



الاعتزاز بالماضي. الإعداد للمستقبل.  
Honoring the past. Educating for the future.

Grade 10 Unit 5 Descriptions  
Term 3 2018

English

The overall focus of the unit will be analyzing the use of **rhetoric** within dramatic expression (Julius Caesar), and in subsequence, in our own writing. Students will study specific excerpts from the play and analyze them for use of rhetorical devices such as ethos, pathos, and logos; rhetorical questions; tricolons; exaggerations; maxims, etc. This will be in addition to reinforcement of figurative devices in dramatic expression, and the overall purpose of speakers in the play, and ultimately, the purpose of the author to the audience. This will then transition into our own students' writing, where they will need to apply these persuasive/rhetorical writing techniques into their own writing and speaking/listening skills in the form of a persuasive letter and presentations.

ESS World History  
Unit 5- Early Cold War

This Unit focuses on the beginning of the Cold War between Russia and America. Students will trace the emergence of these two superpowers from the end of WW2, the gradual collapse of the Grand Alliance to the erection of the "iron curtain". Students will understand the importance of specific events such as the Berlin Blockade, Cuban Missile Crisis and the Prague Spring. This Unit addresses key historical concepts such as significance, change and continuity and causation.

Math  
Unit 5- Probability

This unit will cover different aspects of probability such as sample space, two-way tables and exploring the different types of probabilities (independent and dependent probability). Students will also be using manipulatives to explore the difference between experimental and theoretical probability.

Chemistry I  
Unit 5 - Nomenclature and Chemical Reactions

This unit will cover naming and determining the chemical formula for ionic bonds, covalent bonds, and acids. Students will also explore the law of conservation of mass and how this law is used to balance and predict chemical equations.

Chemistry II  
Unit 5 - The Mole

This unit will include a quick recap of the types of chemical reactions and will then go on to cover the topic of the mole and how it is used to indirectly count the number of particles of matter, as well as calculating the molar mass of a compound, and its percent composition.



الاعتزاز بالماضي. الإعداد للمستقبل.  
Honoring the past. Educating for the future.

Arabic

الوحدة الخامسة:

تتضمن قصة قصيرة ومقال ومهارات الاستماع والتحدث والكتابة والقراءة والنحو (ضمائر الرفع والنصب والجر) والبلاغة (التقديم والتأخير). وسيتم تحليل النص الأدبي وتوضيح الصور الجمالية ومعاني الكلمات، وتعزيز الهوية الوطنية والقيم الأخلاقية.

Arabic for Non-Arab

ستتعرف الطالبة في هذه الوحدة على درس الأسد والفأر من خلال تفسير المفردات الجديدة تقوم بتمثيل الحوار للتوصل إلى الهدف من الدرس ثم تتدرب الطالبة على استخراج الفكرة العامة لكل فقرة من الدرس ثم ربط الدرس بقيم الهوية الوطنية وفي تقديم المساعدة والعون للجميع في القواعد ستتعرف المتعلمة على كل من: الجملة الفعلية وأركانها من فعل وفاعل ثم تميز الفعل في الجملة وأنواعه.

Islamic

ستتعلم الطالبة في الوحدة الخامسة: على قصة نبي الله موسى وتلخيصها وتستننتج الدلالات والعبر فيها وتحلل المواقف فيها لتتوصل إلى أهمية إرجاع الفضل لله تعالى في نعمة العلم وأن فوق كل ذي علم عليم وأهمية تحمل المشقة والصبر لتحقيق الهدف وأداب طالب العلم والسعي إليه، وتقدير جهود العلماء في الحفاظ على السنة النبوية من الضياع، وضرورة الإيمان بالغيب لكمال الإيمان وأنواع الغيب وأن هناك علم اختص الله بعلمه وأثر الإيمان بالغيب على الفرد، وستتعرف على أهمية طاعة ولي الأمر وأثر ذلك على الرقي الحضاري وسبب بلوغ دولة الإمارات العربية المتحدة إلى المركز الأول عربياً من حيث تحقيق السعادة لمواطنيها وأهمية طاعة ولي المجتمع في تلاحم أفراد المجتمع وترابطه.

Islamic for Non-Arab

In this unit, students will learn about the story of the Prophet of Musa, then will summarize and conclude the semantics and lessons and analyze the positions in it to reach the importance of returning favors to Allah (SWT) in the grace of knowledge and the importance of carrying hardships to achieve our goals. students will learn how to be patient and will learn the ethics of seeking for knowledge. Students will admire the efforts which was achieved by the scholars to protect the Prophetic Sunnah from loss. Students will show their strong faith and their belief in the Unseen world. Students will recognize the importance of obedience to the guardian and the impact on cultural advancement and the reason why the United Arab Emirates has been reached the first place on Arab lands in terms of achieving happiness for its citizens. Students will show their loyalty to their ruler and experience the unity among the members of their society.

PE

This course helps students to develop the skills, knowledge and attitudes that lead to a healthy lifestyle and to successfully participate in a variety of fitness based activities that will deepen their understanding of health related fitness. Students will also develop an understanding of the benefits of healthy eating and setting up a fitness plan.



الاعتزاز بالماضي. الإعداد للمستقبل.  
Honoring the past. Educating for the future.

#### Computer Science

In this unit "Website Design and Green Screen" the students will be planning, creating, and publishing their own website by using different digital tools such as wix.com and Dream weaver. They will get the chance to use the green screen technology as individuals or teams to create a digital story about year of zayed 2018, acts of kindness, or anything they prefer.

#### French

Unit 5: En ville. Students will learn how to give directions, and use maps to find their way around an unknown town. They will learn about travel and tourism in Abu Dhabi. They will practice real life situations such as shopping in a French speaking country.

#### Business Studies

Unit 5 will introduce students to Marketing. Students will learn the importance of The Marketing Mix to a business and will also co-operate the marketing mix into their young enterprise business. Each enterprise will market their business around the school using creative media tools before Young Enterprise Day.

#### Biology; Environmental studies

Students will explore the different biomes across the world. They will focus on the balance of the ecosystems in each biome and how they maintain life as well as connecting it to the animals adaptations we discussed last term to ensure species survival in their specific biomes.

#### Physics: Astronomy

##### Unit 5: The Structure of the Universe

This unit is focused on looking at the universe as a whole. We will look at the Milky Way and other types of galaxies and clusters in the universe. We will also investigate black holes and quasars within our universe.

#### Math III

Term 3 we will study transcendental functions, by starting with Unit 5: Trigonometric Ratios & Functions. We will begin with studying right triangle trigonometry, before moving on to radian measure and the six trigonometric functions as defined in terms of a unit circle. We will investigate the unit circle in great depth, and finish by calculating trigonometric functions of any angle. The skills we will practice in this unit include finding unknown side lengths and angle measures of right triangles using trigonometric ratios, drawing angles in standard position in the coordinate plane, finding coterminal angles of given angle, converting between degree measure and radian measure, evaluating trigonometric functions of any angle, and using the unit circle to find trigonometric functions of quadrantal angles.