

Lashburn High School
2020-2021 Course Selection Information
Grade 10

General Information:

- Students will attempt 10 credits in Grade 10
- 7 are required and 3 require student selection

Semester 1 – Fall 2020
Compulsory Classes

English Language Arts A10

Both the ELA10 and ELB10 programs explore human dimensions relative to important understandings: The Challenge and Mysteries of Life and The World Around and Within Us. Each program provides a range of experiences and resources to improve students' skill development through both literary and informational texts. The essentials of writing sentences, paragraphs, and reviews, as well as understanding and using components of visual media will be emphasized.

Grade 10 English Language Arts classes are particularly relevant to the adolescent learner. ELA10 explores human dynamics within the context of the Challenges of Life and the Mysteries of Life. ELB10 is equally important as we explore our ideas related to Equity and Ethics and the World Around Us.

Science 10

Science 10 is a foundational science course, incorporating scientific inquiry, technological problem solving, STSE (science, technology, society, and environment), decision-making, and cultural perspectives to gain an understanding of basic chemistry, motion, ecosystems and climate. An exploration of careers in science, along with a laboratory, hands-on approach are used throughout the course, which leads into the study of all sciences at the grades 11 and 12 levels.

Math: Workplace & Apprenticeship 10

This course is designed for theme-based instruction and applying mathematics to aspects of day-to-day living. Emphasis is placed on making informed decisions within these themes: Earning and Spending Money, Home, Recreation and Wellness, and Travel & Transportation. Topics include: arithmetic operations, logic & reasoning, data collection and analysis, measurement, angles, Pythagorean Theorem, proportional reasoning, and income & spending.

Wellness 10

The purpose of this program is the development of a 'Wellness' philosophy and the desire by students to pursue this philosophy as a lifelong objective. Students investigate six components of wellness: physical activity and goal setting, stress management, physical fitness, leisure, relationships, and healthy eating.

Semester 1 Elective Classes

- Students must choose one (1) of the following
- These classes are also offered in semester 2, so it is possible to take more than one during the school year

Information Processing 10

Information Processing is offered in both semesters. Students may take this course in EITHER semester, or BOTH. If this class is selected in both semesters, students will earn credits at the 10 and 20 level.

This course is an introduction to computer applications skills from a personal use perspective. Students will take certification courses through Jasperactive and become Microsoft Certified (students will choose from a variety of applications to become certified in including: Word, Excel, Powerpoint, Outlook, Access) as well as digital citizenship.

Visual Art 10

Visual Art is offered in both semesters. Students may take this course in EITHER semester, or BOTH. If this class is selected in both semesters, students will earn credits at the 10 and 20 level.

Students will explore illustration, painting, sculpture, and more, while also exploring various sources of artistic creativity. Students can expect that the following types of projects will be included in this course.

- Tile Mosaic
- 3D sculptures- wire / book
- Digital art- illustrator

Cost \$15.00

Career & Work Exploration 10

Career & Work Exploration is offered in both semesters. Students may take this course in EITHER semester, or BOTH. If this class is selected in both semesters, students will earn credits at the 10 and 20 level.

This course offers students an opportunity to access career development information in both the classroom and in a community setting. Students will gain valuable interactive experiences both in and out of the classroom as they are introduced to the community as a learning environment. Job placements in volunteer agencies and businesses are part of this course. Students (or parents) must be able to provide transportation to the workplace, unless the student can find a placement in town.

Semester 2 – Winter 2021 Compulsory Classes

English Language Arts B10

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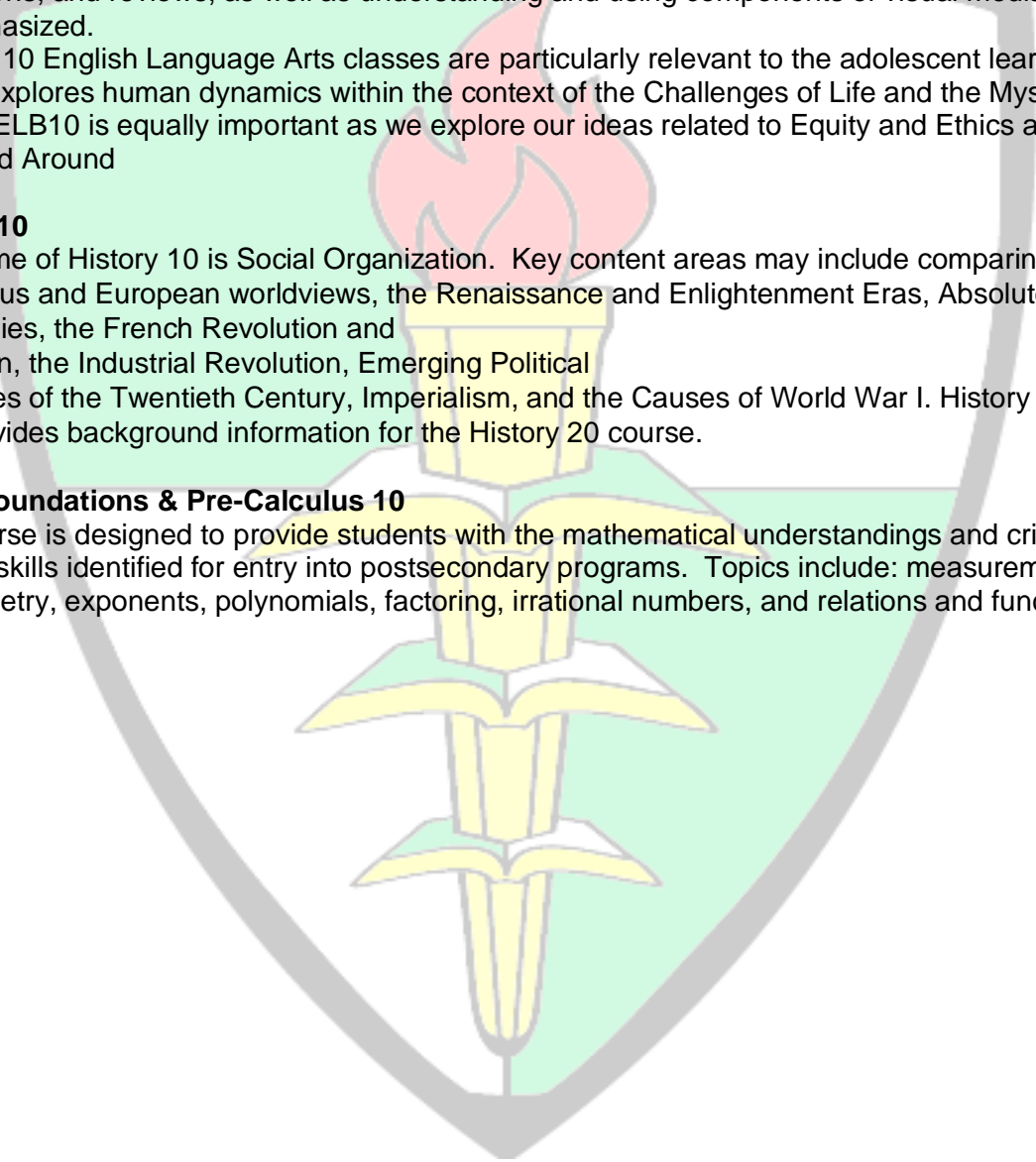
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History 10

The theme of History 10 is Social Organization. Key content areas may include comparing of Indigenous and European worldviews, the Renaissance and Enlightenment Eras, Absolute Monarchies, the French Revolution and Napoleon, the Industrial Revolution, Emerging Political Ideologies of the Twentieth Century, Imperialism, and the Causes of World War I. History 10 also provides background information for the History 20 course.

Math: Foundations & Pre-Calculus 10

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into postsecondary programs. Topics include: measurement, trigonometry, exponents, polynomials, factoring, irrational numbers, and relations and functions.



Semester 2 Elective Classes

- Students must choose two (2) of the following
- One from group A and one from group B
- Group B classes are also offered in semester 1. If students take a second offering of Group B classes, they will earn a second credit at a different level

GROUP A

PAAS A10 – Home Economics Focus

During the **food studies** portion you will learn the basics of food safety and sanitation required to work in a commercial kitchen along with standard cooking and preparation skills and techniques to start the semester. After this is completed you will have the chance to complete the entertaining with foods and creative baking modules which includes decorating your own personal cake as a final project.

During the **clothing, textiles and fashion** portion you will continue to develop sewing and needlework techniques used to construct garments and other textile products. Projects may include samples, one or two small projects, and a major project chosen by the you and approved by the teacher. As well, you will learn about clothing care and become aware of the role of clothing textiles and fashion in our daily lives.

During the **cosmetology** portion you will learn the basics of skin care. You will learn and practice the steps to a professional or home routine facial for both men and women as well as recipes to make homemade skin care products.

Cost \$25.00 + project materials for the textiles unit

PAAS B10 – Construction & Carpentry Focus

No experience required. This class provides an introduction to common woodworking tools and techniques in a safe and controlled environment. Students will learn framing basics, how to use common hand and power tools, and how to choose the correct materials (natural wood or engineered product) for a particular application. Students will get to plan, budget for and execute a woodworking project of their choosing.

Cost \$25.00 minimum (may increase with parent approval of project)

Robotics 20

This course focuses on the design, construction, operation and use of autonomous and/or radio-controlled robotic devices, as well as the computer systems necessary for their control, sensory feedback and information processing. Through project based learning, design thinking, and inquiry learning, students will explore the processes and skills needed to design and fabricate physical devices that they will control or automate. Students are able to explore wearable technologies, automation, mobile robotics and animatronics as well as traditional robotic devices. In addition, students will also develop the computational thinking and coding skills necessary to control their robotic or automated devices.

Leadership 30L

Leadership 30 is taught, learned, and evaluated using an inquiry approach to decision making. Students will explore their self-awareness and their connections between their own leadership styles and values and that of others and understand how it applies to everyday life. They will also develop a sense of empowerment to make a difference in their own and other's lives, within and outside of their communities. Finally, students will apply leadership skills that will enable them to have an impact, as they engage themselves as positive role models, in their school, community and society.

GROUP B

Information Processing 10/20

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Visual Art 10/20

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- Coloured pencil
- Pastel
- Watercolour
- Graphite drawing (portraits)

Cost \$15.00

Career & Work Exploration 10/20

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