



الاعتزاز بالماضي. الإعداد للمستقبل.
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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 6- The Vietnam War

This Unit focuses on Vietnam as a "flashpoint" within the Cold War 1945-1991. Students will trace the Vietnam War from its origins to the Paris Peace Accords of 1975. Students will also investigate the impact of this war both in Vietnam itself and in countries such as the USA. This unit will also encourage students to draw wider historical connections between the Vietnam War and other areas of the past such as the Civil Rights Movement. This Unit addresses key historical concepts such as significance, change and continuity and causation.

Math

Unit 6- Right triangles and Trigonometry

In unit 6 Grade 10 will be introduced to trigonometry (sine, cosine and tangent ratio). Students will encounter a more in depth student of trigonometry in Math III. Students will first recap on the pythagorean theorem as they have been introduced to it in Grade 8. By the end of the unit students will be able to apply the pythagorean theorem when given a missing side as well as use all three trigonometric ratios both standard and inverse to calculate missing sides and missing angles.

Chemistry I

Unit 6: Types of Reactions and Reaction Rates

This unit will cover different types of reactions including combustion, synthesis, decomposition, single displacement, double displacement, and oxidation-reduction reactions. The students will also explore how energy is exchanged throughout these reactions and how these different reactions reach equilibrium.

Chemistry II

Unit 6: Stoichiometry - Particle and Mole Relationships

Students will learn to interpret coefficients of a balanced equation as mole ratios, use mole ratios from the balanced equation to calculate the quantity of one substance in a reaction given the quantity of another substance in the reaction. (given moles, particles, mass, or volume and ending with moles, particles, mass, or volume of the desired substance)



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Arabic

تتضمن نص معلوماتي ومقال ومهارات الاستماع والتحدث والكتابة والقراءة والنحو (المشتقات) والبلاغة (التقديم والتأخير). وسيتم تحليل النص الأدبي وتوضيح الصور الجمالية ومعاني الكلمات ---- وتعزيز الهوية الوطنية والقيم الأخلاقية.

Arabic for Non-Arab

ستدرس الطالبة في هذه الوحدة عن قصة الفأر والجرس وتستطيع من خلالها أن تستنتج العبرة وتحفظ الحوار في المهارات النحوية ستركز الطالبة علي الفعل وتميز أنواعه ثم تصريف الفعل مع الضمائر في الإملاء ستدرس الطالبة عن مهارة همزة الوصل في بداية الكلمة في حالات الضم والفتح والكسر

Islamic

ستتعرف الطالبة في الوحدة السادسة: على المعنى الإجمالي للآيات من سورة الكهف وتفسر مفرداتها وتلخص قصة ذو القرنين العبد الصالح وأسباب تمكنه في الأرض وتحلل المواقف في القصة وتتوصل إلى أسباب النجاح وكيفية التوكل على الله تعالى وجوانب الإبداع في قصة ذو القرنين وابتكار الحلول للمشكلات، وتؤيد مفهوم التسامح وتعارض مواقف العنف وتبين آثار التسامح على الفرد والمجتمع وتدلل على التسامح من خلال المواقف في الماضي والحاضر، وتقدر دور العلماء في رفعة المجتمع و تطوره من خلال سيرة الشيخ أحمد بن عبد العزيز آل مبارك وأهم إنجازاته وأعماله في دولة الإمارات العربية المتحدة.

Islamic for Non-Arab

New version books

Part two books were not received yet.

PE

The Badminton Module helps to achieve the standards set out by SHAPE America, as it will help the students to demonstrate fundamental movement skills in a variety of contexts; cooperate with and encourage classmates; accept individual differences and demonstrate inclusive behaviors; and engage in physical activity for enjoyment and self-expression. The focus will be on developing the skills required to play Badminton, striking, serving, smash and tactical awareness. Students will also develop their leadership skills by learning how to umpire a full game and apply the game rules properly.

Computer Science

in this unit "End of Year Final Project" students will be working on a project from the planning, designing, creating, presenting to evaluation phases. They have to use most of the digital ICT tools they learned about the whole year and the green screen technology in order to create a digital artifact for a specific purpose and target audience. The digital artifact can be a website, a blog, a movie, or animation. They will present their digital artifacts in front of a committee of juries (teachers, admin) to choose the best digital artifacts. The theme of the digital artifact is "Sheikh Zayed through my eyes" or "UAE 2021 Vision"



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French

On voyage!

Students can give information about a holiday they have been on. Students will focus on real-life holiday situations including making hotel reservations and making complaints.

Business Studies

Unit 6 will introduce students to Human Resources and will develop the students knowledge of how companies motivate and retain their employees. They will research motivational theories and analyse their impacts on employees.

Biology; Environmental studies

Students will continue their biomes study from last term and enter the aquatic ecosystems of the world. They will compare the different zones of the oceans, the organisms and types of biotic factors in freshwater systems and identify types of aquatic ecosystems across the globe.

Physics: Astronomy

U6: Cosmology

This unit focuses on the the Universe itself. We will investigate topics related to the Big Bang theory, the structure of the universe and how the matter is distributed, and the overall fate of the universe itself.

Math III

Unit description:

We will continue our study of transcendental functions in Unit 6: Exponential & Logarithmic Functions. Students will build a solid foundation of these functions so that they may be more thoroughly explored in PreCalculus and Calculus. We will begin this unit by being introduced to the Natural Base e, and learn to graph these functions. Next, students will look at and graph logarithms and logarithmic functions. Students will then study and graph exponential functions and explore the connection between exponential and logarithmic functions. Finally, students will learn about the Properties of Logarithms and use them to evaluate equations.