OKANAGAN MISSION SECONDARY SCHOOL

Grade 12 Course Guide

2018 - 2019

Table of Contents

ADMINISTRATOR'S MESSAGE 3

WHO'S WHO AT OKM – School Contact 3

HOW TO PLAN YOUR COURSES FOR NEXT YEAR 4

COURSE DESCRIPTIONS:

- Academic Support Programs 5
- Applied Design, Skills, and Technologies 5
- Arts Education 6
- Business and Computer Education 6
- Career Life Programs 7
- Drama – Theatre & Acting 7
- English 8
- Home Economics 9
- Languages 9
- Math 10
- Music 11
- Physical Education 12
- Dance 14
- Science 14
- Social Studies 15
- Other Courses 16
- Application Required Courses & Academies 17
- E-School 17
- Honours and Advanced Placement 18
- Resource Program 18
- Additional Ways to Earn High School Credits 18

AVAILABLE TO OKM STUDENTS

- Dual Credit Programs – SD No. 23 19
- School Based Youth TRAIN in Trades Programs 20

Administrators' Message

OKM prides itself on the excellence achieved by our students in the areas of: Academics, Fine Arts, Applied Skills and Athletics. Our school's motto is "Excellence Through Effort". We steadfastly believe that all students should be challenged individually to pursue excellence and achieve their goals. It is our commitment to provide a flexible and positive atmosphere built on mutual trust and respect so that students can focus 100% of their attention to achieving their goals. With that in mind, students are introduced to and have the opportunity to explore a wide variety of courses. OKM is able to provide these opportunities through various outstanding academic, fine arts, applied skill and work / career related opportunities. All of these efforts are aimed at allowing students to explore many different areas of interest and provide them with a pathway towards graduating with dignity, purpose and options.

This Course Selection Guide is intended to assist students in planning their educational program to meet their long-term goals. We are proud to be able to offer a diverse selection of courses. Students are encouraged to investigate the courses that are of interest and make an informed decision. Take time to make your selections and keep in mind your goals and interests. Feel free to see one of our counsellors, administrators, career programs staff or teachers in specific areas should you have any questions.

Mr. Bruce McKay	Mr. Michael Dornian	Mrs. Nina Ferguson	Ms. Jasmine Lemon
Principal	Vice-Principal	Vice-Principal	Vice-Principal

Who's Who at OKM

Area	Contact	E-mail
Specific Programs		
Athletics	Paul Thiessen/Rob Steciuk	paul.tiessen@sd23.bc.ca rob steciuk@sd23.bc.ca
Enrichment Programs	Lisa Fidler	lisa.fidler@sd23.bc.ca
High Performance Program	Krista Marrs	krista.marrs@sd23.bc.ca
Leadership Excellence	Jody Cronquist	jody.cronquist@sd23.bc.ca
Music	Ed Schnellert Megan Frederick	ed.schnellert@sd23.bc.ca megan.frederick@sd23.bc.ca
Outdoor Education	Michael Ross	michael.ross@sd23.bc.ca
Theatre	Ryan Grenier	ryan.grenier@sd23.bc.ca
Work Experience	Solenn Dishaw	solenn.dishaw@sd23.bc.ca
Academies		
Golf Academy	Paul Janke	paul.janke@sd23.bc.ca
Hockey Academy	Kurt Corman	kurt.corman@sd23.bc.ca
Soccer Academy	Blain Wright	blain.wright@sd23.bc.ca
Swimming Academy	Sarah Sinclair	sarah.sinclair@sd23.bc.ca
General Questions		
Administrative/Behavior A-H	Nina Ferguson	nina.ferguson@sd23.bc.ca
Administrative/Behavior I-M	Michael Dornian	michael.dornian@sd23.bc.ca
Administrative/Behavior N-Z	Jasmine Lemon	jasmine.lemon@sd23.bc.ca
Behavior Support	Austin Ross	austin.ross@sd23.bc.ca
Career Exploration, Dual Credit, Grad Transitions and Readiness	Jill Robinson	jill.robinson@sd23.bc.ca
Counselling/Course Advising A-H	Marilyn Green	marilyn.green@sd23.bc.ca
Counselling/Course Advising I-M	Solenn Dishaw	solenn.dishaw@sd23.bc.ca
Counselling/Course Advising N-Z	Lorna Proch/Brent Sookochoff	lorna.proch@sd23.bc.ca brent.sookochoff@sd23.bc.ca
Learning Support	Beth Parks	beth.parks@sd23.bc.ca
Library	Leisha Cumming	leisha.cumming@sd23.bc.ca
Resource Gr. 10 - 12	Jennifer McLeod	jennifer.mcleod@sd23.bc.ca

How to Plan your Courses for Next Year

CONSIDER GRADUATION REQUIREMENTS

- Students need 80 or more credits to graduate. At OKM we ask you to have a minimum requirement of 88 credits.
- **Students must take a full course load in grade 10 and 11. In grade 12, students must take a minimum of six courses plus the Capstone Project.**

Grade 12 in 2018-2019		
You should have completed the following in Grade 10 and 11:		**Grade 12 Year**
· **English 10** · **Social Studies 10** · **A Math 10** · **Science 10** · **A PE 10** · **A Grade 10, 11, or 12 Applied Skill or Fine Art** · **2 Other Electives**	· **English 11** · **SS 11** · **A Math 11** · **A Science 11** · **Planning 11** · **Elective** · **Elective** · **Elective**	· **English 12 or Communications 12 + provincial exam** · **Numeracy Assessment** · **MAP/Grad Transitions** · **PLUS additional electives (4 courses must be at the grade 12 level)**

POST-SECONDARY PLANNING

Questions? Do you need information about?:

1) **Approved Academic Grade 12 Courses for Post-Secondary entrance**
2) **Post-Secondary Entrance Requirements including**
    a) **Math requirements**
    b) **Secondary language requirements**
    c) **Academic averages**

Answers and information can be found on the following websites:

1) **Counselling Website**
2) **My Blueprint**
3) **Post-Secondary Websites – University/College of your choice**

Course Descriptions

ACADEMIC SUPPORT PROGRAMS

ACADEMIC INTERVENTION PROGRAM (AI)
To support student success, OKM has developed an after-school program that helps students who are struggling academically. The program runs on Mondays to Thursdays and is staffed by a teacher and CEAs who can help support a wide variety of subject areas so that students can get the academic support they need. Often, students are directed into this program by teachers and administrators if they are not being successful. However, students are welcome to drop in for academic support at any time.

LEARNING ASSISTANCE
The OKM Learning Assistance program provides support to students with learning disabilities who have a designation from the Ministry of Education. Assessment, identification, curriculum adaptation, and the development and implementation of an Individual Education Plan (IEP) are all integral parts of the learning assistance program. Learning strategies are taught and support is given both within the whole class setting as well as within small groups. Some students are given time within the school timetable to receive assistance and support for their academic courses. OKM's Learning Support Team, along with the student and family are included in decisions regarding involvement in this program. Students who are non-designated, but who face academic challenges, may also receive support from the learning assistance program based on recommendations from the School Based Resource Team.

APPLIED DESIGN, SKILLS, AND TECHNOLOGY

AUTOMOTIVE TECHNOLOGY 12
Prerequisite: Automotive Technology 11
This is a more advanced automotive course in which the student learns theory and shop practice in starter and alternator systems, ignition systems, fuel and emission systems, general troubleshooting, diagnostic computer problem solving, testing of components, wheel alignment, brake disc and drum turning. Students wishing to take Automotive Technology 12 must complete Automotive Technology 11 first.

AUTOMOTIVE TECHNOLOGY 12 – ENGINE AND DRIVE TRAIN
Prerequisite: Automotive Technology 12
An extra automotive 12 level course for career preparation/apprenticeship mechanics students only, with an emphasis on independent student work. Students must supply their own projects and will be expected to complete the project agreed upon on a contract basis.

CARPENTRY & JOINERY 12: CNC WOOD PROCESSES
Prerequisite: Woodwork 9/10 or Carpentry & Joinery 11
A traditional woodworking course which incorporates Computer Numerical Control (CNC) technology, allowing students to personalize their projects using industry-standard software and equipment. In this course students will be challenged further by having the opportunity to design and build a project of their own and to design or scan an image that will be reproduced three dimensionally somewhere on their project. Students also will learn how to create and verify tool paths, and set up and operate the CNC machine.

DRAFTING & DESIGN 12
These courses will explore the fundamentals used in the development of drafting and design concepts in both the Architectural and Mechanical fields. While developing their Computer Assisted Drafting (CAD) skills, students will study these fields utilizing orthographic projections, isometric, pictorial and auxiliary view techniques. As well, measuring and dimensioning will involve the common usage of both the Metric and Imperial systems. The Architectural component will involve the design and development of a basic set of house plans.

ELECTRONICS & ROBOTICS 12
Prerequisite: Electronics 11
This course is a continuation of the topics covered in Electronics Advanced Level A. Digital electronics and robotics will be introduced, and more emphasis will be placed on problem solving and design. Students will be encouraged to research, design and construct their own projects. Students will explore career opportunities related to electronics such as electrical engineering, computer science, telecommunications, medical technology, aircraft manufacturing and robotics.

MEDIEVAL ARMORY 12 *Prerequisite: None*
This course will further study medieval armory; modern tool use and skill applications in the modern world.
Note that recently added CNC technology now enables students to utilize computer aided design and manufacturing in their projects. This course follows the Metal Fabrication and Machining IRP. Students will receive credit for Metal Fabrication & Machining 12: Forging & Foundry.

METAL FABRICATION & MACHINING 12 *Prerequisite: None*
This metalworking course builds upon the knowledge and skills obtained in either METALWORK 9/10 or METAL FABRICATION AND MACHINING 11. In this course students will have the opportunity to design and build a project of their own choice based on their skill level, interests and goals for growth in the area of metalwork.
Recently added CNC technology now enables students to utilize computer aided design and manufacturing into their projects, which makes PLASMA CUTTING 9/10 an excellent fit for this course. Most students' projects will be self-designed. This course follows the Metal Fabrication and Machining IRP.
For students with little or no previous metalworking experience, the program will be adjusted to suit their own goals and abilities, and may follow a program similar to the METALWORK 9/10 course.

ARTS EDUCATION

ART FOUNDATIONS 12
This course establishes fundamentals of understanding and using art as a visual language with the elements and principles of design as the central vocabulary for individual expression and creative problem solving. Students will explore creative strategies and focus on original image development. The students will learn to improve skills in drawing, painting, collage, sculpture, and printmaking while discovering personal areas of strength and style.

Individual portfolios will demonstrate varied explorations and breadth of ability. In addition, a sketchbook will be each student's constant companion; used to plan out ideas for projects, test out materials and techniques, write reflections, and serve as a place to collect visual inspirations. Exposure to examples of work by artists from a variety of cultures and time periods will emphasize appreciation of creative process and context. There will be class critiques and/or written personal reflections to reinforce artistic thinking and vocabulary.

STUDIO ART DRAWING AND PAINTING 12 – ADVANCED *TEACHER APPROVAL REQUIRED
Pre-requisite: a student should have completed at least one senior level Art Foundations, or Studio Arts course.
This course is the completion of an advanced level program, intended for students continuing to further education beyond high school. The focus of the course is to build a portfolio showing scope and sequence using a variety of materials but with an emphasis on drawing plus a concentration of the student's choice (printmaking, painting, or mixed-media approaches). The portfolio will include working drawings and plans as well as finished pieces suitable for public exhibition.

Through individual conferencing, students are assisted in the development of their concentration work, as well as developing skills in class activities for the breadth section of their portfolio. A visual notebook or sketchbook is required in order to plan out ideas for projects, test out materials and techniques, write reflections, collect visual inspirations and keep track of progress.

BUSINESS AND COMPUTER EDUCATION

BUSINESS STUDIES 12
This course offers students hands on experience with the process of creating, operating and dissolving a business. Students will be required to form a team, create a business plan, design a marketing plan and calculate a financial plan. The skills developed in this course include: collaboration, creative thinking, interpersonal communication, public presentations, financial literacy and work ethic that directly corresponds to the success of the business. The student's will be competing in the School District 23 Dragon's Den competition with a chance to engage with the local business community and learn many real world skills.

COMPUTER ANIMATION 12
3D Studio Max Level C
This course is for the Advanced (Level C) student who is interested in advancing their skills in the use of the computer for its graphic (drawing) and animating capabilities. This computer animation course concentrates on 3D Studio Max, plus some video editing and graphic software programs. The course is more open-ended for the student serious about animating and wanting to explore the software and their own capabilities. Students will be given the opportunity to prepare and present a plan of what they will be exploring throughout the year and how they will present this. There will also be an opportunity for

students interested in game creation where they will create characters, backgrounds and setup game play. Students will be expected to present a portfolio of their learning in computer graphics and animation, which will prepare them for admission to an animation school. Productions / Digital Portfolios will be output to DVD with sound.

COMPUTER PROGRAMMING – VISUAL BASIC 12
This is a hands-on programming course where students will learn the Visual Basic programming language. Students are expected to be self-motivated, and use logic and organizational skills in designing original computer programs. This course is unique in that students will learn to use a programming language in order to tell the computer to perform specific tasks. Tasks will range from simple ones like counting, to making decisions and moving objects on the screen. This course will be project-based. Students will develop software as well as construct and edit programs. **CP 12 may be an approved academic course for SOME post-secondary entrance requirements.**

CAREER LIFE PROGRAMS

CAREER LIFE EDUCATION 11/DIGITAL COMMUNICATIONS 11
Career Life Education 11/Digital Communications 11 (CE 11/DC 11) will continue the career life journey developing a focused education and career pathway towards graduation and life after high school. Emphasis will be on post-secondary and career exploration, financial literacy, sustainability and community responsibility, and balanced lifestyles. This course uses a blended learning style involving two teachers delivering lessons in the classroom, one physically and one virtually in the classroom. The Digital Communications portion will deliver course content using current digital literacy skills and social media responsibilities.

GRADUATION TRANSITIONS AND MAP (MY ACTION PLAN) – Ministry of Education Graduation Requirement
The goal and purpose of Graduation Transitions and MAP is for students to document their future goals and plans, to show that they are healthy and active citizens with the attributes of a SD#23 learner, and to document all of their amazing skills, experiences, and accomplishments between grades 10-12. Each student's MAP will be personal, reflective and representative. Upon completion of the MAP in grade 12, students will present their MAP to a panel of at least one community member and one teacher. This discussion style presentation will last approximately 15 minutes. Upon completion of both the MAP and the presentation students will receive the grade of RM (Requirement Met) on their transcript.

WORK EXPERIENCE 12A (Application Required)
This course is tailored to individual student needs, experiences, and skills. Students can receive credit for WEX 12A for 100 hours of work experience. Work experience hours can be completed through volunteer or work (paid or not) experiences and **must** be covered by WCB. This course can be completed at ANYTIME between September of the student's grade 10 year and graduation. Students earn credit in this course by meeting with the Career Programs Coordinator, creating a Training Plan and then completing and documenting work experience. Work hours start to accumulate once the Training Plan has been returned to the Coordinator. Work Experience Independent Directed Studies (1, 2 or 3 credits) can be received for partial completion of this course. THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

WORK EXPERIENCE 12 B (Application Required)
Work Experience 12B is an extension of WEX 12A and recognizes student work experience for 200 hours.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

DRAMA – THEATRE & ACTING

OKM TRIPLE THREAT/MUSICAL THEATRE 9-12 (*Audition required*)
The OKM Triple Threat course will appeal to any OKM student who is passionate about Acting, Singing and Dancing. Skill development with the goal of creating a showcase performance will be the primary directive of this project based course. Another component to the course will be exposing students to the Fine and Performing Arts in our community and beyond.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

SCRIPTWRITING AND DIRECTING 12 (Application Required)
Prerequisite: It is suggested that students be enrolled in or have completed Theatre 11 or 12 before applying.
Scriptwriting and Directing 12 is a linear, external course meant for the theatre student who would like the added responsibility and leadership role of creating theatre from the perspective of scriptwriter and director. Students who take this class will work with the theatre production/theatre company class to write, create and produce live theatre and film for the school and community. Students should be prepared to spend extra time in rehearsal after school as needed.

STAGECRAFT 12
Stagecraft classes are courses offered in backstage theatre: lighting design, audio engineering including Soundscape, sound creation and audio mixing using software applications like Garage Band, Audacity and Multiplay and digital turn-tabling and recording, props, set-design and construction, costumes, makeup, publicity, stage management, etc. Students should be self-motivated, willing to follow instructions precisely and work outside of school hours when needed to produce the yearly school play or musical. Interested Stagecraft students will also learn to be the main theatre technicians for some school events. Because Stagecraft courses are available for multiple grades, grade level expectations are adjusted based on the experience of students enrolled in the class. Students in Stagecraft are given great responsibility, and are expected to develop and demonstrate outstanding leadership abilities.

THEATRE PRODUCTION 12 (Formerly *STAGECRAFT*)
Technical theatre classes focus on design elements in theatre, aligning the Core Competencies with lighting, sound, costume and scenic design. We critically and creatively communicate our ideas through hands on demonstration and experiential learning by learning basic costuming and property construction, creating soundscape, hanging and focusing lights, building models, set construction). Personal and social competency through working with others to achieve the design goals. Personal awareness and responsibility is developed and required in regards to theatre, tool and equipment safety. Social responsibility is expected as the group comes together to produce of the design elements for every production during the school year. The OKM theatre has some of the best lighting and sound technology in BC and students are mentored into use from basic to mastery levels. Students should be self-motivated, willing to follow instructions precisely and work outside of school hours when needed to produce the yearly school play or musical. Interested Theatre Production students will also learn to be the main theatre technicians for some school events. Theatre Production courses are available for multiple grades, and grade level expectations are adjusted based on the experience of students enrolled in the class. Students in Stagecraft are given great responsibility, and are expected to develop and demonstrate outstanding leadership abilities.

THEATRE COMPANY 12 (Audition Required)
This **linear** course is meant for the dedicated actor who desires more time on stage in front of a live audience. While a portion of the course will be dedicated to higher level acting technique (method acting, naturalism), the primary goal of this course will be to choose or create, direct and produce, live theatre. Students should be prepared to spend extra time in rehearsal after school as needed. THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

THEATRE PERFORMANCE 12: ACTING 12
Similar focus as Acting 11, but more in-depth. Students continue to develop their acting technique (characterization, script interpretation, movement & voice work) and rehearsal approach. They will work within a range of theatre styles & forms, learning the performance issues specific to them. Performance, career exploration, acting for the camera and theatre history is also included. Extra-curricular rehearsals and performances may be required.

ENGLISH

COMMUNICATIONS 12
Communications 12 is an alternatives to English 12. It stresses communication skills that are required in the workplace, including, oral skills, report and letter writing, and efficient and economical writing in a variety of formats. Although literature is read in the course, the emphasis placed upon it is less than in English 12. **Communications 12 meets a student's graduation requirement for English; however, it may not meet admission requirements of post-secondary programs.** Please check with your counsellor about your post-secondary options if taking this course.

ENGLISH 12
In English 12, students study language and literature in a collaborative environment, with an emphasis on reading, writing, viewing, listening, and speaking. OKM considers the development of literacy skills, especially comprehension, analyzing, critical thinking, viewing, deconstructing and presenting, to be essential foundation skills for the 21st century learner, and so offers specific instruction integral to these outcomes in all English classes. **English 12 is an approved academic course for post-secondary entrance. English 12 has a Provincial Exam worth 40% of the final mark.**

ENGLISH 12 PRE-AP (Advanced Placement)
Pre-AP English is designed to prepare students for the opportunity to take Advanced Placement courses. Students will cover important prerequisite and foundation topics and will practice higher-level thinking skills which will prepare them for the academic challenge of AP courses. This course is a prerequisite for the AP Literature and Composition course**. This course is taken in place of English 12. Final placement is by teacher recommendation. Approved academic course for post-secondary entrance.**

LITERATURE AND COMPOSITION - AP (Advanced Placement)
This course is designed to engage students in the careful reading and critical analysis of literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure for readers. The course will include intensive study of representative works from various genres and periods. Often considered "advanced preparation" for post-secondary study, AP courses offer students an opportunity to get a head start on college and university level assignments. Students develop writing skills, sharpen problem-solving techniques, and develop the study habits necessary for tackling rigorous course work and studying subjects in greater depth and detail. To improve their position for admission to institutions of higher learning, students can demonstrate their maturity and readiness for university show their willingness to embrace academic challenge, and emphasize their commitment to excellence. **Note: Students must take English 12 Pre-AP in the first semester and AP Literature & Composition 12 in the second semester of their grade 12 year.**

HOME ECONOMICS

FOOD STUDIES 12
Cook around the world! This class is exciting, creative, and adventurous. Food Studies 11 techniques provide the backbone of this class which involves ethnic cooking. Topics extend to include a look at world food problems such as food security, poverty, and starvation.

SEWING AND FIBRE ARTS 12
This course provides students the opportunity to be creative, problem solve, and have fun, while learning design elements and construction techniques for a number of different textile and craft projects. There will be an emphasis (about 70%) on both hand and machine sewing, but other skills will also be acquired. Students will use the skill of sewing and design to create a number of different projects including: PJ pants, hoodies, bags, and stuffed toys. Other skills will be gained in the areas of needlework, knitting, and macramé. Students will develop a wide range of creative knowledge that will develop their lifelong love of crafts. Students will be expected to work on class projects, as well as create individual assignments. Projects will vary each year and will be student driven. Students who have taken the class before will be given the opportunity to choose most of their own projects depending on skill level.

TEXTILES ARTS AND CRAFTS 12
This course has less emphasis on sewing (only 30%) and more on different craft techniques. We will be making many small projects for you and your home. Some of the techniques that we will be exploring are: decorative painting techniques, knitting, felting, cross stitch, embroidery, quilting, holiday crafts, macramé, card making, and jewelry design. Students will be expected to work on class projects, as well as create individual assignments. Projects will vary each year and will be student driven. Students who have taken the class before will be given the opportunity to choose most of their own projects depending on skill level.

LANGUAGES

Studying a language through to grade twelve is not required to graduate but is highly recommended for a well-rounded education. Sometimes a language course completed to the end of grade eleven is required for entrance into university/college programs, and sometimes the equivalent of a grade twelve language is required to finish that university/college program. Parents and students are responsible to check with the post-secondary institution(s) that are being considered for their entrance/program requirements. Beginner Spanish 11 is not considered a "Language 11". All language classes at OKM include a strong oral component. All students are expected to participate in oral dialogues and presentations in class.

FRENCH 12
Prerequisite: French 11
French 12 is an academic elective. This course helps solidify all knowledge and skills students have learned in French thus far. That is, speaking, writing, reading, and listening skills will all be reinforced while learning new concepts and further studying differences in Francophone cultures and one's own culture. This course satisfies a grade twelve language requirement that is often required at post-secondary institutions for graduation with a degree or diploma.

SPANISH 12
Prerequisite: Spanish 11
This course develops the student's fluency in both spoken and written Spanish. The student will focus on developing good written skills, using correct Spanish vocabulary and grammar, incorporating a variety of new vocabulary and verb tenses, as well as ones from previous years. Students are reminded that this is an academically rigorous course. A strong background (a "B" or higher) in BSP 11 and SP 11 is strongly recommended. **Approved academic course for post-secondary entrance.**

MATH

The Mathematics Department of OKM wishes to provide students and parents with suggestions regarding the mathematics course he/she will study during the following school year. The following information is designed to assist students in making the choice for next year's math course(s). We recognize that students and their parents often have difficulty selecting the most appropriate course. We hope this information will help guide you in making your choice. Included are two different flow diagrams showing the possible paths, course options, course prerequisites, and details you should consider when looking into your son's/daughter's secondary school graduation.

FOUNDATIONS OF MATH 12

Prerequisite: Foundations of Math 11 or Pre-Calculus 11

This final academic course is required by some University and College programs in the Arts, Humanities and Trades. This course is not easier than the associated Pre-Calculus course, but rather a different style of class. Should a student successfully complete Foundations of Math 11 and Foundations of Math 12, some universities may accept these courses in lieu of Pre-Calculus 11 as an entrance requirement. It is strongly recommended that students entering this course have a minimum course mark of 85% in Foundations of Math 11 or 70% in Pre-Calculus 11. **May be an approved academic course for SOME post-secondary entrance requirements.**

PRE-CALCULUS 12

Prerequisite: Pre-Calculus 11

This final academic course is required by Universities and Colleges for entrance level Science or Engineering programs. Students who need this course for their post-secondary program should realize the effort that will be required to successfully complete this course. For students who have weak math ability, the level of effort required is dramatically increased. Students' intent on a Science and some Business programs, at University or College, should seriously consider Calculus 12. It is strongly recommended that students entering this course have a minimum course mark of 75% in Pre-Calculus 11. **Approved academic course for post-secondary entrance.**

CALCULUS 12

Prerequisite/Co-requisite: Pre-Calculus 12

Calculus 12 is strongly recommended for students planning to enroll in a Bachelor of Science, Engineering, or some Business degree programs (check with your post-secondary institution of choice). Calculus 12 is designed to both ease the difficult transition from Pre-Calculus 12 to University level Calculus and to introduce a level of rigour and problem solving previously unseen in Mathematics courses. **Approved academic course for post-secondary entrance.**

MATH PATHWAYS

GR. 9	Math 9		
	● Preparation for Foundation of Math & Pre-Calculus 10		
GR. 10	**Workplace Math**	**Foundation of Math & Pre-Calculus**	
	● Trades and Workplace Pathway ● Moderate homework load ● Life skills and work/trade related mathematics	● Solid C recommended from Math 9 ● Leads to Foundation of Math 11or Pre-Calculus 11 ● Heavy homework load ● Honours class is has same content/assessment with additional concepts and increased pace ● Recommended for students planning to attend university/college (excluding trades programs)	
GR. 11	**Workplace Math**	**Foundations of Math**	**Pre-Calculus**
	● Recommended for Entry into most trades programs ● Moderate homework load	● Required for Post-Sec programs not involving Theoretical Calculus ● Solid C recommended from Math 10 ● Heavy homework load	● Required for Post-Sec. programs involving Theoretical Calculus ● Solid B recommended from Math 10 ● Heavy homework load
	ALL three options satisfy the math requirement for basic graduation (gr. 11 level)		
GR. 12	**Foundations of Math**	**Pre-Calculus**	
	● Solid C+ recommended from Math Foundations 11 ● Intended for entrance into Arts and Fine Arts programs	● Solid B recommended from Pre-Calc 11 ● Intense homework load ● Intended for entrance into Science, Engineering and Business Degree Programs	
			Calculus
	It is the sole responsibility of parents and students to research entrance requirements at the Post-secondary institutions of their choice.		● Strongly recommended for those planning to take Science, Math or Engineering at the post-secondary level

MUSIC

BAND 12

An important outcome for Band is to have fun by enjoying making music! The courses mentioned here are progressive steps toward musicianship and leadership in the music area. Each year requires progressively greater competence in technique skills, tone, and ability to play well in ensemble situations and progressively greater responsibility for assisting their sections to play their best. A wide range of styles is explored including traditional concert band literature, pop, rock, jazz and contemporary. Exceptional extra-curricular travel and touring opportunities are open to all Band students - including our unrivaled Europe and International Touring program. **All students are required to participate in scheduled school concerts and festivals as an extension of their class work.**

COMMERCIAL MUSIC 12

Commercial Music – is for rock, country, folk, metal, grunge, digital/turntabling, beatboxing, vocals…guitars, drummers – it's all welcome in Commercial Music

Exceptional timetabling flexibility will allow you to book many class times to fit your schedule Students will be given the freedom to focus on the area that they are most interested in and will have the opportunity to form bands, rehearse together, create set lists and perform throughout the year. Students also have the opportunity to learn how to DJ using our DDJSK2 Pioneer and NS7FX Numark controllers and Serrato Itch software. If you do not already play an instrument, that's ok – you can learn in this course! You have the ability to learn a new instrument or work on the sound, lighting and promoting aspects of our gigs. Students will have the opportunity to learn how to set-up and run a professional sound system, rent a venue, advertise, sell tickets, and produce a live concert. Students will also be expected to operate sound systems at various live events at the school and throughout the community. You will have the opportunity to speak to professionals in the music industry about job

opportunities in this field. **This course will run once a week after school and you will also be responsible for extra weekly rehearsals scheduled with your band as well as all performances.** For questions or more information please see Ms. Frederick or Mr. Schnellert.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

CONCERT CHOIR 12
Choir is intended as an introductory choral experience for students in any grade who enjoy singing. No previous experience is necessary but students should have a love for singing. The course will cover basic vocal production, music reading, part-singing, and performances, along with the responsibilities and the fun which go along with working in a team. Students interested in taking part in any musicals the school puts on in the future are encouraged to take this course. This is a performance-based course and all students are required to attend all scheduled rehearsals and performances.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

JAZZ BAND 12
These courses explore Swing, Latin, Funk, Rock and Pop music in a "Big Band" setting. Students learn the foundations of improvisation, jazz form, and playing technique specific to jazz performance. **All students are required to participate in scheduled school concerts and festivals as an extension of their class work.** These courses are open to concert band students by invitation or audition. Students must be enrolled in the regular concert band program in order to participate.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

JAZZ COMBOS 12
This course is for students that wish to play in a small ensemble setting. Students will learn a variety of jazz repertoire and improvisation techniques. The course will also cover basic jazz theory, harmony and arranging. Students must be prepared to work independently. **All students are required to participate in scheduled school concerts and festivals as an extension of their class work.** This course is also open to grade 8 and 9 students by audition as an extracurricular activity. Students must be in Jazz Band to enroll in this course.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 12
Physical and Health Education 12 is a senior elective course that builds on the concepts, theories and skills developed in the junior PHE courses with a focus on game play and personal fitness, which includes weight-training time and programming. Students will work on developing their cardiovascular endurance, muscular strength and endurance, core agility and flexibility. Students will develop strategies to make healthy lifestyle choices. Students will be offered optional field trips around the community. Appropriate PE attire is required for this class.

PHYSICAL EDUCATION 12 – BASKETBALL OR VOLLYBALL Similar to high performance hockey and soccer academies throughout the country, this course will be structured to develop high-performance athletes in Basketball or Volleyball. All aspects of the fundamentals of the game will be improved through advanced theory, personal training programs to develop specific fitness attributes for each sport, long term training programs to allow for individual training outside of class, diet programs for optimized nutrition, and university level basketball and volleyball coaching in line with the objectives of Basketball Canada and Volleyball Canada. Students will also develop an appreciation for competition, life-long physical activity and a healthy lifestyle. They will learn to work in a collaborative setting, to problem solve and to explore and enhance their leadership skills. The courses will be predominantly taught by Senior OKM Coaches however strategic guest speakers will be brought in for further program development. (Students enrolling in the program will receive credit for physical education at their grade level). **If either of these courses do not run due to enrolment, students will be automatically scheduled into regular Physical Education at their grade level**

PHYSICAL EDUCATION 12: DANCE FITNESS
DANCE to get FIT, while satisfying PE credits! This class will focus on increasing strength, flexibility, and stamina through fun dance-related workouts! Students will tone and tighten with warm-ups, workshops and choreography in a range of dance styles. Potential options may include: Hip-Hop, stretch & strength, Lyrical, Jazz, Aerial Hoop, yoga, Zumba, and much more! Build confidence while learning simple, yet impressive moves, tricks and dance skills. Progress in this class will be catered to each individual dancer, and no previous experience is required. Presentation opportunities will be available, but are not required. Students enrolling in this course will receive credit for physical education at their grade level.

PHYSICAL EDUCATION 12: FITNESS
Fitness 12 focuses on personal fitness and life-long physical activity 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. 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. Students will also develop the ability to make healthy choices with respect to their emotional and mental wellbeing and incorporate strategies for developing positive relationships. Fitness 12 students will explore topics around nutrition, prevention of illness and injury, and learn CPR and AED (automated external defibrillator) skills. Students will be offered optional field trips around the community and guest instructors when possible. Appropriate PE attire is required for this class

PHYSICAL AND EDUCATION 12: STRENGTH AND CONDITIONING

This course 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 specifically designed towards further improving students' fitness levels. Students will learn the various techniques, theories and concepts of various training methods. 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. This is a linear class worth two credits per semester. Students enrolling in the program will receive credit for physical and health education at their grade level. This course is offered both inside and outside of the timetable as an Extended Day Course. THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

PHYSICAL EDUCATION 12 – GOLF ACADEMY (Application & Academy Fee Required)

The golf program is intended to provide students with an opportunity to further enhance their golf skills and to grow personally both on and off the course. An OKM teacher plus two-three Canadian Professional Golf Association instructors will be with the students for each session. On course classes will be held at The Okanagan Golf Club. (Students enrolling in the program will receive credit for physical education at their grade level).

Visit the program website at http://okmgolfacademy.weebly.com/ APPLICATION DEADLINE IS MARCH 9, 2018

PHYSICAL AND HEALTH EDUCATION 12 – ADVANCED SKILLS PROGRAM: HOCKEY
FULL YEAR PROGRAM FOR REP PLAYERS (Online Application & Academy Fee Required)

Students enrolled in SD#23 and registered in their local Minor Hockey Association have a unique opportunity to participate in a program that allows them to develop and improve their hockey skills and gain course credits. Advanced Skills Program (ASP) is for rep hockey players, grade 9-12 who want the ASP class for a full year. The ASP is based on the following principles:

- Strictly supplementary to Minor Hockey
- To provide additional training for minor hockey aged players playing rep hockey
- Focus on individual skill development and academic achievement
- Receive instruction from fully qualified Hockey Canada instructors

Each student selected into the program will be assisted in the planning of course selection based on individual academic goals. (Students enrolling in the program will receive credit for Physical Education at their grade level). Visit the program website at www.okmhcsa.weebly.com to complete the online application.

APPLICATION DEADLINE IS MARCH 9, 2018

PHYSICAL AND HEALTH EDUCATION 12 – HOCKEY CANADA SKILLS ACADEMY
ONE SEMESTER PROGRAM
(Online Application & Academy Fee Required)

Students enrolled in SD#23 and registered in their local Minor Hockey Association have a unique opportunity to participate in a program that allows them to develop and improve their hockey skills and gain course credits. The HCSA's are based on the following principles:

- Strictly supplementary to Minor Hockey
- To provide additional training for minor hockey aged players
- Focus on individual skill development and academic achievement
- Receive instruction from fully qualified Hockey Canada instructors

OKM will offer one semester HCSA classes for students in grades 9-12. Each student selected into the program will be assisted in the planning of course selection based on individual academic goals. (Students enrolling in the program will receive credit for Physical Education at their grade level).

Visit the program website at www.okmhcsa.weebly.com to complete the online application.

APPLICATION DEADLINE IS MARCH 9, 2018

PHYSICAL EDUCATION 11- INDIVIDUAL SPORTS

This course is intended for student athletes engaged in high level training and competition which results in missed school days. This course replaces the High Performance Program. This course is a personalized learning pathway and curriculum that allows for the assessment of student learning while participating in their specific sport. While involved in organized, specific, high performance sport, and through training and competition, students will learn about all aspects of being an athlete including technical skills, tactical skills, mental training, teamwork Individual Sports Training 12 2 and leadership, physical conditioning,

and personal and social responsibility. Students will be able to relate theses aspects to their individual performance. Students will learn from a variety of experiences, hands-on practice, various types of media and literature, as well as direct and indirect instruction by the teacher, coaches, trainers and peer athletes. The students' physical activity component of PHE is satisfied through their extensive participation in their sport. **APPLICATION DEADLINE IS MARCH 9, 2018**

PHYSICAL EDUCATION 12 – SOCCER ACADEMY (Application & Academy Fee Required)
The soccer program is intended to provide students with an opportunity to further enhance their soccer skills and to grow personally both on and off the field. This program will support the Ministry's desire to increase program flexibility for students. An OKM teacher plus one-three certified soccer instructor(s) will be on the field for each session. Students enrolling in the program will receive credit for physical education at their grade level. Visit the program website at www.okmsocceracademy.weebly.com APPLICATION DEADLINE IS MARCH 9, 2018

PHYSICAL AND HEALTH EDUCATION 12- SWIMMING ACADEMY (Application & Academy Fee Required)
The goal of Swimming Academy 12 is to build students' physical and emotional well-being through the promotion of active living, movement and leadership skills in an aquatic environment. Students will develop an appreciation for personal fitness, the development of life-long physical activity and healthy lifestyle. Students will have the opportunity to engage in a variety of activities to further develop their knowledge and skills with respect to water comfort, breath control, kicking, strokes, diving and water safety. Students will be provided with field trips around the local community, qualified coaches as well as fitness instructors for dryland training. Students enrolling in the program will receive credit for physical and health education at their grade level. All students (7-12) and swim abilities are welcome in this program. Visit the program website at: http://okmswimacademy.weebly.com/ APPLICATION DEADLINE IS MARCH 9, 2018

PACIFIC SPORT PROGRAM
The Canadian Sport School Kelowna is a high performance multi-sport program for student-athletes designed to enhance their overall learning environment. Canadian Sport School participants will be exposed to a high performance lifestyle throughout the 10 month academic school year and will benefit from a flexible academic timetable that supports their competitive training schedule while allowing them to attend their public school of choice. For program information and associated costs please visit www.pacificsportokanagan.com

DANCE

DANCE 12
This class focuses on improving the skill, artistry, flexibility, strength and stamina of each dancer. All levels are encouraged to join as options will be given that allow students to advance at their own pace. Each class starts with a fun dance-related workout, then students move across the floor, learn choreography and create their own dances. Dance styles covered may include: Contemporary, Hip Hop, Broadway, African, Lyrical, Acro, Ballet, Salsa and Jazz, Group project work, field trips and optional performance opportunities are highlights of this class! Students enrolled in this course will receive credit for physical education at their grade level. This course will satisfy the Fine Arts requirement of the BC Graduation Program.

SCIENCE

BIOLOGY 12
Prerequisite: Biology 11
Biology 12 is a comprehensive course which includes the study of the human body. This course will offer labs in biochemistry areas such as cell biology, respiration, excretion, circulation, the nervous system, reproduction, cancer, and a dissection of the fetal pig. **Approved academic course for post-secondary entrance.**

BIOLOGY 12 PRE-AP (Advanced Placement)
Pre-AP Biology 12 is designed to prepare students for the opportunity to take Advanced Placement courses. Students will cover important prerequisite and foundation topics and will practice higher-level thinking skills which will prepare them for the academic challenge of AP courses. **Approved academic course for post-secondary entrance.**

BIOLOGY 12 AP (Advanced Placement)
Prerequisite: Pre-AP Biology 12
The content includes: Biochemistry, Cell anatomy and physiology, Bioenergetics, Molecular Genetics, and all organ systems of the human body. The course includes a large and important lab component. In order to finish all the material and properly prepare for the AP exam, there will be an additional one hour per week mandatory attendance seminar occurring one hour before school starts at a time to be arranged. **First year university credit may be granted upon successful completion of AP exam. Students will write the AP Biology 12 exam in May. Students will take Pre-AP Biology 12 in the first semester and AP Biology 12 in the second semester of their grade 12 year.**

CHEMISTRY 12
Prerequisite: Chemistry 11
This course is intended for students who have demonstrated an aptitude and an interest for the field of chemistry, and plan to pursue chemistry and related courses in their post-secondary education. As in Chemistry 11, there is a very strong emphasis on the use of mathematics in chemistry with a focus on problem-solving. Major units in Chemistry 12 include: reaction kinetics; chemical equilibrium; solution chemistry and solubility equilibrium; acid-base chemistry and equilibrium; and oxidation-reduction chemistry ("electrochemistry"). As in Chemistry 11, lab investigations support the understanding of course content. Due to the strong emphasis on mathematical calculations in the course, students should have a reasonably good standing in Mathematics 11 (pre-calculus) before attempting Chemistry 12. **Approved academic course for post-secondary entrance.**

PHYSICS 12
Prerequisite: Physics 11
This is a continuation of Physics 11 where treatment of the topics is mathematically and conceptually more rigorous. The areas of study are motion in two dimensions, forces in two dimensions, work, energy, power, momentum in two dimensions, equilibrium, circular motion, gravitation, electrostatics, electric circuits, and electromagnetism. **Approved academic course for post-secondary entrance.**

SOCIAL STUDIES

HISTORY 12
History 12 is an exploration of the most important developments in 20th Century World History. This course centers on the raw workings of power between nations, and therefore the course tends to focus on diplomatic and military history. Students will study the global impact of the First World War, Paris Peace Settlement, Great Depression, Second World War, and the Cold War. Students will also study important developments in China, India, and the Middle East, plus the Civil Rights Movement in South Africa and the United States. Students will learn about university writing, and how to evaluate the reliability of historical sources.

An important goal of this course is to encourage students to develop a lifelong interest in real history, and thus this course tackles the most epic developments in the 20th Century. This will result in a much deeper understanding of current world events. **Approved academic course for post-secondary.**

GEOGRAPHY 12
Geography 12 is an inquiry-based course that encourages students to develop geo-literacy skills as they study the physical world around them. Students will study a wide variety of geographic topics including Tectonic Processes (sample: Why are scientists unable to accurately predict volcanic eruptions and earthquakes?), Gradational Processes (sample: Why are floods more deadly in the developing world?), Weather and Climate (sample: How can Kelowna prepare for climate change?), Resources and Energy (sample: What is the best "green" energy for BC?), as well as the opportunity to develop and research their own inquiry questions. Methods of learning include field studies, field trips, guest speakers, research and more! **Approved academic course for post-secondary.**

COMPARATIVE CIVILIZATION 12
Comparative Civilizations 12 will cover civilizations from various parts of the world at different time periods. It will focus on student directed inquiry on a range of topics including (but not limited to) human sacrifice among the Aztecs, the marvels of Stonehenge, daily life as a Gladiator or Samurai, and the secrets to the success of people such as Alexander the Great, Anthony and Cleopatra or Attila the Hun. This is a cultural course that will cover historical background with a focus on ideas, art, daily life, architecture, religion, literature, and gender. **Approved academic course for some post-secondary institutions.**

LAW 12
This course is designed to give students an understanding of criminal and civil law. Students will study criminal law, tort or private law, family law, and rights and freedoms. Students will learn to apply the law they have studied to resolve conflict as presented in courtroom cases and in their personal and professional lives. Activities are designed to assist students to improve sensitivity and tolerance toward others and to appreciate other opinions and attitudes that may be based on different value systems. **Approved academic course for some post-secondary institutions.**

OTHER COURSES

LAKE O'HARA – PARKS AND RECREATION 12 (Application Required)
This course is available to grade 12 students only. This amazing course has students in small groups in conjunction with a teacher mentor and a community member, plan, prepare, and participate in a week long backcountry leadership and team building experience in the Canadian Rockies in September. The main project objectives include students gaining real world experiences, problem solving skills, coping skills, and environmental awareness. Students also build their leadership, interpersonal, and communication skills. Attendance at several mandatory planning sessions in the grade 11 year is required.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

LEADERSHIP 12
This course offers students the opportunity to learn and practice leadership skills. Students will take an active role in planning and implementing with the teacher acting as a facilitator. Students will learn the value of contribution through the volunteer component of the course which allows students to work with a variety of age groups on projects, activities and events throughout the community. Students will learn through a variety of low and high risk activities.

LEADERSHIP EXCELLENCE 12 (Application Required)
The Leadership Excellence program will expose students to a rich leadership education curriculum in order to develop the knowledge and skills to be exemplary leaders. Students will then be in a position to use these skills to excel as leaders in the areas they are passionate about now and in the future by taking a leadership role at OKM on one of the Program's committees. For example, students can help ease students' transition from elementary school to grade seven as members of the LINK CREW Committee, facilitate several spirit activities for OKM students as members of the Large Events Committee, or boost school spirit through weekly events.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

OUTDOOR EDUCATION 12
This course is intended to instill in students the wonder of being in nature, the courage to overcome physical challenges, and respect for our environment. In addition, this course will provide the opportunity to develop life-long outdoor skills, practical skills related to employment in the field of outdoor activities, environmental studies, health and safety, and some knowledge of the sporting retail/rental business. A strong willingness to learn new things, independence, a positive attitude, mental strength, and physical stamina are essential in taking this course. Students will also be given the chance to help plan trips, make reservations, reserve equipment, and find resource people when necessary. **This course is scheduled in the late PM with some activities taking place on the weekend.** Classes will be held most ***Tuesdays from 3:30–5:00 p.m.*** over the course of both semesters. Day trips may include activities such as hiking, mountain biking, snowshoeing, cross-country skiing, kayaking, orienteering, etc. Extended trips might include biking/camping excursion on Kettle Valley Railway, camping/day hikes, ocean exploring, winter camping, etc. Class time will include instruction on equipment and skills as students prepare for various outdoor adventures and guest presentations.
THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

PEER COUNSELLING l2 (Application Required)
Peer Counsellors are intended to do some of the most important work in the school. Their aim is to develop friendships with grade 7's and 8's and new and International students to make the transition to OKM an easy and positive experience. Peer Counsellors work one on one with these students during their assigned block. To equip Peer Counsellors for this role, they are taught interpersonal communication, conflict resolution and mediation skills and assertiveness training. Applicants should be outstanding citizens with a great work ethic and should have the 'courage to be kind' in all situations. *Current Peer Counsellors may select this course during course selection. Due to limited space in the program, NEW Students to this program will not be able to select this course during the course selection process, but if accepted into the program will be scheduled into the course by dropping a previously chosen elective.*

PEER TUTORING 12 (Application Required)
The peer tutoring program offers students in grade 10, 11, and 12 the opportunity to work with students individually and/or in a class setting. Through training, observation, and involvement, the tutor learns communication techniques and learning styles. Students registering for this course need be interested in working together with their teacher sponsor and the students in an assigned class. They must have good interpersonal skills, and be reliable. Students may need to commit time outside of school for training and other related activities. The requirements are at least a "B" average in the area a student is interested in tutoring and an excellent attendance record. Counsellor permission is required for this course. Students must apply and applications will be considered by a selection team.

PHOTOGRAPHY 12
This will be a continuation of Photography 11 where students will build on the skills they have previously learned. It is a project-based course where students will learn the history of photography as well as how light, film, paper, and chemicals interact to create a photographic image. The focus of this course will be on aesthetics and image manipulation. Producing photographic images builds enthusiasm and provides examples of levels of technical control, aesthetics, and use of light. We will survey both digital and analog photography. Projects will include the use of contrast filters, multiple-image printing, and the use of Adobe Photoshop.

PSYCHOLOGY 12
Secondary school students interested in pursuing studies leading to career areas such as teaching, early childhood education, social work, clinical psychology, counseling or those having a general interest in human behavior will find the course interesting, beneficial, and challenging. The proposed structure of the course will include discussions, lectures, guest speakers, and topic based research projects. The primary units included in this course are: review of the various psychological perspectives; research methods; developmental psychology (examining physical, social, emotional, moral, and cognitive development from birth to adolescence, study of the psycho-social development theories of Freud, Erickson, Piaget, Kohlberg); conflict resolution (review of communication skills, nature of conflict, models of resolving conflict); principles of learning (concepts of classical and operant conditioning; cognitive, humanistic, and behavioral approaches to teaching; observational learning; multiple intelligences). **This is <u>not</u> an approved academic course for post-secondary entrance.**
As with Psychology 11 this is a ***highly interactive*** course dependent on attendance and participation. Evaluation of course material will be in the form of unit examinations, unit assignments, group projects and presentations.

SUSTAINABILITY 12 – HUMAN AND NATURE STUDIES
Will Big White get more or less snow 10 years from now? What profession should I go into if I want to make a difference and a great living? What massive changes will happen to food, water and shelter in my lifetime in the world? Where are the opportunities and hope in a shifting global climate? In Sustainability 10-12, students will gain knowledge and understand the different ways that humans impact our world. Current topics, such as climate adaptation, clean / green tech and conscious consumerism will be explored with a focus on sustainable solutions. Through hands on projects, creativity, discussions and field studies, students will be encouraged to take action and become responsible citizens of the world by thinking globally and acting locally. Students will be immersed in learning about their personal passions, the wisdom in nature, eco-product design, green home portfolios, and visiting local organizations that are making a difference in our community.

YEARBOOK 12
Students looking to take this course need to be very self-directed and able to complete projects with a minimum of supervision. This course happens outside of the traditional timetable and is a linear course to ensure Yearbook completion. All students focus on the Yearbook as their primary project; however, students can specialize in design (mostly work on designing yearbook pages in our online program), photography (mostly be in charge of taking photos around the school), journalism (doing the writing for the yearbook), promotion (promoting contests and yearbook sales) or editing (checking finished yearbook pages). Check with the Yearbook Advisor if you have questions regarding this course and to find out if you'd be the right candidate for this course. THIS IS AN AFTER SCHOOL COURSE AND CANNOT BE PICKED IN PLACE OF A COURSE DURING THE DAY.

APPLICATION REQUIRED COURSES & ACADEMIES

We are very fortunate to provide these learning opportunities to students; unfortunately, there is often limited enrolment in these programs. Acceptance in these programs will be determined by the application process. Be sure to carefully follow the instructions for all "application required" programs and adhere to the deadlines for submitting applications.

Applications for each program are available on the school website.

During course selection please check the specialty program you have applied for. If for some reason, you should not have a spot a secondary elective will be scheduled in consultation with a parent and counselor / administrator.

E-SCHOOL

E-SCHOOL
Students may earn graduation credits for any Grade 10, 11 or 12 Ministry or Board Authority Authorized course they complete through distance or electronically-delivered learning. Consultation with a school counsellor prior to registering for on-line, e-school or other distance learning programs is required. Visit the e-school website for more information www.eschoolbc.com

HONOURS AND ADVANCED PLACEMENT

Honours Courses

Academic excellence is a primary goal for OKM. At OKM we are focused on creating enrichment opportunities for students. To this end, OKM offers many levels of enrichment beginning in grade 9. The philosophy of the honours courses varies from course to course so please refer to the course descriptions.

Advanced Placement (AP) Courses

Pre-AP courses are offered at the grade 12 level and are to be taken in the first semester of grade 12 as a prerequisite to the corresponding Advanced Placement course.

Advanced Placement courses offer acceleration and enrichment which allows bright and motivated students to pursue college or university studies while in high school. Students enrolled in AP courses will be required to attend mandatory weekly tutorials to complete required curriculum. AP courses are equivalent to first year university courses. Depending on enrolment, OKM offers AP Literature & Composition, AP Biology and AP Chemistry.

What are the Advantages of taking Advanced Placement Courses?

- Course credit or placement - Many Canadian universities are prepared to offer AP students exemption from taking their equivalent course, usually a first year course (called placement), or credit (actual course credits granted) for AP courses.
- Advanced preparation - Students develop writing skills, improve problem solving techniques, and develop the study habits necessary for tackling rigorous course work prior to going to university.
- Challenge - AP courses provide students with an opportunity to challenge and extend themselves intellectually.

What are the AP exams?

Each of the AP courses has a final exam. For a college or university to consider granting credit or placement students must write and pass the AP exam for that course. **Further, students may often need to score higher than a pass on the exam to earn this college or university credit.** It is important to research each university and what they require. The cost to the student to write an AP exam is approximately **$120** per course.

Do I get High School credits for AP courses as well as university?

Yes, the BC Ministry of Education recognizes all AP courses for credit towards high school graduation.

RESOURCE PROGRAM

Resource Students in consultation with parents, the resource teacher and school counselors make course selections that meet their developmental needs and strengths as well as their IEP goals. Course selections can be made during the time period courses are selected for all students. An individual program for Resource Students can then be adapted or modified at the IEP (individual education plan) meeting. Students on a modified program can participate in regular courses as well as be involved in work experience, job shadowing and fitness programs that meet their needs.

A Resource room is available at OKM for designated Resource Students to work on their individualized programs. When working in the Resource Room they may receive support from Certified Education Assistants under the direction of the Resource Teacher. Certified Education Assistants are also available to support students in regular classes with their peers as determined by the IEP Team. If you have any questions regarding the Resource Program, please contact the school and ask to speak with the Resource Teacher.

ADDITIONAL WAYS TO EARN HIGH SCHOOL CREDITS

EXTERNAL CREDIT

An external credential is earned for successfully completing a set of learning activities developed outside the Ministry of Education for which the learning is not equivalent to Ministry-developed curriculum. For example, British Columbia Conservatory of Music credential may count for Grade 10, 11 and 12 Graduation Program credits. See a counsellor if you think you are eligible for external credit.

EQUIVALENCY

Through **equivalency**, students receive credit for those courses taken outside the BC school system that substantially match the learning outcomes of Ministry-authorized or Board/Authority Authorized Grade 10, 11 or 12 courses. For example, a student may complete a course in Alberta and then receive credit through equivalency in British Columbia.

Equivalency is only granted for courses and programs that meet all of the following requirements:

- The student provides documentation that the course has been successfully completed
- The course matches a substantial number of the prescribed learning outcomes of a Ministry-authorized, Board/Authority Authorized or Locally Developed course taught within the district; and
- The course has been taken from an educational jurisdiction or institution outside the regular British Columbia school system

CHALLENGE

Challenge is a process students can use to receive credit for Ministry-Authorized, Board Authority Authorized or Locally Developed Grade 10, 11 or 12 courses where the student's prior learning is documented. A student can challenge a course if he or she has not completed the course through previous enrolment and can give compelling evidence that he or she will succeed in the challenge. For example, if you are fluent in a second language, you may be able to challenge the outcomes of an authorized course and earn high school credit for the language.

Available to OKM Students

DUAL CREDIT PROGRAMS - SD No. 23

Open a door to opportunity!

Although university and college are excellent educational routes to follow, many students require a different option to be able to further their education. SD No. 23 provides "Dual Credit" programs which allow students the opportunity to earn both high school and post-secondary course credits while in high school. These programs generally begin in September or February of their grade 11 or 12 year, depending on the program they wish to pursue. Students are able to 'shadow' any program of interest in order to help them choose their desired program. A Dual Credit application which is available from the Career Centre in each school must be completed. *Tuition grants may be available for BCIT, OC and Youth Train in Trades Technical Training*. Program information is also accessible on the SD No. 23 website at:

http://www.sd23.bc.ca/ProgramsServices/CareerLifePrograms/dualcredit/Pages/default.aspx

Youth Work in Trades (formerly SSA)

The Youth Work program is designed to allow grade 10-12 students to become registered apprentices with the Industry Training Authority (ITA) while completing BC grad requirements. Benefits of the Youth Work program are:

- Can begin as early as grade 10 or 15 years of age
- Students are registered with an acceptable employer
- Students are paid during the training process and will accumulate hours towards his/her journey person status
- Upon successful completion of 480 creditable hours, students will receive 16 high school course credits
- Level One Technical Training can be provided after successful completion of 500 hours

BCIT – Entry Level Trades Training and Technology programs

Completion of a BCIT Dual Credit program will earn students 32 high school credits and Level One Technical training for trades. All course work completed is fully transferable to BCIT second year programs as well as many other post-secondary institutions. Intake dates for a BCIT program is annually every February of the grade 12 year. Available programs are:

- Computer Information Systems
- Electricity & Industrial Electronics
- Heavy Duty Mechanic

Okanagan College - Entry Level Trades Training and Technology programs

Completion of an OC Dual Credit program will earn students from 16-32 high school credits and Level One Technical training. Intake dates for an OC program is annually every February of the grade 12 year. Available programs are:

- Aircraft Structures and Mechanic
- Automotive Collision Repair, Painting & Refinishing
- Automotive Service Technician - "Mechanic"
- Carpentry / Joinery
- Culinary Arts
- Electrical
- Health Care Assistant
- Heavy Duty Mechanic
- Plumbing and Piping
- Recreation Vehicle Technician
- Refrigeration/AC Mechanic
- Residential Construction
- Sheet Metal
- Welding – Level 1

SCHOOL BASED YOUTH TRAIN IN TRADES PROGRAMS

Through a Youth Train program, you can take courses that will give you **both high school graduation credits** and a head start towards completion of an apprenticeship program. Youth Train programs are developed and offered as partnerships between school districts and post-secondary institutions. Once you successfully complete a Youth Train program (70%) you'll get **credit for at least Level One of the technical training** (in-class) component of your Industry training program**.**

GESS – Education Assistant (Non Youth Train in Trades program)

Working in a school setting, Education Assistants perform a variety of duties, including helping to implement Individualized Education Plans for children with exceptionalities in the areas of cognitive abilities, physical challenges, health issues, behavioural challenges, autism and related disorders.

KSS – Auto Service Technician – Level 1

This program exposes the student to all aspects of service and repairs in the automotive trade with a focus on developing practical skills. It is designed to take students interested in the automotive repair trade and supply them with the necessary skills to seek employment in this industry as an apprentice automotive service technician. It is required that students have taken Automotive 11 and 12, with a serious interest in the automotive trade.

MBSS - Culinary Arts

This program allows students to spend time in each of the four training kitchens and covers all the basic skills required including: hygiene, safety and nutrition, hot and cold work, and bakery. The program places emphasis on practical skills and graduates are in high demand both locally and in major centres. Students will need to combine classroom work with a worksite placement in order to be granted Professional Cook Level 1. Apprenticeship practical training credit may also be granted by the employer as a result of prior practical experience.

MBSS – Firefighting (Non Youth Train in Trades program)

Students will work with the Westside Fire Department to start their professional Firefighter Certification (College of the Rockies program). This is a 16 credit program including Firefighter 12, Weights and Fitness 12, Work Experience 12A and 12B. Students will also get their S130 and S190 certificates (Aid, CPR, WHMIS). An entrance interview, physical fitness test, and a commitment to completing the course are required for acceptance.

MBSS – Hair Dressing

This program is designed for grades 11 and 12 students who have a serious interest in exploring hairdressing as a viable career choice. Our program is composed of theory and applied skills hairdressing courses and salon work experience hours. This is in addition to any other academic courses that they will require, by the BC Ministry of Education, for high school graduation. Students must complete all seven hairdressing courses consecutively, and complete additional industry training hours through salon jobs and/or work experience placements, for a total of 900 industry training hours. The MBS Hairdressing Academy is under the umbrella of the Industry Training Authority. Upon completion of the program students can be entered into an apprenticeship with a salon to complete a maximum of 3500 hours. Upon completion of the in-school training and apprenticeship hours, students can apply for their Red Seal certification in Hairdressing.

RSS - Emergency Medical Responder (Non Youth Train in Trades program)

EMR is a Canada wide standard for industrial first aid as well as an entry level qualification to work for an ambulance service. EMRs' may work in industry providing required medical services for worksites, especially higher risk or more remote worksites, or for ski patrol. Any students who are interested in a career in emergency medicine such as a nurse, paramedic, firefighter, respiratory therapist or doctor would benefit from this course. Specifically, the EMR course is the pre-requisite to continue on into the Primary Care Paramedic program.

Note: Preference will be given to grade 12 students with a background in Chemistry 11 and/or Biology 12.

RSS – Forest Resource Field Studies

A comprehensive forestry based program that allows students to gain hands on field work and theoretical skills in the forestry industry. Students will also receive training that enables them to qualify for their Level One – * "Utility Arborist" Certificate. This is a Certified Apprenticeship Program that will allow students to directly enter the Utility Arborist employment field.

* "Utility Arborist" means a person who undertakes any work required to prune or clear vegetation in proximity to energized electrical equipment, structures and conductors or who in the course of utility line clearing operations, prunes, falls, or removes trees which could come into contact with energized power lines.