

Artemis Place Secondary School

Course Planning Guide



2022-2023

"It is a place that still feels like home that is away from home"

Onyx, 2022

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Grade 10 Course Planning

English Language Arts	New Media 10 Literacy Studies 10
Math	Foundations of Math and Pre-calculus 10 or Workplace Math 10
Science	Science 10
Social Studies	Social Studies 10
Arts Education	Studio Arts 10
Applied Design, Skills, and Technology	Food Studies 10
Career Education	Career Life Education 10 Young Parents group (YPS) Q+ Group Social Emotional Awareness Group (SEAS)
Physical and Health Education	Physical and Health Education 10

Course Descriptions:

English Language Arts

NEW MEDIA 10 (MNMD-10) (2 credits)

New Media 10 is intended to allow students and educators the flexibility to develop a program of study centred on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 10 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through a variety of digital and print media.

LITERARY STUDIES 10 (MLTST10) (2 credits)

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

Math

FOUNDATIONS OF MATH AND PRE-CALCULUS 10 (MFMP-10) (4 credits)

This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies. This course also meets the requirements for most trades. The topics include right triangle trigonometry, operations on powers with integral exponents, linear relations and functions, multiplying/factoring polynomials, solving systems of linear equations, experimental probability, and gross/net pay.

WORKPLACE MATH 10 (MWPM-10) (4 credits) This pathway is specifically designed to provide students with the mathematical understanding and critical thinking skills identified for entry into most trades at post-secondary institutions and for direct entry into the workforce. These students should have a definite interest in a trades career path or should be planning to directly enter the workplace. The topics include puzzles and games for computational fluency, create/interpret/critique graphs, primary trigonometric ratios, metric and imperial measurement and conversions, surface area and volume, angles, central tendency, experimental probability, and gross/net pay.

Science

SCIENCE 10 (MSC--10) (4 credits)

This course is the precursor for the senior sciences (Biology, Chemistry, Physics, and Earth Science). This is a complex course, and a strong work ethic is required to complete the course material. Topics include genes are the foundation for the diversity of living things, chemical processes require energy change as atoms are rearranged, energy is conserved and its transformation can affect living things and the environment, and the formation of the universe as explained by the big bang theory.

Social Studies

SOCIAL STUDIES 10 (MSS--10) (4 Credits)

Social Studies 10 can be broadly described as a history of Canada and the world, from 1914 to the present. Students will be provided with the opportunity to examine historical and contemporary social, cultural, political, legal, economic, and environmental issues. There will be a focus on the development, structure, and function of Canadian and other political institutions, including First Peoples governance.

Art Education

ART STUDIO 10 (MVA10) (4 credits)

Studio Arts 10 will provide opportunities for students to work in a variety of media to improve their skills and visual literacy. The major component of this course will consist of design, drawing, painting, printmaking, sculpture, and art appreciation. Students will also gain an appreciation and knowledge of the elements and principles of design. Students will apply artistic processes and skills, using a variety of media to communicate meaning and intent in original artworks.

Applied Design, Skills, and Technology

FOOD STUDIES 10 (MFOOD10) (4 credits)

This course is designed to further student knowledge and skills in preparing and serving food.

Topics include safety and sanitation, nutritional requirements linked to the individual's wellbeing, meal planning, and food trends

Career Education

CAREER LIFE EDUCATION 10 (MCLEA10) (4 Credits)

Career Life Education 10 is to develop thoughtful individuals who are responsible to themselves and their larger community around them. The goal of the course is to enable students to develop the skills they need to become self-directed individuals who display initiative, establish goals, make thoughtful decisions, and take responsibility for pursuing their goals in an ever-changing society. Students will be required to participate in a weekly group workshop. Please choose one:

Young Parents (YP)

The group builds a supportive community while offering shared exploration and learning around the unique challenges and joys of young parenthood. Each year, we aim to offer content that addresses the particular needs and interests of the parents attending. This may include guest speakers, creative projects, or special outings. Readings and activities from the Power Source Parenting program ground the group with relatable guidance and discussion topics as we wind through our year together. And of course, tea and treats are a must at every group!

Q+ Community (Q+) queer & trans led group

This group will offer a safe space for members of our trans and queer community to create meaningful and relevant learning opportunities – created by the youth in the group themselves. Facilitators will support the creation, design, and implementation meaningful learning opportunities as participants share experiences, connect with like-minded individuals, and build relationship (with each other, community, and the land). Facilitators will support learning opportunities that may include topics such as: navigating gender expression, land-based healing, queer theory, history, and movements that have supported changing cultural views of gender, beyond the binary. From guest speakers, queer made films, to popcorn and podcasts - this group will provide learning to participants in a fun, supportive, youth-lead environment.

Social Emotional Awareness (SEA)

This group will offer support to participants interested in increasing their ability to better manage their mental health (anxiety/depression) and increase individual awareness of the nervous system. Facilitators will explore emotional awareness and self-regulation, as well as connections between nervous system development, environment, and self-care. The group will offer various techniques to help manage/regulate emotions (including, but not limited to, nature-based therapy, yoga, executive functioning management tips, etc.). Participants will connect with others and be offered many opportunities to learn in a friendly, fun, safer environment.

Physical and Health Education

PHYSICAL and HEALTH EDUCATION 10 (MPHED10) (4 Credits)

Students will participate in a wide variety of activities including team, individual, and lifetime sports. There are expectations of continuing development of physical abilities, student responsibility, and leadership skills. Students will also focus on various healthy and active living topics regarding mental and physical health.

Grade 11 Course Planning

English Language Arts	Composition 11
Math	Pre-calculus 11 or Foundations of Math 11 or Workplace Math 11
Science	Life Science 11 Or Environmental Science 11
Social Studies	Social Studies 11
Arts Education	Studio Arts 11
Applied Design, Skills and Technology	Food Studies 11
Career Education	Lifeskills 11 Young Parents Support group (YPS) Q+ Support Group Social Emotional Awareness Support Group (SEAS)
Physical and Health Education	Active Living 11

Course Descriptions:

English Language Arts

COMPOSITION 11 (MCMPS11) (4 credits)

Composition 11 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences.

Math

FOUNDATIONS OF MATHEMATICS 11 (MFOM-11) (4 credits)

This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. This may include some humanities, business, and fine arts programs as well as some trades and technical programs. The topics include logical reasoning, angles and triangles, trigonometry, statistical reasoning, systems of inequalities, quadratic functions, and proportional reasoning.

PRE-CALCULUS 11 (MPREC11) (4 credits)

Pre-Calculus 11 is primarily a program in the formal processes of mathematics, leading to the study of calculus. It is designed for students preparing for careers in engineering, mathematics, the sciences, economics, and some business programs. The topics include sequences and series, trigonometry, quadratic functions and equations, radicals, rational equations, absolute value and reciprocal functions, systems of equations, and linear and quadratic inequalities.

WORKPLACE MATH 11 (MWPM-11) (4 credits)

Workplace Math is specifically designed to provide students with the mathematical understanding and critical thinking skills identified for entry into most trades at post-secondary and for direct entry into the workforce. Students should have a definite interest in a trades career path or should be planning to directly enter the workplace. The topics include slope, graphs, surface area and volume, trigonometry, scale, finance, and personal budgets.

Science

ENVIRONMENTAL SCIENCE 11 (MEVSC11) (4 credits)

Environmental Science 11 deals with the environment which we live in and our interaction with it. The 4 units of study include: 1) The complex roles and relationships that contribute to diversity of ecosystems; 2) The natural processes that maintain the changing of ecosystems; 3) How human practices affect the sustainability of ecosystems; and 4) How humans can play a role in the stewardship and restoration of ecosystems.

Social Studies

EXPLORATIONS IN SOCIAL STUDIES 11 (MEPSS11) (4 credits)

Explorations in Social Studies 11 will allow students to build a strong foundation across many skill sets, engage in inquiry and community-based learning, and improve critical thinking abilities. Students will

explore various perspectives of the past, present, and future of cultures and geography through the lenses of law, social justice, philosophy, and economics. This course will allow students to enhance their understanding of our world and their place in it.

Art Education

ART STUDIO 11 (MVA11) (4 credits)

Studio Arts 11 will provide opportunities for personal expression and visual communication in a variety of areas, both two and three dimensional. These may include: drawing, painting, ceramics, sculpture, collage, textiles, printmaking, graphic design, and others. The focus of the course will be on the elements and principles of design, image development strategies, and an understanding art in its social, cultural, and historical contexts.

Applied Design, Skills, and Technology

FOOD STUDIES 11 (MFOOD11) (4 credits)

Food Studies 11 takes an in-depth look at food and food choices. Topics include: safety and sanitation, nutrition, food labeling, budgeting, shopping, the environmental impact of food choices, and the development of recipes.

Career Education

LIFESKILLS 11 (BAA LS11) (4 credits)

Health and Life Skills 11 is rooted in both individual and group learning, with special focus on personal growth and positive mental health. Using the Circle of Courage™ framework, all areas of personal development fall into the four categories of belonging, mastery, independence, and generosity. In addition, there is an extension into transition planning as well as leadership development, role modelling and inclusion and allyship. Depending upon the unique strengths and needs of each student, the course work may fall in one or any number of the circle areas. Engagement opportunities with our core values of safety, respect, and compassion will be woven throughout the program. Students will be required to participate in a weekly workshop group. Please choose one:

Young Parents (YP)

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Social Emotional Awareness (SEA)

This group will offer support to participants interested in increasing their ability to better manage their mental health (anxiety/depression) and increase individual awareness of the nervous system. Facilitators will explore emotional awareness and self-regulation, as well as connections between nervous system development, environment, and self-care. The group will offer various techniques to help manage/regulate emotions (including, but not limited to, nature-based therapy, yoga, executive functioning management tips, etc.). Participants will connect with others and be offered many opportunities to learn in a friendly, fun, safer environment.

Physical and Health Education

ACTIVE LIVING 11 (MACLV11) (4 credits)

Active Living 11 will cover a large range of sports and activities. Emphasis will be placed on lifetime sports and fitness activities. Students will be evaluated on movement, fitness, leadership, fair play, and participation. Evaluation takes place during each class; therefore, attendance is a major factor in course success.

Grade 12 Course Planning

English Language Arts	English Studies 12
Social Studies	
Science	Environmental Science 12 Anatomy And Physiology 12
Arts Education	Studio Arts 12 Metal Arts 12 Textiles 12
Applied Design, Skills and Technology	Food Studies 12 Childcare and Child Development 12
Career Education	Career Life Connections 12 Young Parents Support group (YPS) Q+ Support Group Social Emotional Awareness Support Group (SEAS) Work Experience 12 Workforce Training Certificates 12
Physical and Health Education	Active Living 12

Course Descriptions:

English Language Arts

ENGLISH STUDIES 12 (MENST12) (4 credits)

English Studies 12 is designed for all students and provides them with opportunities to refine their ability to communicate effectively in a variety of contexts to achieve their personal and career goals. Students will practice their ability to think critically and creatively about the uses of language, and will explore texts from a variety of sources that reflect diverse worldviews. They will deepen their understanding of themselves and others in a changing world and gain insight into the diverse factors that shape identity. This course will allow students to explore the importance of self-representation through text, and it will contribute to Reconciliation by building a greater understanding of the knowledge and perspectives of First Peoples. Students will also expand their understanding of what it means to be educated Canadian and global citizens.

Science

ENVIRONMENTAL SCIENCE 12 (MEVSC12) (4 credits)

Environmental Science 11 deals with the environment which we live in and our interaction with it. The 4 units of study include: 1) The complex roles and relationships that contribute to diversity of ecosystems; 2) The natural processes that maintain the changing of ecosystems; 3) How human practices affect the sustainability of ecosystems; and 4) How humans can play a role in the stewardship and restoration of ecosystems.

ANATOMY AND PHYSIOLOGY 12 (MATPH12) (4 credits)

Anatomy and Physiology 12 is a university preparatory course for students interested in pursuing careers in the sciences or health care. This course investigates how the human body works starting with the cell and working up to full body systems. Body systems studied include: digestive, circulatory, respiratory, nervous, urinary, and reproductive systems.

Art Education

ART STUDIO 12 (MVA12) (4 credits)

Art Studio 12 is for students who wish to continue their education in art in several areas of visual expression at an advanced level. Students will work in a studio atmosphere in solving individual problems in developing art imagery. Students will be expected to take an active role in shaping the process of their art education. Investigations of historical and contemporary art trends will be undertaken.

Textiles 12 (MTXT12) (4 credit)

This is a sequential course intending to extend both knowledge and practical experience with sewing project construction, design, and technology. Students work extensively with hands-on practical projects. Specific requirements will be outlined by the teacher while allowing students to choose patterns and fabrics which appeal to their interests and personal style.

Metal Art 12 (MTMET12) (4)

This course explores a series of creative metal sculpture and jewelry-making experiences. Students design and construct works of art from a variety of metals through forming, welding, and casting processes. This course is open to all grades 10,11,12, new metalwork students, as well as experienced students. Students will gain and develop their skills throughout a variety of fun, skill-challenging projects. Strong employability skills and attention to safety is required for this course.

Applied Design, Skills, and Technology

Food Studies 12 (MFOOD-12) (4 credits)

Food Studies 12 emphasizes applied skills in a group-oriented learning environment. Students collaborate to build understanding of components of multi-course meal development and preparation. Students will improve skills around food sourcing and preparation.

Career Education

CAREER LIFE CONNECTIONS 12 (MCLC-12) (4 credits)

CLC 12 focuses on applying personal career-life management knowledge, skills, and strategies to the one's own personal life journey, and includes: deepening career-life concepts and thoughtful self-

knowledge to inform personal life-long learning choices and post-graduation plans; using self-advocacy and employment marketing strategies, such as creating one's own effective public profiles; employing developed social capital, such as leadership and collaboration skills, to cultivate community networks; engaging in a substantive experiential learning opportunity of 30 hours or more that is intended to expand and/or deepen student exposure to career-life possibilities, such as service learning, volunteerism, employment, fieldwork projects, entrepreneurship, and passion projects; designing, assembling, and presenting a capstone to an audience, celebrating the learning journey and next steps toward preferred futures. Students will be required to participate in a weekly support group. Please choose one:

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Work Experience 12A (MWEX12A) (4 credits)

Work Experience 12B (MWEX12B) (4 credits)

In Work Experience students will work either with a current employer, or a volunteer organization. Together we will review safety regulations and workplace protocols at the beginning of the program. Agreement forms are required in both settings, paid and unpaid positions, so that the employer and student are both covered with a "contract." This is particularly important when working in a volunteer position. This will help students gain work experience while maintaining coverage under WBC. You will prepare a resume and cover letter as part of this course. Course credit requires the completion of 120 work hours. 1- to 4-credit options are available, depending on course duration (30 hours of work is approximately 1 elective credit, upon successful completion).

Workforce Training Certificates (MWTC12) (4 credits)

Workforce Training Certificates is a program that allows short, industry-recognized courses (e.g., FOODSAFE, WHMIS, First Aid) to be “bundled” to allow students to receive credit for their learning. In addition, short courses being offered by CompTIA, Microsoft, and other online technology courses help students access employment in the tech sector. 1- to 4-credit options are available, depending on course duration (30 hours of instruction is approximately 1 elective credit, upon successful completion).

Physical and Health Education

ACTIVE LIVING 12 (MACLV12) (4 credits)

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Name:

Course Planning Worksheet & Graduation Check

Name: _____ Date: _____ Counsellor: _____

Grade 10	Credits	Grade 11	Credits	Grade 12	Credits
Required Courses:		Required Courses:		Required Courses:	
<input type="checkbox"/> English 10 or English FP 10	4	<input type="checkbox"/> a English 11 or English FP 11	4	<input type="checkbox"/> English 12 or English FP 12	4
<input type="checkbox"/> Social Studies 10	4	<input type="checkbox"/> a Social Studies 11 or 12	4	<input type="checkbox"/> Career Life Connection 12	4
<input type="checkbox"/> Science 10	4	<input type="checkbox"/> a Science 11 or 12	4	<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> a Math 10	4	<input type="checkbox"/> a Math 11	4	<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> Physical Health Ed. 10	4				
<input type="checkbox"/> Career Life Education 10	4	Elective Courses:		Elective Courses:	
		<input type="checkbox"/> _____ 11	4	<input type="checkbox"/> _____ 12	4
Elective Courses:		<input type="checkbox"/> _____ 11	4	<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> _____ 10	4	<input type="checkbox"/> _____ 11	4	<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> _____ 10	4	<input type="checkbox"/> _____ 11	4	<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> _____ 10	4	<input type="checkbox"/> _____ 11	4	<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> _____ 10	4	<input type="checkbox"/> _____ 11	4	<input type="checkbox"/> _____ 12	4
Total Credits:	_____	Total Credits:	_____	Total Credits:	_____

Exit Exams: Graduation Numeracy Assessment 10 <input type="checkbox"/> Graduation Literacy Assessment 10 <input type="checkbox"/> 12 <input type="checkbox"/>	Graduation Requirements: <input type="checkbox"/> 52 Required Credits (includes 4 credits of Arts Ed. or ADST) <input type="checkbox"/> 28 Elective Credits (8 must be Grade 12 courses) <input type="checkbox"/> 80 Minimum number of Credits
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