



Scheme of work

Grade 8

Summer Term
(Until June 2020)



Arabic 2

This term in Arabic 2 the students will be:

- How to introduce self and talk about family (Revision)
- Colors and talk about the room items (Revision)
- Using order verbs with singular.
- Making dialogue in the hospital.
- Making dialogue transportations.

Assessment:

Will have video dialogue with sample questions about understanding, selections and correct and false questions related to the lessons they did.



Biology

Chapter 11 (Gas exchange in humans) p112 - 122: Students will be able to describe and explain the structure of the lungs with reference to the alveoli, the mechanism of breathing and how/why breathing rate is affected by physical activity.

Chapter 12 (Respiration) p106 - 112: Students will be able to describe and explain the processes of aerobic and anaerobic respiration with reference to both the word and chemical equations. Students should be able to explain fermentation and its industrial uses.

Chapter 14 (Coordination and response) p128 - 151: Students will be able to describe how the body is coordinated by both electrical and chemical signaling (the nervous and endocrine systems). Students should be able to label the reflex arc and a synapse and to describe how drugs interact with the synapse.

The Biology textbook is now available online at the address below.

<https://en.calameo.com/read/0007777213c6d79447ffd?authid=2rQNbmVYZAQY®ion=international>



Chemistry

Chapter 15. Air and water. Students will research the components of air and their uses. Processes and uses involving oxygen, carbon dioxide, nitrogen and methane will be investigated in more detail. The causes and effects of air pollution will be researched and issues associated with corrosion will be evaluated. Processes involved with the treatment of water will be sequenced.

Chapter 12. The Periodic table. The Periodic table will be used to identify patterns and trends. The physical and chemical properties will be researched for Groups I, VII, VIII and the transition metals. Students will learn to predict properties of elements based on their position in the Periodic table.

Assessment

Seneca Edpuzzle and exam questions will be used to assess ongoing understanding of each topic. An extended task will be assessed on the causes and effects of air pollution.

The chemistry text book:

<https://en.calameo.com/read/000777721878063003e12?authid=CV5uBpjopM7S®ion=international>



Drama

This term in grade 8 students will be focusing on a variety of dramatic elements that assist performance styles. Some of these elements we will be particular focusing on is:

- Characters intention
- Theme & plot
- Characterization
- Attributes of character define the actor's delivery.
- Voice procedure

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 can be adjusted depending on how the class participates online and what the students are responding well to. The objectives in Term 3 allow for such scope.



English

This term in English, students will be studying poetry with particular focus on WW1 poetry. Due to the immediacy and often intense tragedy surrounding them, poems written by soldiers in conflict can be used for a range of purposes beyond just analysis of their poetic features and techniques. We will be examining them in a range of contexts, with students considering the broader issues that led to poetry being such an important feature of the war and comparing the works to one another, examining the source material for viewpoints and effective use of technique.

Assessment

The assessment will be split into a comprehension/analysis piece and a creative paper, with the children using one of the studied poems as a springboard for their own piece of independent writing.



French

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

- Body parts
- Health and illness
- At the Doctor's
- French music
- Film study

The vocabulary will be used alongside the following verbs which will also be studied. Grade 8 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.

- Être (To be)
- Avoir (To have)
- Falloir (To be necessary to)
- Prendre (To take)
- Faire (To do)
- Manger (To eat)
- Se reposer (To rest)
- Dormir (To sleep)

Assessment

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

This assessment will be a vocabulary test on the content covered. They will also be asked to produce a dialogue for a conversation in a Doctor's surgery.

The French music and film study parts of the unit 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. They will also give their opinions on French music and complete written activities using the lyrics.

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



Humanities

This term in Humanities, Grade 8 students will study a Geography unit from the International Middle Years Curriculum, titled 'Belief'. The central theme of this unit is focuses on population.

The students will begin the unit by learning how to read and analyse population pyramids. They will compare population pyramids from a variety of countries and discuss the implications of structure of the population on the future of the country. They will learn about the factors which can cause a population to change, along with learning about exponential growth. Finally, the students will conduct an in-depth study of China's one child policy.



ICT

Web Development 101

An introduction to web development for intermediate or advanced coders in grade 8. In this lesson plan, our students will be introduced to web page development using HTML and CSS. Starting from building their very first web page, they progress to learn about paragraphs, lists, tables, inserting images, audio and video files and hyperlinking while they work on 14 different hands-on practical do-it-yourself projects, several hands-on programming challenges, and assessment quizzes throughout the course. Finally, they build a photo gallery and their own version of Instagram to complete this course.

What Students Learn

- Build 14 practical web projects
- Learn HTML and CSS syntax
- Design simple web pages
- Design a web profile card
- Create animations, gradients, and effects
- Use lists, tables, and containers
- Build responsive websites
- Create pixel art
- Build a Photo Gallery
- Build an Instagram clone



Islamic Studies

في هذا الفصل سوف ندرس ما يلي :

****إكمال حفظ سورة التغابن**

1- يقرأ حديث حسن الخلق، الاعتدال في الطعام والشراب وحديث فضل صحابة الرسول صلى الله صلى الله عليه وسلم، ويحفظهم .

2- يتعرف على الأخلاق التالية: التقوى، الصدق والإخلاص وكيف يطبق هذه الصفات في حياته، وما هي الآثار من تطبيقها.

3- يتلوا الآيات الكريمة من سورة الأعراف (29-32) وسورة الفتح (27-29) تلاوة صحيحة مجودة .

4- يستنتج يسر الإسلام في العبادات مثل: الطهارة والصلاة والصيام.

5- يعرف أن الإسلام دين اعتدال . و يعدد مظاهر الاعتدال في الإنفاق وفوائد.

6- كيفية المحافظة على البيئة والاستدلال من القرآن والسنة ما يحث على ذلك.

7- التعرف على سيرة الرسول صلى الله عليه وسلم وصحابته الكرام.



Mathematics

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:

Fractions, Decimals and Percentages

- Profit and loss
- Discounts and sales
- Loans and savings
- Taxes

Area, Perimeter and Volume

- Circles
- Volume of prisms and cylinders
- Surface area of prisms and cylinders

Probability

- Successive events
- Relative frequency and probability

Quadratics

- Graphs of quadratics
- Expanding two brackets
- Difference between two squares using quadratics
- Solving quadratic equations



Music

IMYC Topic: Community

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 music that is relevant to their sense of community. Students will investigate not only the musical elements, but how the music belongs within the social context.

Students should consider how the music is structured in order to understand how balance is achieved. They will need to be aware of the different musical elements that are used to create it.

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 piece.



Physics

Chapter 5. Thermal effects. Students will describe qualitatively the molecular structure of solids, liquids and gases in terms of the arrangement, separation and motion of the molecules. The particle arrangement of solids liquids and gases will be used to quantitatively describe the processes involved in evaporation, Brownian motion, expansion, melting, boiling condensation and solidification. The definition for conduction and convection will be learnt, the process in different mediums will be described in terms of particle movement. The process of radiation will be recognised as a method of energy transfer not requiring a medium will be researched and data investigating the effect of different surfaces on radiation will be evaluated.

Seneca Edpuzzle and exam questions will be used to assess ongoing understanding of each topic. An extended task will be assessed on the molecular structure of solids and liquids and gasses.

The physics text book:

<https://en.calameo.com/read/000777721f2df4117abed?authid=6XU4PNSRr5Ep®ion=international>



Social Studies

نظرة عامة على المحتوى التعليمي لتقييم طلاب وطالبات الصف الثامن

أولاً : الدروس المقررة

دروس الوحدة الثالثة: مسقط + نزوى + الرستاق + صحار + صلالة

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

- 1- يتعرف موقع بعض الحواضر العمانية وأهميته.
- 2- يتتبع أبرز الأحداث التاريخية والحضارية في هذه الحواضر.
- 3- يتعرف نماذج من الشخصيات البارزة في تاريخ هذه الحواضر.
- 4- يتعرف أهم الآثار الموجودة في بعض حواضر سلطنة عمان.
- 5- يقدر الجهود التي بذلها الأجداد في بناء المدن العمانية وتطورها.
- 6- يتعرف المعالم الحضارية والإدارية والثقافية الحديثة في هذه الحواضر.
- 7- يستوعب المفاهيم والمصطلحات والتعميمات الواردة في الدروس.
- 8- يكتسب المهارات والقيم والاتجاهات المتضمنة في الدروس.

ثالثاً : أساليب تقييم أداء الطالب

(السؤال القصير + الامتحان القصير + التقرير)