



# Scheme of work

## Scheme of work - Grade 7

Spring Term  
(Until April 2020)



# Arabic 1 - Grade 7

في هذا الثلاثي الأول من النصف الثاني للعام الدراسي 2020م، ستتم دراسة ما يلي :

**قراءة:** أحب من الناس العامل - الإنسان وأسرته - أحب لولدي - أميرة الصحراء - عينك جوهرة فحافظ عليها. - من مغامرات السندباد -

**الأنشطة النحوية والصرفية:** المعرب والمبني من الأسماء - الفعل المجرد والمزيد- الجملة الفعلية: الميزان الصرفي- الفعل الصحيح-الفعل المعتل - اللزوم و التعدي - الفاعل -المفعول به.

**الإملاء:** مراجعة علامات الترقيم: ( . ، ؛ ) - التاء المربوطة والتاء المفتوحة التاء المربوطة و الهاء في آخر الكلمة - ألف التفريق - المد في أول الكلمة -

**التعبير:** منهجية كتابة رسالة- تأليف قصة - تعبئة استمارة-

**الخط:** كتابة الحروف الآتية بخطي النسخ والرقعة في مواضع مختلفة من الكلمة :

أ-ع-غ- ف -ق-ك-ل-م -ن -ه- و -ي.

**الاستماع:** الصديق الوفي - الشمس والرياح - حب العصافير فراخها -طبيب الأسنان - حكاية كتابي

- اختبار قصير واحد في هذا الثلاثي.



# Arabic 2 - Grade 7

The next topics will be covered during the term:

- Talking about family using possessive adjectives.
- Weather and talking about seasons in his country.
- Continue using verbs in the present.
- start order verbs with singular subject.
- practicing speaking a round the past topics.

## **Assessment...**

- The assessment will be during online quiz with matching, true false, ..ect questions, in addition worksheets in class and creating dialog situations.



# Art – Grade 7

Learning objectives for the term:

To continue to explore the essentials of observational drawing with an emphasis on still life groups. Firstly natural objects eg: shells, flora, then onto more complex man made objects with ellipses and reflective surfaces

To grasp the essentials of observational drawing and mark making with a variety of media. Specifically line drawing, tone and textural drawing.

Sketchbook observational drawing will culminate in creating a still life composition with fruit and/or found objects.

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.

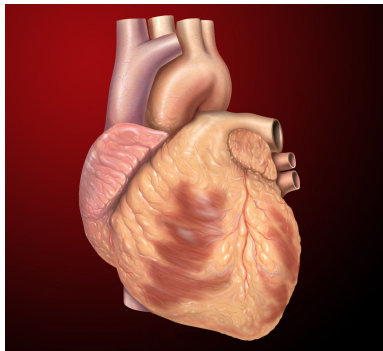
Marks are out of 10 (easily converted to percentages or a letter grade)



# Biology - Grade 7

This term: Students will continue to study the digestive system and enzymes and must be able to describe and explain the roles of the different organs inside the body. Students will study how enzymes work and the conditions affecting their action.

Students will then move onto the circulatory system, studying the structure and function of the heart and how the different blood vessels in the body are adapted to supplying nutrients to and removing waste products from the body's cells.

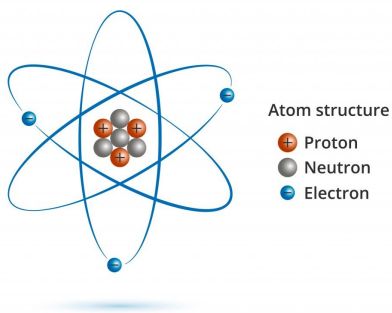


Assessment: Students will be assessed upon the conclusion of the topics, this will take the form of a written assessment using past exam questions.



# Chemistry - Grade 7

This term: Students will study material properties learning new vocabulary to describe these properties and relating properties to atomic structure. Students will continue to develop their understanding of chemical bonding, the structure of macromolecules, hydroxides, oxides and carbonates and how to name compounds. Students will then move on to study the various methods by which we separate mixtures.



Assessment: Students will be assessed upon the conclusion of the topics, this will take the form of a written assessment using past exam questions.



# Drama - Grade 7

This term in Drama, Grade 7 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, surrounding the theme 'bullying'. 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. We 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.



Assesments:

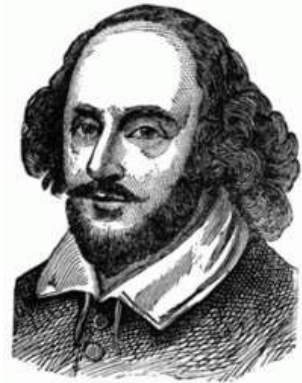
Peer Assessments and Self Assessments through performance and discussion.

Q&A / Teacher Observation.

Approach towards group work.



# English - Grade 7



Grade 7 will study Shakespeare's play *A Midsummer Night's Dream*. Within the scheme of learning there will be comprehension tasks: meaning exploration, inference and structure investigation; and descriptive writing tasks, using adjectival phrases, noun phrases, powerful adverbs, prepositions, sensory descriptive features. Students will be required to familiarise themselves with key vocabulary specific to the text.







# French - Grade 7

This term Grade 7 pupils will be covering the following topics:

- Hobbies
- Countries revision and past holidays

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**

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 a past holiday: where they went, what they did.

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



# Humanities - Grade 7

Grade 7 students will be focusing on creativity and bringing innovative ideas into new or existing concepts and how they can be expressed in a new way. They will be expected to identify how natural and man-made resources can be used in a creative manner. Students will be encouraged to think about how their locality influences the nature of human activities within them and develop skills to use and interpret globes, maps, atlases, photographs and satellite images.

- How did cave dwellers use caves creatively for shelter?
- Pupils will be encouraged to use innovative ideas about how they could get fresh, hot or cold water.
- Develop an understanding about the concept of irrigation and how various countries use irrigation to grow food and build an irrigation system in which they move water from one source to a different location.
- Each student will be expected to select an environment and to problem solve how they will get food, water, shelter and how to use the local area for transport.

Assessment:

- Making a 3D model
- Presentation
- Model Bridge
- Charts to show how different people use innovation to get clean water
- Test



# ICT - Grade 7

This term we will continue with our Python Programming skills introduced at the end of Term 1 students will be introduced to Python through a series of lessons based on the theme Creativity. They will be given existing programs to become accustomed to using the Python GUI and syntax, alongside the opportunity to extend their programming skills by extending / amending program and creating ones from scratch. Students will become familiar with;

- Syntax
- Arithmetic
- Variables
- Comparison Operators
- WHILE Loops
- Data Types
- IF statements



# Islamic Studies - Grade 7

هذا الفصل لدى الطلاب مقرر حفظ سورة القلم + حديث ( استجابة الدعاء + عاقبة الكبر )

التجويد : لام لفظ الجلالة ( الله ) + تقخير الراء

التلاوة والفهم :سورة مريم من الآية ( 41 - 58) + سورة الشعراء من الآية (176-190)

الدروس :صلة العقيدة بالسلوك -الغسل- هجرة الرسول إلى المدينة المنورة (1+2)- من مظاهر قدرة الله تعالى في الأرض- الإيثار- زكاة الأنعام.

ملاحظة : \*\*تأخذ الدروس على ترتيب الكتاب

\*\*لدينا اختبار قصير واحد لهذا الترم

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



# Mathematics – Grade 7

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

## **Fractions and Decimals**

- Ordering decimals
- Adding and subtracting decimals
- Multiplying and dividing decimals
- Writing fractions as decimals
- Writing decimals as fractions

## **Time and Rates of Change**

- Plotting points
- Interpreting real-life graphs
- Drawing graphs
- Travel graphs

## **Presenting and Interpreting data**

- Frequency diagrams and pie charts for discrete data
- Line graphs
- Histograms
- Stem and leaf diagrams
- Interpreting and comparing data and diagrams

## **Fractions, Decimals and Percentages**

- Equivalence of fractions, decimals and percentages
- Fractions, decimals and percentages of amounts
- Percentage increase and decrease

## **Sequences, Functions and Graphs**

- The  $n$ th term
- Functions
- Linear graphs

## **Transformations**

- Rotations
- Translations
- Reflections and Enlargements.



# Music - Grade 7

This term students will be studying the topic *Creativity*. In particular, through playing the keyboard, students will be able to appreciate the creative process employed in Pachelbel's *Canon*. Furthermore, students will also look at Maroon 5's *Memories*: the song itself is constructed on the very chords employed by Pachelbel.

Once familiar with Pachelbel's *Canon*, just like Maroon 5, students will compose their own melody to fit the chord pattern. This will be notated using music notation software and students can make keep a record of their final piece by producing an mp3 file of it.

MARON 5  
MEMORIES



## Assessment

Assessment 1 - Perform Pachelbel's *Canon* as part of a whole-class ensemble.

Assessment 2 - Demonstrate on the keyboard individual parts of Pachelbel's *Canon*.

Assessment 3 - To compose and record a melody to fit the chords of Pachelbel's *Canon*.



# P.E. - Grade 7

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 basic scissor-kick and Fosbury flop technique in high jump
- a legal long jump and triple jump with a run up
- selecting and adapting pace in sprints, middle distance and long-distance running
- how to accurately measure own performance in each event
- being able to 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
- their understanding and performance of a set shot in basketball
- an understanding of the principles of set shot in unopposed and opposed situations
- performing a lay up in small game situations.
- an understanding of half court man-to-man defence.

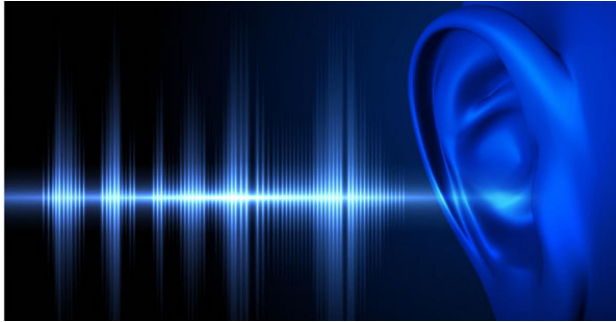
Swimming:

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 7 is level 6. Some pupils will be working below or above expected levels based on their ability and previous experience.



# Physics - Grade 7

This term: Students will study sound, its properties and how it can be manipulated, by the end of the topic students should be able to interpret oscilloscope traces of sound waves and to calculate wavelengths and frequencies. Students will then move on to studying the properties of light and how it interacts with objects and can be manipulated (reflection, refraction and diffraction).



Assessment: Students will be assessed upon the conclusion of the topics, this will take the form of a written assessment using past exam questions.





# Social Studies- Grade 7

الدروس المقررة للدراسة حتى تاريخ 9/4/2020م

- الاستيطان الريفي والحضري

- الريف ومشكلاته

- التحضر ومشكلات المدن

- الاحتياجات السكانية

- الحضارة المصرية القديمة

أدوات تقويم الطلاب أثناء الفصل

- شهر يناير / سؤال قصير 1

- شهر فبراير / اختبار قصير 1

- شهر مارس / سؤال قصير 2

- الأعمال الشفوية و الواجب المنزلي يتم تقييمها طيلة الفصل