



Scheme of Work

Grade 8

Spring Term
(Until April 2020)



Arabic

The following topics will be covered during the term:

- Talking about family using possessive adjectives.
- Weather and talking about seasons in the students country of origin.
- Continue using verbs in the present.
- Ordering verbs with singular subject.
- Practicing speaking about past topics.

The assessment will be online quizzes, in addition to worksheets completed in class and creating dialog situations.



Art

Learning Objectives for the term:

To learn record keeping skills, specifically to use personal photos and sketches as primary sources for future projects and to learn to develop and experiment with ideas towards an interesting outcome.

Look at well-known artists work and techniques and learn to grid/scale and work with the techniques of other artists using appropriate media.

Distortion techniques of same image.

Landscape drawing outside.

Perspective drawing.

Relationships between fieldwork and studio finishing.

Assessed pieces:

Work will be assessed on a continual basis based upon the criteria set for each piece of work. Emphasis will be placed on the final piece of work. Students will get the chance to display their work and peer feedback in the form of a group critique.



Biology

This term the students will study:

B4: Biological molecules: Research the structure, shape and function of biological molecules. Practical investigation will then be carried out into tests required to identify different biological molecules in foods.

B5: Enzymes: Learn to describe the structure of enzymes and link to function. Students will experimentally investigate the factors that affect enzyme action.

B7: Human nutrition: Understand the requirements for a balanced diet, the variables that affect an individual's requirements and the effects of not maintaining a balanced diet. The digestive system will be studied in terms of mechanical and chemical digestion.

Assessment will consist of topic specific tests completed in class at the end of each module. The topic tests will allow students to demonstrate their ability in the three science assessment objectives:

AO1: Knowledge with understanding.

AO2: Handling information and problem solving.

AO3: Experimental skills and investigation.



Chemistry

This term the students will study:

C2.2: Purity: Define purity and describe methods of purification including chromatography, filtration, crystallisation and distillation.

C9: The Periodic Table: Describe the Periodic Table as a method of classifying elements and its use to predict properties of elements. Describe the properties of alkali metals, halogens, transition elements and noble gases.

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Drama

This term in Drama, Grade 8 students will be learning the features of a play script - stage direction, dialogue, setting the scene, characterisation etc. The students will be shown a variety of different, short scripts and given a 'starter scene' of a script which they will work together in groups to write and complete. The unit looks at interpreting a script for performance, each group will demonstrate their understanding by extending the script and performing it to the class at the end of term.

This term, the students will be challenged to create tension and suspense within their performance to increase audience attentiveness. They will be looking at ways this is done in existing scripts/film/stage and how they can include this within their very own piece of drama.

The students will be assessed by the following methods:

Peer Assessments and Self Assessments through performance and discussion.

Q&A / Teacher Observation.

Approach towards group work.



English

In English this term, Grade 8 will be studying Shakespeare's Macbeth. Students will begin by looking at the context of the play, comparing this to the subject matter of Macbeth. The class will then be covering an analysis of key scenes, involving language analysis and various types of writing. Looking at language and comparing this to modern-day English will be a challenge, but an exciting and engaging opportunity for students, especially for those whom are studying Shakespeare for the first time.

Students will have an assessment based on key scenes of Macbeth, involving comprehension, reading for meaning and language analysis. The assessment will be created taking into account previous SATs papers, as well as IGCSE papers. The writing assessment will involve journal writing, related to the play Macbeth.



French

This term, Grade 8 pupils will be covering the following topics:

- School description and opinions
- School rules
- My ideal school

For each of the topics covered, pupils will learn to understand (reading and listening) and produce (writing and speaking) the key vocabulary and grammar covered.

Pupils will be provided with sentence builders and/or knowledge organisers containing all key vocabulary and grammar to support their learning.

Assessment will combine an informal element where knowledge is tested through in-class questioning and a more formal element involving short assessments. In February, this will be a writing assessment. The assessment in April will be a short presentation in class about their ideal school and what would be in it.

In addition, pupils will undertake regular self-quizzing in class in order to help retrieval and recall of learning.



History

After the February half-term, Grade 8 students will study a History unit from the International Middle Years Curriculum, titled 'Resilience'. This unit focuses on how success over time requires persistence.

This unit will consist of an in-depth study of the history of the eradication of the smallpox virus. Students will begin by learning about the early history of the virus and how it spreads. They will then study the different methods of variolation that were used to attempt to inoculate people from the virus. Students will learn about the development of the vaccine and finally examine the reasons why it took 180 years from the discovery of the vaccine to global eradication.

The assessment for this unit will be an in-class essay which will take place at the end of the unit over two lessons. This essay will be based on an unseen essay question, and the students will be expected to use the essay structure shown in class. The students will be able to refer to their Humanities exercise book when they are writing the essay, therefore it is essential that they keep their books neat and organised.



Geography

This term in Humanities, Grade 8 students will study a Geography unit from the International Middle Years Curriculum, titled 'Relationships'. This unit focuses on how every individual action is affected by other actions.

The students will be learning about how the movements of the tectonic plates create earthquakes, which can then result in Tsunamis. They will study the locations of the plates and assess which regions are at greater risk of earthquakes.

The students will also conduct an in-depth study of the 2004 Indian Ocean Tsunami, and discover both the short and long term political, environmental and economic implications of the disaster. The students will also research ways that sharing information globally can help to lessen the impact of a natural disaster.

The assessment for this unit will be an in-class test which will be held in a one-hour lesson towards the end of the term. The test will cover all of the content taught throughout the unit and the students will be given a list of what to revise prior to the exam.



ICT

This term, Grade 8 will be learning how to use Adobe Photoshop to help manipulate images, text and design in order to create viral advertising project on the theme Relationships. Students will be taught the following skills to help them complete the viral advertisement project in which they will be assessed on:

- resize, cropping and using different parts of the image
- lasso tool
- size and enlargement
- layers
- selections - refine edges
- colour correction
- vignettes - adding vignette to images
- selections - layer illusion
- selective colour
- blending multiple images together



Islamic Studies

هذا الفصل لدى الطلاب مقرر حفظ سورة الطلاق + حديث (العفو + كف الأذى

التجويد :المد العارض للسكون -مد اللين

التلاوة والفهم :سورة الحشر(18-24)+سورة البقرة من الآية(209-204)

الدروس :من صفات الله تعالى :العليم -إبداع الله في الكون - التأمل في خلق الله تعالى - الإسلام يدعو إلى الإسلام - آثار السلام

ملاحظة : **تأخذ الدروس على ترتيب الكتاب

**لدينا اختبار قصير واحد لهذا الترم

** الحفظ بالنسبة للقرآن الكريم والأحاديث يجب أن يكون كتابيا وشفويا.



Mathematics

This term the following topics will be covered:

Geometry

- Properties of angles
- Angles in polygons
- Angles in circles
- Pythagoras theorem

Mental Strategies

- Word problems and strategies
- BIDMAS and inverse operations
- Factors

Compound Measures

- Compound measures
- Real-life graphs

Presenting and Interpreting data

- Displaying data
- Scatter graphs and correlation
- Processing and interpreting data

Ratio and Proportion

- Simplifying and comparing ratios
- Solving ratio problems
- Direct proportion

Assessment based around the topics covered will take place at the end of the half term and at the end of the term.



Music

This term, students are looking at the topic of *Relationships* and how this can be realised in the study and performance of music. To start with, students learn how Pythagoras managed to use math to identify and list different pitches, followed by the early Greeks notion of consonance and dissonance created by the paying of pairs of notes.

By the study of contemporary music, students will be asked to identify moments of consonance and dissonance in the music and the natural urge for wanting to dissonance to be resolved.

Students will then go on to producing, observing the early rules of consonance and dissonance, simple first species counterpoint. Through observing the rules of the early Greeks, students should be able to produce a composition that clearly demonstrates the relationship between consonance and dissonance in music.

First Species Counterpoint



Assessment 1 - Students will be assessed on the sound produced a particular pair of notes - either consonance or dissonance.

Assessment 2 - Students will be assessed on the success of a first species counterpoint exercise.



P.E.

This term, pupils will be learning in Athletics, Swimming and Basketball.

In Athletics pupils will develop:

- pulling, pushing and slinging action with foam javelin, shot and discus
- a Scissor kick and Fosbury flop technique in high jump with a small run up
- performing a consistent legal long jump and triple jump with a run up
- selecting and adapting pace in sprints, middle distance and long distance running to achieve their best performance
- how to accurately measure own performance in each event and set future targets using results
- ability to warm up appropriately for each event and safely set up and participate in a number of athletics events following all event rules

All lessons are working towards developing and refining skills in athletic activities that will be demonstrated on AGS Sports Day.

In Basketball pupils will develop:

- their ability to work as a team to move the ball towards the basket to create a scoring opportunity
- improved passing and receiving whilst moving and under pressure
- their understanding and performance of a set shot in basketball under pressure
- further knowledge and understanding of the principles of set shot in unopposed and opposed situations
- performing the lay up in competitive full games
- how to perform a basic screen
- their understanding of different types of defensive tactics

Swimming:

All pupils at AGS will follow the whole school swimming curriculum. Pupils will work through ascending levels of a holistic swim programme that leads up to Cambridge iGCSE standard (Level 10). The level that pupils are working towards is determined based on their current swimming ability. The expected working level for Grade 8 is towards level 7. Some pupils will be working below or above expected levels based on their ability and previous experience.



Physics

This term the students will study:

P1.5: Forces: Define the term force and describe the effects of resultant forces on the motion of body. Students will collect valid and reliable data to investigate Hooke's law. Data will be interpreted to determine the spring constant and the limit of proportionality. The turning effect of forces will be discussed and the principle of moments will be applied to different situations.

Assessment will consist of topic specific tests completed in class at the end of each module. The topic tests will allow students to demonstrate their ability in the three science assessment objectives:

AO1: Knowledge with understanding.

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Social Studies

الدروس المقررة للدراسة حتى تاريخ 2020/4/9م

- مصادر المياه

- استخدامات المياه والأنشطة المرتبطة بها

- مشكلات المياه

- موارد المياه في سلطنة عمان

- قيام النهضة الأوروبية

- الاكتشافات الجغرافية ونتائجها

- الثورة الصناعية

أدوات تقويم الطلاب أثناء الفصل

1 - شهر يناير / سؤال قصير

1 - شهر فبراير / اختبار قصير

2 - شهر مارس / سؤال قصير

- الأعمال الشفوية و الواجب المنزلي يتم تقييمها طيلة الفصل