



Scheme of work

Scheme of work - Grade 6

Spring Term
(Until April 2020)



Arabic 1 - Grade 6

في هذا الثلاثي الأول من الفصل الدراسي الثاني سيتم تدريس ما يأتي:

قراءة: على قمة الجبل – هل من حل لهذه المشكلة؟- تدوير النفايات- رسالة من الألسكا- بطلان صغيران- طفلة تتحدى الصمت و الظلمة- الشغف بالألوان- رحلة إلى الجبل –

التحدث: قراءة منشور توعوي – الدعاية لكتاب جديد – تقديم عرض شفويا .

الأنشطة النحوية والصرفية: الكشف في المعجم – جمع المذكر السالم – جمع المؤنث السالم – المثنى -

الإملاء: الهمزة المتوسطة على الياء - الهمزة المتوسطة على السطر - الهمزة المتطرفة -

التعبير: وصف البيئة – كتابة المقطع التوجيهي – الكتابة عن مستند بصري – وصف لوحة فنية – الكتابة عن هواية – الكتابة عن شعار

الخط: خط الرقعة تطبيقات

الاستماع: بن سولع – طفلة من القطب الشمالي – ممارسة الهوايات المفضلة.

النص الشعري: تلك الطبيعة – مرح الطفولة – هواية -



Arabic 2 - Grade 6

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 through online quizzes with matching, true false, ..etc. questions. In addition, students will be assessed through worksheets in class and through creating dialogue situations.



Art – Grade 6

This term students will learn about mark making using a variety of media such as pencil, charcoal, graphite, ink, pastel and paint to create a complete illustration.

Students will create an illustration on the theme of “This is me”.

Students will use symbols and other decorative effects to enhance their art works.

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 6

This term students will be studying micro-organisms and the structure of multicellular organisms. Students will research the harmful effects of different types of micro-organisms on the human body and look at ways in which to prevent transmission. Plant and animal cell structures will be investigated and students will learn to label the organelles of cells. Students will learn how to link structure to function for different specialised cells with special emphasis on the nervous system.

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 - Grade 6

This term students will be investigating the periodic table in more detail. The typical properties of metals and non-metals, alloys and polymers will be researched. Students will practice drawing tables and graphs to allow the reliable analysis of data. Interpretation of experimental data will be carried out to allow conclusions to be drawn from data in different formats.

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.



Drama - Grade 6

This term in Drama, Grade 6 students will be introduced to the script of Oliver, this year's School Musical. We will be concentrating mainly on choreography, singing, chorus performance; All students will be expected to recite the lyrics by the end of term. There are a total of 6 songs with movement that need to be learnt and rehearsed ready to perform on stage to an audience.

Grade 6 will develop their skills in character development and how to deliver a confident and convincing performance to an audience. Elements of drama will be recapped, along with techniques learnt in music.



Assessment:

No formal assessment will take place this term, however each student's effort and effective techniques applied will be noted. This performance will be open to all parents to come and watch on the 1st and 2nd April, to see what the children have been working towards. We hope to see you there.



English - Grade 6

In Grade 6 this term, we are looking forward to studying William Shakespeare, specifically his play *The Tempest*. *The Tempest* is a play, set on a mysterious island and children are always captivated by its danger and magic. We will be using the play in a variety of different ways. Through reading, we will be honing our inference skills by completing character profiles, and, in creative writing, we will be using the plot as a springboard for fictional diary entries.

Alongside *The Tempest*, we will be continuing with our regular SPaG and library sessions. The library is a hugely beneficial part of our week where children are given the opportunity to read and discuss books they have chosen themselves to read, and our SPaG will be directed towards getting the students to write using a wider range of sentence types.

There will be reading and writing assessments during the final week of the term. These will be papers based on different samples of writing and will include questions based on comprehension, inference, creative writing and grammar skills.



French - Grade 6

This term Grade 6 pupils will be covering the following topics:

- School subjects and school items / daily routine / time
- Family and pets

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 their family and any pets.

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



Humanities - Grade 6

This term in Geography we will be covering **weather** and **climate**.

- Be able to identify geographical patterns and to use their knowledge and understanding to explain them.
- Be able to use appropriate geographical vocabulary to describe and interpret their surroundings
- Be able to use and interpret globes and maps in a variety of scales
- Be able to communicate their knowledge and understanding of geography in a variety of ways
- Understanding how localities are affected by natural features and processes
- Know about the principles of condensation and evaporation
- Know that matter is made up of particles

Assessment: Quizzes, Open Book Tests, Essay writing, Multiple Choice Questions, practical experiments and observations.



ICT - Grade 6

Grade 6 this term will be looking to complete their project work on Spreadsheets using Google Sheets to create a spreadsheet model which will help display and organise data using the following skills:

- simple formula including +, -, / and * functions
- simple formatting techniques (merge, wrap and formatting font)
- complex formula including MIN, MAX, IF Functions & COUNT Functions
- compare sets of data using tables, graphs and models
- examine patterns in data using charts and trend lines
- apply mathematical reasoning to investigate a problem
- apply problem solving strategies to develop a solution

These skills will allow students to organise, calculate, graph, and analyse data. These skills provide a critical foundation in preparation for future studies and the workplace. Today, many careers require knowledge of how to use a spreadsheet program.



Islamic Studies - Grade 6

هذا الفصل لدى الطلاب مقرر حفظ سورة الجن + حديث (لباس المرأة وأدب العطاس)

التجويد : من أحكام النون الساكنة والتوين :الإقلاب

التلاوة والفهم :سورة المؤمنون +سورة الحاقة

الدروس : الرسل في القرآن الكريم -تبليغ الدعوة الإسلامية للقبائل - معجزات الرسل - أهمية الوقت- صلاة الكسوف والخسوف - بيعتنا العقبية.

ملاحظة : **نأخذ الدروس على ترتيب الكتاب

**لدينا اختبار قصير واحد لهذا الترم

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



Mathematics – Grade 6

Fractions, decimals and percentages

- Recognise the equivalence of simple fractions, decimals and percentages.
- Simplify fractions by cancelling common factors and identify equivalent fractions; change an improper fraction to a mixed number, and vice versa; convert terminating decimals to fractions
- Compare two fractions by using diagrams, or by using a calculator to convert the fractions to decimals
- Add and subtract two simple fractions, fractions of quantities (whole number answers); multiply a fraction by an integer.
- Understand percentage as the number of parts in every 100; use fractions and percentages to describe parts of shapes, quantities and measures.
- Calculate simple percentages of quantities (whole number answers) and express a smaller quantity as a fraction or percentage of a larger one.
- Use percentages to represent and compare different quantities.

Mental strategies

- Use known facts and place value to multiply simple decimals by one-digit numbers Calculate simple fractions and percentages of quantities

Shapes and geometric reasoning

- Start to recognise the angular connections between parallel lines, perpendicular lines and transversals.
- Calculate the sum of angles at a point, on a straight line and in a triangle, and prove that vertically opposite angles are equal; derive and use the property that the angle sum of a quadrilateral is 360° .

Time and rates of change

- Draw and interpret graphs in real life contexts involving more than one stage, e.g. travel graphs.
- Know the relationships between units of time; understand and use the 12-hour and 24-hour clock systems;
- interpret timetables; calculate time intervals.

Processing and presenting data

- Draw and interpret:
 - bar-line graphs and bar charts
 - frequency diagrams for grouped discrete data
 - simple pie charts
 - pictograms

Interpreting and discussing results

- Draw conclusions based on the shape of graphs and simple statistics.
- Compare two simple distributions using the range and the mode, median or mean.

Homework

Homework will be set at least weekly and will usually consist of a short activity to either practise or extend work completed in class. In some cases, preparation (or flipped learning) may be used to prepare pupils for new topic.

Assessment

Assessment will combine an informal element where knowledge is tested through in-class questioning and homework and a more formal element involving short assessments. In February and again in April, there will be a slightly longer in-class assessment.

In addition, pupils may undertake weekly mental maths and/or times tables activities as appropriate.



Music - Grade 6

This term students in year 6 will be taking part in the forthcoming production of the musical *Oliver!* During class time, students will learn the main choruses from the show, supporting the work undertaken on the script during their drama lessons.

Throughout this term, emphasis will be placed on singing technique; breath support, tone, projection and enunciation. With fundamental technique observed, students will be able to perform with assuredness and clarity.



Assessment

No formal assessment will take place this term, however each student's effort and effective techniques applied will be noted. This performance will be open to all parents to come and watch on the 1st and 2nd April, to see what the children have been working towards. We hope to see you there.



P.E. - Grade 6

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

Athletics:

- In this unit, pupils will be refining their understanding of throwing for distance using a range of objects and jumping for distance and with accuracy.
- Pupils will accurately replicate running challenges and competitions that require both speed and stamina.
- In all athletic activity, pupils will engage in performing skills, measuring and recording their own performance.
- Pupils will develop the ability to follow safety procedures and handle equipment correctly.

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

Basketball:

- In all basketball related activities, pupils will think about the use of strategies to outwit opponents.
- Pupils will focus on improving the skills of passing, receiving, dribbling, shooting and tactical play in a range of environments.
- They will learn to make informed decisions during small sided games, recognising opportunity for competitive games and leadership.
- Pupils will develop their understanding of the effects of exercise and will develop an attitude of fair play and enjoyment.

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



Physics - Grade 6

This term students will be investigating and learning about energy and energy resources. There will be discussion of both renewable and non-renewable resources and how energy is used. The forms of energy and conversion of one form to another will be discussed along with efficiency and how energy is transferred. Energy from foodstuffs and different units of energy will be investigated. The theory of conservation of energy will be highlighted.

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.



Social Studies- Grade 6

الدروس المقررة للدراسة حتى تاريخ 9/4/2020م

- مكونات الغلاف الجوي

- العوامل المؤثرة في توزيع النظم البيئية

- بيئة الغابات المدارية

- بيئة الحشائش المدارية

- بيئة الصحاري الحارة

- انجراف التربة

- تدهور النباتات الطبيعية

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