



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

Grade 10 Unit 3 Descriptions
Term 2 2018

<p>English Unit description: Poetry with the theme of 'Nature'. Students to study a variety of published poems on this theme, exploring poetic techniques, language, structure and rhyme scheme. They will write PEELA explorations as well as creating their own poems.</p>		
Teacher	Interim Assessment date	Summative Assessment
Miss Loretta Miss Jess Miss Irina	Vocabulary/spelling tests (set and taken every week) Classwork and explorations in student notebooks – marked by 4/2/2018	Blue Project Students' handwritten poetry project booklets (as per student guidance sheet given at the beginning of term). Due by Thurs 8/2/2018

<p>ESS World History Unit description: This Unit explores the inter-war years in the USA through two historical enquiry questions: 1. Were the 1920's <i>really</i> roaring for America? 2. What was the impact of the Great Depression on the lives of ordinary Americans? Each enquiry is designed to last two weeks and traces America's journey through the 1920's, economic boom and modernisation into the 1930's with the consequences of the Wall Street Crash. The Unit also looks at the New Deal and the way the USA pulls herself out of economic ruin whilst addressing whilst addressing key historical concepts such as significance and causation. This Unit also provides context for Unit 4 (World War II).</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Charlotte Miss Laura	10JS - 14/01/2018 10LM 14/01/2018 10JV - 16/01/2018 <i>Magazine cover weighing up significant aspects of the 1920s and reaching a judgement about the nature of this decade.</i>	10JS - 28/01/2018 10LM 29/01/2018 10JV - 30/01/2018 <i>Journal entry detailing historical reflections and questions about the period known as the Great Depression.</i>

<p>Math Unit description: In unit 3 pupils will be factoring polynomials using the GCF, special product as well as factoring trinomials where $a > 1$. Pupils will learn how to factor quadratic expressions in the form of $ax^2 + bx + c$ when b and c are real numbers.</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Miski Miss Catherine	25/1/18	7/2/18



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

<p>Chemistry I</p> <p>Unit description: The Periodic Table</p> <p>Students will investigate the development of the periodic table as a method of organizing elements.</p> <p>Students will investigate the characteristic properties of metals, non-metals, and metalloids and classify elements according to these properties. Examples: ductility, conductivity of heat and electricity, lustre, reactivity</p> <p>Students will relate the reactivity and stability of different families of elements to their atomic structure including; alkali metals, alkaline earths, chalcogens, halogens, and noble gases.</p> <p>Identify properties of common families of elements</p> <p>Explain how elements differ in terms of structural parts and electrical charges of atoms</p> <p>Gather and synthesize information about the Periodic Table</p> <p>Show how knowledge of chemistry is used in everyday life</p> <p>Assessment Methods: Written test, lab experiment/ project</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Leen	10 JS - Jan. 22	10 JS - Feb. 5
Miss Lindsay Sharpe	10 JV - Jan. 23	10 JV - Feb. 6
	10 LM - Jan. 24	110LM - Feb. 7

<p>Chemistry II</p> <p>Unit description: Ionic Compounds and Metals</p> <p>Students will be able to:</p> <ul style="list-style-type: none"> Identify the significance behind chemical formulas. Determine the formula and the name of an ionic compound, including those with transition metals. Utilize the periodic table to determine element charges. Correlate element name with its symbol. Identify the difference between a cation and anion. Follow the naming conventions for ionic compounds and oxyanions Explain how the electron sea model accounts for the physical properties of metals <p>Assessment Methods: Written test, lab experiment/ project</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Leen	10 LM - Jan. 24	10 LM - Feb. 6
	11 LS - Jan. 22	11 LS - Feb. 5
	12 - Jan. 24	12 - Feb. 5

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

Arabic	
Unit description:	
<p>الوحدة الثالثة: تتضمن الدروس التالية: سورة القلم ونص معلوماتي ومقال. وسيتم تحليل النص من حيث الأفكار والمفردات والصور الجمالية والأساليب ---- بالإضافة إلى المهارات القرآنية والكتابية والاستماع والتحدث والتقييم بناء على معايير واضحة تعطى للطالبة وتعزيز الهوية الوطنية والقيم الأخلاقية.</p> <p>وفي النحو درس الاستثناء، والبلاغة درس الطباق والمقابلة.</p> <p>سيكون امتحان التقويم الأول بتاريخ / 2018-1-30 والتقويم الثاني بتاريخ / 2018-2-28 أما المشاريع والواجبات ستكون في إمدودو</p>	
Teacher	Assessment date
ناريمان مجدلاوي ندى يوسف	30-31/1/2018

Arabic for Non-Arab	
Unit description:	
<p>الوحدة الثالثة تحت محور البيئة والحفاظ عليها درس الرجل والأشجار نتعرف من خلاله على أهمية الأشجار للإنسان وضرورة المحافظة عليها وتربط الدرس بأشجار مشهورة في دولة الإمارات في القواعد تشير الطالبة إلى الضمائر من خلال الدرس ثم تبين نوع هذه الضمائر وتمييزها إلى ضمائر المخاطب والمتكلم والغائب. وفي الإملاء التركيز على الهمزة في بداية الكلمة القطع والوصل والطريقة الصحيحة لكتابتها.</p>	
Teacher	Assessment date
رائدة فيصل	الاختبار التشخيصي 2018-1-16-14 التقويم الاول 2018-1-30 التقويم الثاني 2018-2-28

Islamic	
Unit description:	
<p>ستتعلم الطالبة في الوحدة الثالثة المعنى الإجمالي للآيات من (٢٨-٤٤) من سورة الكهف ومن خلال قصة صاحب الجنين تتوصل إلى أهمية شكر الله تعالى على نعمه وفضله عليها، وتتعرف على مكانة السنة النبوية وتدلل على حجبتها كمصدر للتشريع وتستقي من سنة الرسول صلى الله عليه وسلم فن التعامل مع الآخرين، وتتعرف على المنهج النبوي في الدعوة وأساليبه صلى الله عليه وسلم في تربية الجيل وغرس قيم الإسلام والمواطنة الصالحة، و تتحلى بأداب اللباس وتحقق مواصفات اللباس الساتر وتحرص على الذوق العام وإظهار صورة مشرقة لمجتمعها ووطنها، ومن خلال درس إختلاف الفقهاء ستتعرف على فوائد الإختلاف وقبول الآراء المتعددة واحترام آراء الآخرين وتبرهن على أن الإختلاف سنة كونية ورحمة للناس.</p>	
Teacher	Assessment date
سمية عبد العزيز أبو سمك	<ul style="list-style-type: none"> تسميع سورة الكهف الآيات من (٢٨-٣١) في الفترة بين ١٤-١٨ من شهر يناير. اختبار التقويم الثاني: يوم الإثنين ١٩ فبراير. تسليم المشروع : في الفترة ٢٥ فبراير إلى ١ مارس.



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

Islamic for Non-Arabs

Unit description: In term two, students are expected to learn about Surat- (Al Kahf) (28-31). The prophet's Sunnah. Students are supposed to read and recite the Quran properly and understand the Tafseer. Memorize the requested parts in the Quran and Hadith with their explanations and meanings. students learn and discuss about Islamic morals and values through islamic dress code and the etiquette of Islamic dressing for both Men and Women. Students learn about the way that prophet Muhammad ((SAAW) methodology in Da'wah. Students are requested to submit their own projects in the specific due date. students are asked to use technology and innovations in their projects.

Teacher	Assessment date
Majida Lutfi	Reciting Quran: 22 Jan 18 Assessment : 18 Feb 18 reciting Hadith: 25 Feb 18 project : 1 Mar 18 rules of recitation : 7 Mar 18

PE

Unit description:

This Athletics 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 behaviours; and engage in physical activity for enjoyment and self-expression. The focus will be on developing the skills required to participate in the variety of Track and Field Athletic events such as jumping, throwing and running. Students will also be required to develop their mental capacity as they demonstrate their ability to coach others using skill specific terminology and event tactics, as well as umpiring specific events.

Teacher	Interim Assessment date	Summative assessment date
Miss Una Miss Shauna	n/a	10 JV - 5th Feb 10LM & 10JS 6th Feb

French

Unit description:

La famille: Students can describe the physical appearance of their family members and talk about their family activities.

Teacher	Interim Assessment date	Summative assessment date
Miss Veronica	January 23 (Oral) January 30 (Written)	February 6 (Listening and Reading)



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

<p>Computer Science</p> <p>Unit description: In this unit “Develop Mini Apps”, students will get the chance to participate in Technovation Challenge 2018 in order to create simple apps to solve community issues such as health, poverty, and equality. They will work as individuals and as groups to develop the app. Meanwhile, their business and critical thinking skills will develop because they have to market their app and use App Programming language to create the app. Many computing tools will be used such as “App Inventor”, Spreadsheets (Excel), and presentation apps (Keynote).</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Rana	<p>project: App Mind Map (group)</p> <p>10LM Jan 21</p> <p>10JS Jan 23</p> <p>10JV Jan 24</p> <p>project: App Market Survey</p> <p>10LM Jan 28</p> <p>10JS Jan 30</p> <p>10JV Jan 31</p>	<p>Project: App Presentation</p> <p>10LM Feb 11</p> <p>10JS Feb 13</p> <p>10JV Feb 14</p>

<p>Business Studies</p> <p>Unit description: Unit 3 will consist of students undertaking Market research for their Young Enterprise projects. In groups they will develop and hand out surveys to the students and will then analyse the data to create a report on their market research analysis.</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Lisa	23rd January 2018	30th January 2018

<p>Biology; Environmental studies</p> <p>Unit description:</p> <p>Student will compare the components of Ecosystems and the biotic and abiotic factors which surround organisms. They will then explore the role natural selection and artificial selection have played in the adaptations and changes found in organisms in various ecosystems around the globe. They will then explore how these various changes have caused a change in bacteria and the role they have played in bacterial resistance.</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Lilla	<p>Quiz on components of the ecosystem and types of natural selection.</p> <p>Jan 23</p> <p>Students will design an imaginary organism which they will have to illustrate their understanding of the types of natural selection to ensure its survival in an imaginary Ecosystem. Project will be Due Jan 30.</p>	<p>Test: February 5 on Ecosystems, Natural Selection, Artificial Selection, Bacteria and types of resistance.</p>



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

Physics: Astronomy

Unit description: Unit 3: Our Solar System

In this unit, students will get an in-depth look at our solar system. We will look at the theory of the formation of the solar system, objects within the system, create scale models that represent the size and distance between the planets, and an in-depth look at the terrestrial and Jovian planets.

Teacher	Interim Assessment date	Summative assessment date
Miss Mariana	U3 Vocab Test and L1-2 Quiz: Tues, 23 Jan	Tues, 6 Feb

Math III

Unit description:

In Unit 3, students will extend their knowledge of rational numbers to rational functions. We will graph and transform simple rational functions, and determine how to find vertical and horizontal asymptotes. We will also perform operations on rational functions, including addition/subtraction, and multiplication/division.

Teacher	Interim Assessment date	Summative assessment date
Miss Tara Williams	25/1/18	7/2/18