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Grade 11 Unit 4 Descriptions
Term 2 2018

<p>English Unit description: Non-Fiction and Media with the theme of 'Facing your fears'.</p> <p>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 Jill Miss Sarah	Vocabulary/spelling tests (set and taken every week) 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 Tues 6/3/2018

<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	11LS- 14/02/2018 11LM- 13/02/2018 11CK- 13/02/2018 <i>This interim will focus on causation as an historical skill</i>	11LS- 7/03/2018 11LM-6/03/2018 11CK- 6/03/2018 <i>This assessment will focus on source analysis as an historical skill</i>

<p>Math Unit description: Unit 4 focuses on developing strategies on analyzing data that are collected from the result of an experiment or a survey. Students will learn to calculate z-scores and find the associated probabilities from a standard normal table. They will be introduced to experiments and observational studies and they analyze experimental designs.</p>		
Teacher	Interim Assessment date	Summative assessment date
Miss Miski Miss Catherine	21/2/18	5/3/18



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PreCalculus

Unit description:

Unit 4 continues our study of transcendental functions with a focus on trigonometric functions and their graphs. Students will study in great detail the Sine and Cosine curve, and in less detail the other trigonometric functions.

Teacher	Interim Assessment date	Summative assessment date
Miss Tara Williams	21/2/18	5/3/18

Chemistry I

Unit description:

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 Amy Lin	11 LS - Feb. 20	11 LS - March 6
Miss Lindsay	11 LM - Feb 20	11 LM - March 6
Miss Leen		

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	11 LS - Feb. 19	11 LS - March 5



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Arabic Unit description:	
الوحدة الرابعة: تتضمن قصة قصيرة ومقال ومهارات الاستماع والتحدث والكتابة والقراءة والنحو (النداء والبذل) والبلاغة (التشبيه الضمني). وسيتم تحليل النص الأدبي وتوضيح الصور الجمالية ومعاني الكلمات --- وتعزيز الهوية الوطنية والقيم الأخلاقية.	
Teacher	Assessment date
ناريمان مجدلاوي	28/2/2018
نجاح عنبتاوي	29/2/2018

Arabic for Non-Arab	
Unit description: في الوحدة سنتطرق إلى بعض اختراعات العرب والمسلمين والتي أثرت بشكل مباشر علي حياة الناس والمجتمعات الأخرى وعلي الطالبة ان تكتب عن شخصية تأثرت به وما هي الجوانب التي تأثرت بها ا في الإملاء الهمزة المتطرفة في الأسماء والأفعال الثلاثية في القواعد مهارة تعزيزية أنواع الجموع في حالات الرفع والنصب والجر	
Teacher	Assessment date
Raeda Hassan	الاختبار التشخيصي 2018-1-16 الاختبار الأول 2018-1-30 الاختبار الثاني 2018-2-28

Computer Science Unit description:		
Unit 4 "Technovation Challenge 2018" focus on using all computing and business skills learned to submit the final app as a team for technovation website. Students will create a business plan to market their app. They will film a pitch video about how their app functions. Many apps will be used such as iMovie, tawe, spreadsheet (excel), survey Monday, and padlet.		
Teacher	Interim Assessment date	Summative assessment date
Miss Rana	Project: App Pitch Video 11LS, 11CK: Feb 28 11LM : Mar 1	Project: Final App Pitch 11LS, 11CK: Mar 6 11LM: Mar 7

Islamic Unit description:	
الوحدة الرابعة: يتناول الوحدة آيات من سورة الأحزاب حيث سيتم حفظ الآيات غيباً وتسميعها ودراسة وتحليل الآيات وتوضيح الدلالات الواردة فيها. وتشرح مفهوم الشورى وأهميتها في الإسلام . ثم التعرف على مفهوم الاستدامة في الإسلام . وستكون الأنشطة التعليمية متنوعة وذلك عن طريق استخدام التكنولوجيا ومهارات حل المشكلات والمشاريع التي تخدم المادة وتنمي الإبداع والإبتكار لدى الطالبات. سيتم تقييم الطالبات من خلال اختبارات كتابية وشفوية.	
Teacher	Assessment date
خلود عبد الرزاق	تسميع الحديث من 25 فبراير - 1 مارس اختبار التلاوة من 4-8 مارس



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Islamic for Non-Arab	
Unit description: New version books Part two books were not received yet.	
Teacher	Assessment date
Majida Lutfi	Assessment : 19 Feb 18 reciting Hadith: 25 Feb 18 project : 1 Mar 18 rules of recitation : 7 Mar 18

PE Core		
Unit description: This Tag American Football 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 american football, throwing, catching, running 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 Una Miss Shauna	N/A	Practical: 11th -15th March

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 22 (Oral) March 1 (Written)	March 6 (Listening and Reading) Final exam week of March 13-22

Finance and Economics		
Unit description: Continuing on from unit 3, students will study international aspects of economics such as international trade, changes in exchange rates and free trade and protection. students will be applying their knowledge to class tasks to demonstrate understanding.		
Teacher	Interim Assessment date	Summative assessment date
Miss Lisa	15th February 2018	8th March 2018



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Biology; Zoology

Unit description: Diversity Research Project and Kingdom Animalia- Phylum Chordata

Students will be conducting an independent research project throughout the term on a phylum from the Kingdom Animalia. All phyla given are part of the invertebrate group. Students will need to find details of the organism's classification, anatomy, physiology, life cycle, habitat, and its place in the food pyramid. Student will need to create a 'lesson' where they will need to teach what they discovered to their peers. There will be peer review and teacher review.

Students will also learn information about the other group in the Kingdom Animalia, vertebrates. Students will study generally what groups are vertebrates and learn some common characteristics of each group.

The plant experiment that was started in Unit 3 will finish at the end of this unit. Students will have to write a formal lab report using the class data.

Teacher	Interim Assessment date	Summative assessment date
Miss Amy Lin	March 8th	Presentations start March 1st and will take place over several classes.

Physics I

Unit description: Students will study vectors in two dimensions. Topics to include free-body diagrams, solving for the resultant, solving for the components and Newton's three laws

Teacher	Interim Assessment date	Summative assessment date
Miss Cindy	28/02	06/03

Art

Unit description:

In this unit students will explore use of fabric as a medium for art project. They will explore different textile techniques and will research chosen artist that they will use as a starting point of their project.

After that students will create 2-3 ideas pieces for a final piece. 1st pink assessment will be of prep work in a form of an A2 sheet (sketches, artist research and artwork, reference photos, notes) and technique samples.

Students will then explore a chosen technique for their summative assessment.

Teacher	Interim Assessment date	Summative assessment date
Miss Kasia	Art Elective - 22.2.18	Art Elective - 4.3.18

Psychology I (**Sleep and Dreams**)

Unit Description: Students will describe the circadian rhythm and its relation to sleep; describe the sleep cycle; and describe the types of sleep disorders.

Teacher	Interim Assessment date	Summative assessment date
Nkecha Rucker	Feb 18th	This project will take two days to complete: February 28th and March 1, 2018 (Research Project)



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PE Sports Leadership 2

Unit description: Sports Management & Coaching

For the Sports Management module allows the students to meet the standards covered within the SHAPE curriculum. The module will take students to the next level of their coaching skills. It will allow them to develop their event management skills where they are able to earn their Level 2 in their sports leaders award, which is an internationally recognised qualification.

Sports performance Unit: Golf

This Golf 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 Golf, driving, putting, chipping 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 Una	N/A	Practical: 11th -15th March