



Grade 9 Unit 5 Descriptions  
Term 3 2018

English

Units 5 and 6: *Hamlet* and Persuasion

During Term 3, Grade 9 English will study the Shakespearean tragedy *Hamlet*. Students will study background information about Shakespeare with a focus on his use of language, and will learn to read and understand Elizabethan English. Throughout the drama study, students will focus mainly on character development and analysis, with particular focus on motivation and perspective

Throughout and following the study of *Hamlet*, students will also learn about the art of persuasion, including persuasive method (pathos, ethos, and logos), and will put their persuasive skills into practice using *Hamlet* for inspiration.

ESS History

Unit 5- The British Raj in India and Indian Independence

This Unit focuses on the colonisation of India as well as the eventual push for Indian independence by individuals such as Mahatma Gandhi. Students will learn about the East India Company, the British Raj, India's role in WWI as well as the famous Salt March. Students will use their knowledge to assess Niall Ferguson's claim that colonisation was "positive" for India. This Unit addresses key historical concepts such as significance, change and continuity and causation.

Math

Unit 5- Right triangles and Trigonometry

In unit 5 Grade 9 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.

Biology

Students will be exploring the laws of Mendelian Genetics and Non-Mendelian genetics. Including Mendel's Laws, Co-Dominance, Incomplete Dominance, Multiple Alleles, X-linked traits, X-influenced and Blood Types. They will then apply this knowledge in constructing and analysing punnett squares and family pedigrees to identify the inheritance of genetic disorders within gene pools.



#### Arabic

في هذه الوحدة ستتعرف الطالبة على المعنى الإجمالي لقصيدة ( ذكرى جدتي) مفسرة مفرداتها من خلال السياق، وستحلل أفكار نص ( في حياة طفلة) محددة كيف تفاعلت و بنيت على بعضها، وستتعرف على الممنوع من الصرف، وتعربه، و توظفه في مواقف حياتية، وستتعرف على أحكام مطابقة العدد للمعدود في التذكير والتأنيث.

#### Arabic for Non-Arab

في هذه الوحدة ستتعرف الطالبة من خلال درس حذيفة والهدهد على أنواع الطيور البرية وتتمكن من خلال الحوار زن تبين القواعد الإسلامية في معاملة الحيوان والعطف عليه كما ستتعرف على الجملة الفعلية الفاعل والمفعول به، كما ستتعرف على القواعد الإملائية في كتابة الألف اللينة في آخر الأسماء الثلاثية وتتعرف على كتابة خط الرقعة للحروف السين والشين والصاد والضاد.

#### Islamic

ستتعلم الطالبة في الوحدة الخامسة المعنى الإجمالي لآيات سورة الواقعة وتفسر معانيها وتتعرف على مظاهر قدرة الله في الكون و خلق الإنسان وأهمية نزول الغيث وكيفية الحفاظ على نعمة الماء وفضل الله تعالى في هداية الإنسان لإشعال النار واستخدامتها في حياته التي لا يستغني عنها، وتتعرف الطالبة على أحكام الرأء من حيث التفخيم و التريق و كيفية تطبيقها أثناء تلاوة القرآن الكريم، ومن منطلق حرص الإسلام على أهمية ترابط المجتمع و نفع الفرد و المجتمع وكيف تكون الطالبة نافعة لنفسها و لغيرها من خلال حديث لا ضرر و لا ضرار وأثر تطبيق هذا الحديث على الفرد و المجتمع و بيان صور وأمثلة من أنواع الضرر الذي يلحق بالإنسان أو غيره، وتحرص على التسامح مع الآخرين و تتعرف على مفهوم التسامح وأهميته وضرب أمثلة عليها.

#### Islamic for Non-Arab

In this unit, the student will learn about the general meaning of the verses of Surah and explain its meanings and identify the manifestations of God's ability in the universe and the creation of man and the importance of Rain (Ghaith) in our life and how to preserve the grace of water and the grace of God in guiding the human to set fire and use it. Students will learn Rules of the letter (R) in terms of exaggeration and recitation and how to apply them during the recitation of the Holy Quran, based on the keenness of Islam and the importance of showing a good example of equality and having the knowledge without greedy and harmful to others and the impact of this application of these concepts on the individual and the society. Students will reflect images and examples of the types of harms that experienced by human beings. Students will recognize the concept of tolerance and the will learn how to be tolerant with others and spread happiness among others.

#### Arab Social Studies

موضوع الفصل: زايد هوية ومواقف مشهودة  
تتناول الوحدة الأدوار التي قامت بها المرأة الإماراتية قبل الاتحاد، وتتمين دورها قبل وبعد قيام الاتحاد، كما ستقوم الطالبات باستنتاج الأدوار التي أسهمت في التغيير الاجتماعي للمرأة، ودورها في مسيرة البناء والتنمية، واستخلاص المناصب القيادية البارزة التي وصلت إليها. كما سيتم التعرف إلى مسؤولية الفرد تجاه أسرته ووطنه، والتمييز بين أدوار وأهمية وشروط المسؤولية .



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#### Social studies for Non-Arab

In this unit, the students will learn about and discuss the Vision of H.H.Sheikh Mohammed Bin Rashed Al Maktoum "Excellence in development" where he describes the development of Dubai.

#### 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.

#### Art

In this unit students will work with printmaking and mix-media techniques. They will work in both abstract and representational ways and apply previous knowledge of techniques and materials to create a rich visual outcomes.

Students will respond to work of selected artists and select the most suitable one as a starting point for a final piece. They will explore selected artists and show connection to their work in drawing studies.

#### ICT (elective)

In this unit "Media and design:Green Screen" students will learn the essential design rules to create a multimedia product. Students will get a chance to plan, design, create, and evaluate a multimedia product (website, movie, infographics) as individuals or in teams using different digital ICT tools (iMovie, Wix.com) and green screen technology. They will be using green screen technology extensively in order to effectively enhance their digital creations, change the setting in stop motion animation and enhance the background during digital presentations.

#### 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 how to finance a start-up business. They will learn a number of key terms such as Revenue, Costs and Profit and will also learn how to calculate each. Students will understand the importance of estimating costs and revenue for a new business and will also study and calculate break even charts.

#### 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.



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