAL MEDIA DEVELOPMENT 12

Explore the world of digital technology beyond your phone. This course will allow students to explore software programs including Photoshop, digital video production, animation, game design and web publishing. The course is a project based course that allows the students to explore and experience various forms of digital media and where it could lead. This course is a continuation of ICT 11 and students will chose the media they wish to explore at a deeper level.

PHOTOGRAPHY MEDIA ARTS 12

Learn to take better pictures using digital cameras and phones. Learn to use different composition and lighting techniques to enhance the interest and creativity of your photos. Work with Photoshop and other photo manipulation software to create a variety of digitally enhanced images. Spend lots of time outside of the classroom taking pictures outside, throughout the school and in our community. Work towards a final art show at the end of the semester.

STUDIO ART 12: CERAMICS AND SCULPTURE

In this course students will create a variety of sculptures using traditional media, as well as many unconventional ones. This is a hands on course designed for students who want to move their design, and sculpting skills forward. Throughout the semester students will build a portfolio of their artwork and work their way towards a semester end showing of their best work.

STUDIO ART 12: DRAWING AND PAINTING

Drawing and Painting is the main focus of this course, although some 3D painting and design will be included. Students will further their skills in design, shading and composition. Throughout the semester students will build a portfolio of their artwork and work their way towards a semester end showing of their best work.

IDS ART FOUNDATIONS 12

In this course, students will work with the instructor to create a list of assignments for the semester. This course gives students the opportunity to focus on and explore particular materials or subject matter. Students will be able to immerse themselves in an art study that is of particular interest to them, creating a portfolio that could be used to apply to post secondary schools. Students in this course will be working towards a semester end art show of their work.

INSTRUMENTAL MUSIC 12: CONCERT BAND

This course continues the study of music through instrumental performance on concert band instruments such as flute, clarinet, saxophone, trumpet, trombone, and percussion. Musical skills are further developed and students are encouraged to explore their musicality. The ability to read music is required.

MULTIMEDIA MUSIC/MUSIC TECHNOLOGY 12

This course is designed for students to create electronic music using computer software and i-pads. Topics covered will include basic recording techniques, mixing, editing, looping, equalization, adding effects, creating mashups, film scoring, and sound effects. Programs such as Garage Band, Audacity, and Adobe Audition will be used. No prior musical experience is required.

MUSICAL FUTURES 12

This course is a non-traditional music class where you can learn an instrument and play or sing music of your choice. The emphasis will be on individual and group rehearsal techniques and performance skills. The ability to read music is not required and no prior musical experience is necessary.

LINK CREW 12

This course is intended to further develop leadership skills that were established in Link Crew 11. Link 12 Leaders would assist in the training of new Link 11 Leaders and take on a primary leadership role immediately. The aim of the course is to focus on the development of positive school culture, inclusiveness and citizenship through the strength of student-leaders. A variety of opportunities will be available to achieve these goals. If you are motivated and Lead By Example, join the Crew.

PEER COUSSELLING 12

Peer Counselling 12: Pre requisite: Peer Couns. 11 Peer Counselling 12 is a course designed for students who have attained the skills learned in Peer Counselling 11 and who are able to take on a leadership role in the program. Peer Counsellors will have the opportunity to proactively tackle some of the issues that often arise at a high school level. Leadership could include presenting during an anti-bullying campaign, doing grade specific presentations, and organizing awareness days etc. Students in Peer Counselling 12 should expect to continue their support of younger peers.

THEATRE PERFORMANCE 12

Students will continue to develop and exercise their improvisational and characterization skills. Students will be expected to produce select presentations for specific audiences. They will also study theatre history through the development of various acting styles. Areas of study will cover Greek, Shakespearean, Commedia and Modern.

PHYSICAL EDUCATION 12

Physical Education 12 provides opportunities for students to experience a variety of recreational pursuits and activities that promote lifelong, healthy living. Students participate in activities that promote social interaction, community responsibility, and skill development.

At SOSS students enrolling in PE12 may experience the following units: tennis, golf, racquetball, fitness, leisure games, team building, leadership, softball, sport science, handball, school/community service.

NOTE: Some units may require students to pay an activity fee.

SUPERFIT 12

This program is designed for those students who want to 'take charge' of their personal fitness level. This course concentrates on four areas.

1. Anatomy and Physiology of the Human Body
2. Effects of Exercise and Training Principles
3. Development of Personal Fitness Plans
4. Fitness Training

NOTE: This will be a physically demanding course ideally suited for those students who are serious about being in good physical shape and those involved in the school's extracurricular athletics program.

CAFETERIA 12 These courses focus on quantity food preparation and service. Students develop the skills necessary for commercial food preparation as they participate in activities related to receiving, storing and presenting nutritious foods. Students also have opportunities to develop attitudes required by food-service and to practice customer service. Topics covered include: safety, sanitation and equipment, food preparation and food service. As this course is designed around commercial food preparation, food safe standards must be maintained with diligence. Impeccable hygiene and a willingness to meet these standards in all areas is a must. Grade 10's may sign up for this course, room permitting.

FAMILY STUDIES 12

These courses consist of the following 6 modules: Child Development and Parenting

Adolescence

Adulthood

Families in Society

Interpersonal and Family Relationships

Housing and Living Environments

TEXTILES 12

Explore the world of fashion and design while creating garments that reflect your own unique interests. In this course you will learn how to make changes to commercial patterns for the perfect fit or to personalize the design. Students will transform an old garment into something new. Learn proper terminology and investigate what it takes to make top quality clothing. Students will select individual projects to continue to expand their skill level.

TRAIN IN TRADES 12

This course lets you start the technical training component of your trade (theory) while still in high school at a regional college or institute. You will be attending the post secondary institution and upon completion of the program will be given credit for post secondary and high school course credits. Students must consult with the Career Education Coordinator.

WORK EXPERIENCE 12A

Work Experience satisfies Applied Skills requirement.

WExp 12A requires 90-100 hours on the job experience. This course develops an understanding of the knowledge, skills and attitudes that contribute to success in a chosen career of interest. Students will establish contacts in the business/work community, special admission status with post secondary institutions and an opportunity to discover personal interests, abilities and strengths leading to increased self confidence in the business/work world. Workplace health and safety, securing and maintaining work, workplace application and education and career planning are major learning outcomes of this course. WExp 12B may be taken immediately following WExp 12A, or after consultation with the Career Education Coordinator.

WORK EXPERIENCE 12B

Work Experience satisfies Applied Skills requirement.

WExp 12B requires 90-100 hours on the job experience. This course develops an understanding of the knowledge, skills and attitudes that contribute to success in a chosen career of interest. Students will establish contacts in the business/work community, special admission status with post secondary institutions and an opportunity to discover personal interests, abilities and strengths leading to increased self confidence in the business/work world. Workplace health and safety, securing and maintaining work, workplace application and education and career planning are major learning outcomes of this course. WExp 12B may be taken immediately following WExp 12A, or after consultation with the Career Education Coordinator.

YOUTH WORK IN TRADES 12

Youth Work in Trades courses satisfy Applied Skills requirement.

Students will begin an apprenticeship while still enrolled in high school. Students earn up to 16 credits towards their graduation, access the apprenticeship training system, receive paid work experience, and may be eligible for a \$1000

scholarship upon completion of their 480 hours of practical training. Students are responsible for providing a certified employer (journey-person) willing to provide work based training. Students must also complete a successful interview with the Career Education Coordinator.

BRIDGES 8-12

The Bridges program is an alternate program that supports students who are facing behavioural challenges that are interfering with their progress in school. Students placed in the program are those for whom other interventions have not been successful. The program teacher, Mr. Rachinski, and youthcare worker, Sandy Fritz, assist students in reaching a level of social and academic responsibility that enables the student to gradually reintegrate into the regular program. Students will be enrolled in academic and elective courses as appropriate and provided the opportunity to work on their core academic subjects.

LEARNER SUPPORT 10-12

Learner Support is provided to students who may need to improve their organizational and academic skills to help them with their success in school. Learning Support teachers and EAs work with both students and classroom teachers. Students may be pulled out of a class for 1-on-1 or small group instruction for 20-30 minutes, 3 times a week as needed. During this time, students will be taught learning strategies to improve numeracy, reading comprehension, writing strategies, and self-regulation strategies. The overall goal is for students to better understand themselves and advocate for themselves as learners.