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Grade 10 Unit 4 Descriptions
Term 2 2018

<p>English Unit description: Non-Fiction and Media with the theme of 'Role-Models'. Students to study a variety of published articles and information on this theme, exploring audience, purpose, form and language. They will use the online programme Achieve 3000 (which is differentiated for each student using their own skills/answers) to facilitate comprehension and develop their reading skills.</p>		
Teacher	Interim Assessment date	Summative Assessment
Miss Loretta Miss Jess Miss Irina	Pink 1 Vocabulary/spelling tests (set and taken every week) Pink 2 Unit reading progress as measured on Achieve 3000 by 4/3/2018	Blue: Multiple Choice Test Students will be asked to read a non-fiction/media text and answer the multiple choice questions. On Thurs 8/3/2018

<p>ESS World History Unit description: This Unit focuses on the Second World War through a series of two historical enquiry questions. Students will explore the causes of WWII including the Weimar Republic and Appeasement and will then analyse the impact of the war on ordinary people around the world. Students will gain an understanding of how this momentous war shaped the modern world. This Unit addresses key historical concepts such as significance, change and continuity and causation.</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Charlotte Miss Laura	10JV- 13/02/2018 10JS- 13/02/2018 10LM- 13/02/2018 <i>This assessment will focus on causation as an historical skill</i>	10JV-6/03/2018 10JS-4/03/2018 10LM-5/03/2018 <i>This assessment will focus on sources as an historical skill</i>

<p>Math Unit description: Students will learn to graph, write and use quadratic functions in standard form, vertex and intercept form. They will determine the axis of symmetry, identify the vertex as minimum and maximum as well as use the intercept form of quadratic functions to find the zeros.</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Miski Miss Catherine	22/2/18	7/3/18



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Chemistry I

Unit description: Chemical Bonds

Students will be able to:

- Predict the behavior of atoms when bonding with other atoms by understanding how atoms are most stable when they have a filled outer energy level.
- Identify which bond has occurred by analyzing the type of electron interactions in terms of transferring or sharing.
- Predict elements' bonding tendencies in terms of either sharing electrons or transferring electrons.
- Predict chemical formulas
- Write the names of ionic and molecular compounds

Assessment methods: Written assessment/ test

Teacher	Interim Assessment date	Summative assessment date
Miss Leen Mahmoud	10 JS - Feb. 19	10 JS - March 5
Miss Lindsay Sharpe	10 JV - Feb. 20	10 JV - March 6

Chemistry II

Unit description: The Covalent Bond

Students will be able to:

- Apply the octet rule to atoms that form covalent bonds.
- Describe the formation of single, double, and triple covalent bonds.
- Contrast sigma and pi bonds.
- Relate the strength of a covalent bond to its bond length and bond dissociation energy.
- Translate molecular formulas into binary molecular compound names.
- Name acidic solutions.
- Explain why resonance occurs, and identify resonance structures.
- Identify three exceptions to the octet rule, and name molecules in which these exceptions occur.
- Summarize the VSEPR bonding theory.
- Predict the shape of, and the bond angles in, a molecule.
- Define hybridization.

Assessment methods: Written assessment/ test

Teacher	Interim Assessment date	Summative assessment date
Miss Leen	10 LM - Feb. 20	10 LM - March 6

Arabic

Unit description:

الوحدة الرابعة تتضمن الدروس التالية: نص شعري وقصة قصيرة وعمود صحفي وسيتم تحليل النصوص تحليلًا أدبيًا، بالإضافة إلى المهارات القرائية والكتابية والتحدث والاستماع والنحو درس أسلوب الاختصاص، والبلاغة مراجعة لما أخذ سابقاً.

Teacher	Assessment date
ناريمان مجدلاوي ندي يوسف	



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Arabic for Non-Arab Unit description:		الوحدة الرابعة وهي تعتمد علي تمكن الطالبة من استخدام الحوار في مواقف حية باستخدام مغزى الدرس من خلال درسين تقالعة لأربعة المزهريه المكسورة ثم تطبيق الحوار بأمثلة من واقع حياة الطالبة باكتشاف أهمية الصدق و بالتوصل إلى أهمية التعاون داخل الأسرة في القواعد : اركان الجملة الفعلية في الاملاء : التاء المربوطة والمفتوحة والهاء
Teacher	Assessment date	
رائدة فيصل	الاختبار التشخيصي ٢٠١٨-١-١٦ الاختبار الأول ٢٠١٨-١-٣٠ الاختبار الثاني ٢٠١٨-٢-٢٨	

Islamic Unit description:		ستتعلم الطالبة في الوحدة الرابعة المعنى الإجمالي للآيات (٤٥-٤٩) من سورة الكهف وتفسر مفرداتها وتبين أن الدنيا دار عمل وتحلل المثل الوارد في الآيات وتطبق قواعد الحوار، وتعتبر عن تقديرها لجهود العلماء في تدوين السنة النبوية وأنواع مصنفات الحديث، وتحرص على التحلي بخلق العفة وتتعرف على الوسائل التي تعين عليها وأثر العفة على الفرد والمجتمع، ومن خلال درس أحكام الزواج تتعرف على الحكمة من تشريع الزواج وشروط عقد الزواج وحقوق الزوج والزوجة وتمثل من سيرة الرسول صلى الله عليه وسلم جوانب المودة والرحمة في تعامله مع زوجاته ورعايته لأسرته.
Teacher	Assessment date	
سمية عبد العزيز أبو سمك	<ul style="list-style-type: none"> اختبار تلاوة شفوي في الآيات (٤٥-٤٩) من سورة الكهف: في الفترة بين ٢٨ يناير إلى ١ فبراير. تسميع الحديث الشريف (إنما العلم بالتعلم): في الفترة ٢٥ فبراير إلى ١ مارس. 	

Islamic for Non-Arab Unit description: New version books Part two books were not received yet.	
Teacher	Assessment date
Majida Lutfi	Assessment : 18 Feb 18 reciting Hadith: 25 Feb 18 project : 1 Mar 18 rules of recitation : 7 Mar 18



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PE

Unit description:

This Soccer 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 soccer, dribbling, passing, control and tactical awareness. Students will also be required to develop their mental capacity as they demonstrate their ability to both understand and implement tactics in a game situation, and to display the necessary skills throughout these games.

Teacher	Interim Assessment date	Summative assessment date
Miss Shauna Miss Una		Practical: 11th -15th March Written: 11th -15th March

Computer Science

Unit description: in this unit "Animation Development", students will learn the skills they need to plan, design, create, and review an animation for a specific purpose and target audience. They will work individually in this unit to create the animation and deliver the presentation to their peers. Many apps will be learned such as "iMovie", "Digital Storyboard", padlet, tawe, and prezi.

Teacher	Interim Assessment date	Summative assessment date
Rana Subhiyeh	Project: create storyboard 10LM Feb 18 10JS Feb 20 10JV Feb 21	Project: animation file & presentation 10LM Mar 4 10JS Mar 6 10JV Mar 7

French

Unit description:

Qu'est-ce que tu fais?

Students can talk about their hobbies and how they spend their free time. Students will focus on real-life situations including shopping, weather, sports, and family activities.

Teacher	Interim Assessment date	Summative assessment date
Miss Veronica	February 20 (Oral) February 27 (Written)	March 6 (Listening and Reading) Final exam week of March 13-22



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Business Studies Unit description:		
The focus on this unit is preparing students to present their business plan to the school board in order to obtain financial support for their Young Enterprise project. Students will learn the theory of business plans and then will apply their knowledge to creating their business own plan which will include the finance element.		
Teacher	Interim Assessment date	Summative assessment date
Miss Lisa	12th February 2018	27th February 2018

Biology; Environmental studies Unit description: Organization of Life Students will compare and contrast the characteristics of organisms in Protista, Fungi, Plant and animal kingdoms and their symbiotic relationships with each other.		
Teacher	Interim Assessment date	Summative assessment date
Miss Lilla	Feb 27- Quiz on Protista and Fungi	Kingdoms Project March 6

Physics: Astronomy Unit description: Unit 4: Stars This unit focuses on stars within our universe. We will look at the types of stars and how they are classified, examine the life cycle of stars and how that cycle depends on the mass and fuel supply of that star, and describe stellar explosions and the formation of neutron stars and black holes.		
Teacher	Interim Assessment date	Summative assessment date
Miss Mariana	U4 VT and L1-2 Quiz: Mon, 26 Feb	Tues, 6 Mar

Math III Unit description:		
In Unit 4 we will be looking at Data Analysis & Statistics. We will study Normal Distributions and investigate the normal curve. We will become familiar with populations and samples, statistics and parameters, and hypotheses. Finally, we will look at the various way to collect data and how to recognize bias in a survey question.		
Teacher	Interim Assessment date	Summative assessment date
Ms. Tara Williams	22/2/18	7/3/18