



# Scheme of work

## Scheme of work - Grade 7

Summer Term  
(Until June 2020)



# Arabic 1 - Grade 7

## نظرة عامة على المحتوى التعليمي لتقييم طلاب وطالبات الصف السابع

أولاً : يشتمل امتحان اللغة العربية على أربعة أسئلة ( القراءة - النصوص الأدبية - التطبيقات اللغوية - الإملاء والترقيم ) وتكون الأسئلة كالتالي :

- **يراعى أن يكون سؤال القراءة :** وهي عبارة عن فقرة من خارج الكتاب المدرسي وعليها أسئلة لقياس الفهم لدى الطلاب

- **يراعى في أسئلة النصوص الأدبية :** أن تكون من النصوص المقررة على الطالب ، بالإضافة إلى سؤال يقيس مهارة حفظ الطالب للنصوص المقررة .

- **تكون أسئلة التطبيقات اللغوية :** عبارة عن فقرة من خارج الكتاب تتضمن الأساليب التي درسها الطالب بحيث تشمل أسئلة : 10 درجات :

. - الإعراب لبعض الكلمات التي تحتها خط في الفقرة

- استخراج بعض الأساليب والموضوعات التي درسها الطالب من الفقرة

. - ضبط الكلمات داخل جمل

. - إنشاء الطالب لجمل تتضمن أساليب درسها

-- **سؤال الإملاء والترقيم :** يكون سؤالاً مستقلاً يلي سؤال التطبيقات اللغوية : 8 درجات

**توزيع الدرجات :**

القراءة 8 درجات - النصوص 12 درجة - التطبيقات اللغوية 10 - الإملاء والترقيم 8 درجات



# Arabic 2 - Grade 7

This term in Arabic 2 the students will be completing work around the following topics:

- How to introduce oneself and talk about family (Revision)
- Colours and talking about furniture (Revision)
- Using order verbs in the singular form.
- Producing dialogue to be used in a hospital.
- Producing dialogue to be used in the context of transport.

**Assessment:**

The assessment will be a video dialogue with sample questions assessing understanding, and true/false statements relating to the lessons completed.



# Art – Grade 7

This term in Art, Grade 7 will be taking part in a variety of practical tasks surrounding the areas of:

Spatial Relationships

Perspective

Pattern

Texture

## **Assessment**

Assessment will take place on a continual basis: teacher/student, self-appraisal, and group discussions.



# Biology - Grade 7

**Reproduction and Foetal development (pages 136 - 144):** Students will study reproduction and foetal development including details of sexual and asexual reproduction including how genes are transferred from parents to offspring, how adolescence progresses and how identical and non-identical twins form.

**Drugs and Disease (pages 146 - 154):** Students will then move on to study drugs and disease including details on how both medicinal and recreational drugs interfere with chemical reactions inside the body and how they may be used to fight disease. The disease topic covers microorganisms (bacteria and viruses) and how the body works to destroy and expel them (innate and adaptive immunity).

## Textbooks

Please note that if you previously did not have access to the science textbooks, they are now available online with the link posted on the google classroom page and below.

### Biology:

<https://en.calameo.com/read/00077772193f6b44e6d67?authid=zHiqle2aCCyf&region=international>



# Chemistry - Grade 7

**Energy changes (pages 170 - 180):** Students will investigate endothermic and exothermic reactions describing how atoms rearrange with reference to energy input/output. Students will then move on to study fuels and to explain how to measure the amount of energy in different types of fuel.

**The Reactivity series (pages 182 - 198):** Students will describe how to investigate the relative reactivity of an element and describe its properties with reference to atomic structure. By the end of this topic students should be able to recall the order of the reactivity series and its implications.

## Textbooks

Please note that if you previously had no access to the science textbooks, they are now available online with the link posted on the google classroom page and below.

## Chemistry:

<https://en.calameo.com/read/000777721511c6fb1c32d?authid=N1zN3fWSFb&u&region=international>



# Drama - Grade 7

This term in Grade 7 students will be focusing on a variety of dramatic elements that assist with performance styles. Some of the elements we will be particularly focusing on are:

- Character breakdowns
- Self-discovery
- Audience connection
- Characterisation

There will be a mix of theoretical and practical elements throughout their learning this term, with a variety of tasks, activities and mini projects to be completed. The direction of the course may be adjusted depending on how the class participates online and on how well the students are responding to certain tasks. The objectives for Term 3 allow for such scope.



# English - Grade 7



This term in English, Grade 7 students will start to explore the exciting world of poetry. This will include an introduction to the different formats of poetry and how poetry uses different writing techniques to engage the reader and allows the writer to convey their message to their reading audience.

Poetry is literary work where the writer expresses their thoughts and ideas in a distinctive style different to prose by using a variety of writing techniques that convey imaginative, reflective or elevated thoughts.

In addition to this, students will be exposed to a variety of fantastic poems which will allow them to develop the skills required to analyse the meaning of poetry text and how the language used by the writer can be interpreted. More so in poetry text, the reader can analyse and interpret many features of a poem in closer detail, including such concepts as structure, format, language, punctuation, rhythm, imagery and sound.

Furthermore, students will be looking at creating their own poems. Through guidance and practice, students will perfect their poems and reach an understanding of the different forms of poetry.

## **Assessment**

Students will undertake two short assessments at the conclusion of the unit. These will involve a comprehension assessment on poetry as well as a writing task relating to poetry.



# French - Grade 7

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

- Family vocabulary (revision)
- Countries (revision)
- Talking about activities in the past tense (revision)
- Describing a past holiday
- Film study

The vocabulary will be used alongside the following verbs which will also be studied. Grade 7 pupils, by the end of Term 3, should be able to use a number of these verbs in at least the present and past tense.

- Aller (To go)
- Rester (To stay)
- Manger (To eat)
- Faire (To do)
- Jouer (To play)
- Être (To be)

## **Assessment**

Students will undertake a short assessment in order to assess and evaluate their comprehension of this content.

The first of these assessments will be an oral presentation on a past holiday.

The film study part of the content will also be assessed via a short video in which they will give their opinion - in French - on the film and produce a written review of the film.

The dates and more information regarding the format of these assessments will be communicated to students via Google Classroom in the coming weeks.



# Humanities - Grade 7

This term in Humanities, Grade 7 students will study a Geography unit from the International Middle Years Curriculum entitled 'Consequences'. The central theme of this unit is climate.

The pupils will be learning about the varying geographical patterns and physical processes of different places and the consequences of deforestation, the human impact on environments and the finely balanced biomes.

As a case-study, students will research the topography, weather and climate of the African Savanna and contrast and compare this environment with a locality of their choosing. Through this, the student will develop an understanding of the varying geographical patterns and physical processes of different places and develop an appreciation of the fine balance of biomes. They will also be able to explain the relationships between the physical characteristics and human behaviours that shape a region.



# ICT - Grade 7

## **Augmented Reality**

In this introductory course, students will discover how to use the webcam in their computer or iPad to build interactive experiences that blend the real and virtual world. They will be able to physically stand in front of the camera and participate in the games they build by waving their hands or dancing, rather than just watching a screen.

Topics include;

- - Video control
- - Simple events
- - Basic math
- - Conditionals
- - External events
- - Simple sound playing
- - Simple physics
- - Advanced physics
- - Expert physics
- - Advanced costume handling
- - Delays
- - Simple variables
- - Simple loops
- - Simple motion
- - Simple drawing
- - Pen colour
- - Colour detection
- - Direction and turning
- - Simple messaging
- - Screen bounds
- - Actor properties
- - Cloning



# Islamic Studies - Grade 7

: في هذا الفصل سوف ندرس التالي

حفظ سورة الملك \*\*\*\*

1. يتلوا الآيات الكريمة من سورة القصص ،سورة الرحمن ومن سورة البقرة ويستنتج ما ترشد إليه الآيات الكريمة-1

2. قراءة حديث حرمة هجر المسلم وحب النبي وحفظهما واستنتاج ما يرشد إليه الحديث-2

3. يعرف حالات ترقيق الرأء وتطبيق الحكم-3

4. التعرف على جانباً من سيرة الرسول صلى الله عليه وسلم ووصحابته الكرام -4

5. يعرف أن الدين هو أعظم نعمة على الإنسان وأن الدين الإسلام هو الدين الحق الذي ارتضاه لنا-5

6. يفهم طريقة استخراج زكاة نتاج الأرض والنقدين وعروض التجارة، ويعدد مصارف الزكاة التي حدده الشرع الإسلامي-6

7. يتعرف على الرياء وما له من آثار على إيمان المرء -7

8. الفن الإسلامي خصائصه ومجالاته -8



# Mathematics – Grade 7

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## **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 topics.

## **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.

Topics that will be covered this term:

### Ratio and Proportion

- Units of measurement
- Ratio
- Proportion

### Area, Perimeter and Volume

- Perimeter
- Area of rectangles and triangles
- Area of a circle
- Area of parallelograms and trapeziums
- Area of compound shapes
- Volume of a cuboid
- Volume of prisms
- Surface area

### Probability

- Experimental probability
- Theoretical probability

## Vectors and Matrices

- Vectors
- Vector geometry
- Matrices
- Multiplying matrices



# Music - Grade 7

## **IMYC Topic: Structure**

### **Learning Goals:**

- 4.10 Be able to create or compose short pieces within specified parameters.
- 4.16 Be able to consider pieces of music in terms of meaning, mood, structure, place & time.

During the course of this scheme of work, students will have the opportunity to investigate songs that are relevant to them. They should consider how the music is structured in order to understand how balance is achieved. Students will need to be aware of the different musical elements that are used to create a song e.g. intro, verse, chorus etc.

Using music computer software, students will create a piece (using loops) to create a structured piece demonstrating their awareness of the different musical elements that are needed to create a balanced song.



# Physics - Grade 7

**Energy transfer (pages 204 - 226):** Students will study how energy is transferred between objects by conduction, convection and radiation with reference to fuels. Students will then move on to explain how electricity is generated and how alternative fuels could replace fossil fuels in the future and supply the world's needs.

## **Textbooks**

Please note that if you did not previously have access to the science textbooks, they are now available online with the link posted on the Google Classroom page and below.

## **Physics:**

<https://en.calameo.com/read/00077772141fdaa8b517e?authid=5gHT5Is9n30I&region=international>



# Social Studies- Grade 7

نظرة عامة على المحتوى التعليمي لتقييم طلاب وطالبات الصف السابع

أولاً : الدروس المقررة:

**دروس الوحدة الثالثة:** الحضارة المصرية القديمة + حضارات بلاد الرافدين + حضارات بلاد الشام

ثانياً : يتوقع من الطالب بعد الانتهاء من دراسة هذه المواضيع أن :-

1- يتعرف العوامل التي أدت إلى تكوين الحضارات القديمة الواردة في الوحدة.

2- يتعرف المنجزات الحضارية للحضارات القديمة الواردة في الوحدة.

3 يستنتج العوامل التي أدت إلى ضعف مدن الحضارات القديمة وانهيارها .

4 يستوعب المفاهيم والمصطلحات والتعميمات الواردة في الوحدة.

5 يكتسب القيم والاتجاهات والمهارات المتضمنة في الوحدة.

ثالثاً : أساليب تقييم أداء الطالب

(السؤال القصير + الامتحان القصير + التقرير)