

## Grade 8 Unit 2

### Arabic

#### الوحدة الثانية:

مدرسة الحياة: ستدرس الطالبة في هذه الوحدة موضوعات مختلفة مرتبطة بعنوان الوحدة، تتمكن فيها من تحديد الأفكار الرئيسية والجزئية والتفاصيل المساندة، كما ستميز معاني الكلمات من خلال الجذور والاشتقاقات، وبذلك تصل إلى الفهم الكلي للنص المطلوب.

كما ستمكن من تحليل النصوص الأدبية في سياقاتها المختلفة، وتفسر الكلمات المستخدمة المعجم الورقي والرقمي، أما في القصة فتحدد الأحداث وتطور الحبكة وتتبع السرد والوصف والحوار، وفي الكتابة تستعين بالمصادر المختلفة وتفسر المصطلحات العلمية في النص المعلوماتي، وفي الاستماع تستوعب المادة المسموعة وتقوم مصداقية الشخصيات، أما في النحو فتتعرف التمييز وتعربه إعراباً صحيحاً وتوظفه في الكتابة.

### Arabic Social Studies

#### الوحدة الثانية: الإمارات والعالم

ستعرف الطالبات إلى مفهوم القوة الناعمة، ومصادرها في العالم، وأهداف تشكيل مجلس القوى الناعمة لدولة الإمارات. كما ستتعرف إلى أهمية دراسة السكان، والعوامل المؤثرة في توزيع السكان، وتفسر الخرائط والأشكال المتعلقة بتركيب السكان، وتوزيعهم.

ستحدد مصادر الاستقرار السكاني في دولة الإمارات، وتتعرف إلى أهمية النمو الحضري والتوسع العمراني وإلى العوامل التي أدت إلى النمو الحضري.

### Islamic

#### الوحدة الثانية: ومن يتوكل على الله فهو حسبه.

ستتعلم الطالبة في هذه الوحدة المعنى الإجمالي لسورة يس وتفسر المفردات الصعبة وتبين موقف أهل القرية من رسل الله تعالى وتوضح جوانب الصراع بين الخير والشر. تقرأ الحديث قراءة سليمة معبرة وتبين منزلة المؤمنين المتقين عند الله تعالى وتوضح علامات محبة الله تعالى للمؤمن التقي. وتوضح مفهوم القضاء والقدر وتبين مفهوم التوكل على الله تعالى. وتتعرف على مفهوم صلاة (الكسوف - الاستخارة - الاستسقاء) تستنبط الحكمة من مشروعية هذه السنن وتعبّر عن فوائد الرجوع إلى الله تعالى في كل حين. وتوضح صفات شخصية الشفاء العدوية رضي الله عنها وتستننتج أهمية دور المرأة في خدمة المجتمع.

### Islamic AAL

By the end of this unit students are supposed to cover the following topics:

- People of the City (Surat Ya-Sin 13-19)
- Getting Closer to Allah, glory be to Him
- Belief in Divine Decree and Predestination
- Prayers for Certain Purposes (Eclipse, Rain and Istikhara)
- Al-Shifa' bint Abdullah Al-Adawiya, may Allah be pleased with her

English

**'Heart of a Samurai'**

Students will study historical fiction; and will learn to appreciate that this is an important writing style that assists us in strengthening reading comprehension and our understanding of the world in which we live. We will complete a close analysis of the characters through a comprehension paper and write a persuasive essay in the form of a newspaper article.

English Social Studies

**The Black Death Comes to Europe**

In this Unit students will build on their learning of Medieval Europe from Unit 1. They will focus on the initial emergence of a modern economy, including the growth of banking, technological and agricultural improvements, commerce, towns, and a merchant class. They will study the origins and spread of the deadly Bubonic Plague. Students will be able to identify and explain the causes and the economic and social effects of the spread of the Black Death. They will analyze various sources from this period to make inferences and develop historical empathy.

Math

**Unit 2: Geometric Transformations**

*Students will understand that:*

- Coordinate geometry can be a useful tool for understanding geometric shapes and transformations.
- Reflections, translations, and rotations are *actions* that produce congruent geometric objects.
- A dilation is a transformation that changes the size of a figure, but not the shape.
- The notation used to describe a dilation includes a scale factor and a center of dilation. A dilation of scale factor  $k$  with the center of dilation at the origin may be described by the notation  $(kx, ky)$ .
- If the scale factor of a dilation is greater than 1, the image resulting from the dilation is an enlargement. If the scale factor is less than 1, the image is a reduction.
- Two shapes are similar if the lengths of all the corresponding sides are proportional and all the corresponding angles are congruent.
- Two similar figures are related by a scale factor, which is the ratio of the lengths of the corresponding sides.
- Congruent figures have the same size and shape. If the scale factor of a dilation is equal to one, the image resulting from the dilation is congruent to the original figure.
- When parallel lines are cut by a transversal, corresponding, alternate interior and alternate exterior angles are congruent.

Science

### **Chemical Reactions**

Students will analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred, they will compare properties of substances including density, melting point, boiling point, solubility, flammability, and odor.

They will learn to develop a model that describes and predicts changes in particle motion, relative spatial arrangement, temperature, and state of a pure substance when thermal energy is added or removed.

They will use a model to explain that atoms are rearranged during a chemical reaction to form new substances with new properties. Explain that the atoms present in the reactants are all present in the products and thus the total number of atoms is conserved. This unit will pull together the previous unit and allows students to apply previous knowledge to further their understanding of chemical reactions.

PE

### **Health Unit**

This course aims to equip students with the relevant skills, knowledge and abilities in order for them to make informed healthy choices throughout their lifetime, which will encourage them to partake in lifelong physical activity and lifelong healthy eating habits. The focus of the course will be on individual reflection and identifying personalized targets for students, while the purpose will be to ensure all students have a working knowledge of how the body works and how diet and exercise can help develop an efficient and healthy body. Students will also be provided with the opportunity to apply their knowledge by designing programmes which allow them to alter and adapt their exercise and nutrition habits to promote a healthier lifestyle.

### **Physical Unit**

This Ultimate Frisbee Module helps to achieve the standards set out by SHAPE America. This course is both an introduction to the fundamental skills and strategies of organized Ultimate Disc and a course designed to further develop individual skills for the beginning to intermediate player. Ultimate Disc requires development of the following individual skills: throwing/passing/catching, running/cutting and marking. In addition, students will gain an understanding of elementary team and personal strategies in offense and defence. Students will also learn to practice effective communication with teammates.

ICT

In this unit the students will explore Mac system in depth and learn about the essential apps that they will use across the curriculum. These apps include keynote, Pages, Garageband, iMovie. They will master the skills to create a presentation using keynote, a poster using Pages, an audio file using Garageband and a video using iMovie. They will also learn how to use Apple classroom app and Clips apps. By the end of this unit, students will become experienced users of Mac system.

## Art

Students will learn about Primary, Secondary, and Tertiary Colors. They will create a personalized Color Wheel to demonstrate their understanding of color mixing. Students will research, analyze and use the work of Brazilian artist - Romero Britto as a starting point. Students will research artists for comparison and investigate and create preliminary design options while partaking in a process of design, from concept to realization, applying and practicing painting techniques and color mixing.

## **J'habite ici**

This unit will continue to further develop students' listening, speaking, reading and writing skills and will expand their vocabulary, grammar and their cultural competence about France and French culture.

Language content:

- Students will be able to ask and say what country they come from and their nationality
- Students will be able to ask and say what city they live in
- Students will be able to say what type of a house they live in and describe its parts
- Students will be able to express likes dislikes about their house/city

Grammar:

- students will learn the conjugation of some verbs in 1st group, e.g., habiter, aimer, etc.
- students will learn what prepositions are used with countries, cities, etc

Cultural aspect:

- Students will have the opportunity to compare different sorts of houses in UAE and France