

Curriculum Synopses Year 9 Term 1



THE BRITISH INTERNATIONAL SCHOOL ABU DHABI

# Academic Team

The Academic Team lead a team of teachers in each of their curriculum areas focused on delivering the highest level of teaching and learning for students. We are always happy to hear from parents to help support students further in lessons and with home study.



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## played and a register is taken.

Various activities, assemblies and information giving takes place during the registration period and it is also an important time for students to update their BIS AD Diploma to reflect on their successes and progress. If you have any questions or concerns about your son / daughter, you should contact the form tutor in the first instance.



**9B Form Tutor** laura.funnell@bisad.ae



**Ms. Louise Butler 9E Form Tutor** louise.butler@bisad.ae



The Year 9 Pastoral Team is led by Mr. Jack Butterworth, along with 5 form tutors and a wider extended team. Students attend form time registration each morning at 7:45am, when the National Anthem is





Ms. Mai Mahmoud **9C Form Tutor** mai.mahmoud@bisad.ae

nglish

For the first half of term 1, students will be studying a unit called 'Voice of War.' In this unit, they will explore a range of high quality texts that expose something about conflict and war. These will range from poems and speeches to art and graffiti. Students will use their analysis and critical thinking skills to form opinions on what authors were trying to showcase and how this may impact their views and feelings as a reader. Students will study texts from Wilfred Owen, Banksy, Winston Churchill, Michael Morpurgo and Sebastian Faulkes among others.

In the second half of term 1, students will study a unit called 'Telling a Good Story.' In this unit, students will hone their narrative writing skills by exploring a range of different narrative styles ranging from the fairytale to more complex styles such as epistolary narratives and bildungsroman. At the end of this unit, students will write their own narrative in a specific style using the work of famous authors as inspiration.

Throughout both units, students will be assessed formatively on their ability to analyse ideas and perspectives, write using a range of vocabulary, use correct spelling and punctuation as well as they ability to take part in individual and group discussion.

#### How can I extend my child?

Sign up to children's news sites such as 'The Day' where you can find up to date news articles with activities and questions to complete. https://theday.co.uk/

Encourage your child to read a section of different books throughout the term and discuss these with them

The following book may also be of interest to you:

**Creative Writer's Handbook** by Megan Cullis, Katie Daynes

ISBN-10: 9781474922494 ISBN-13: 978-1474922494



40% of students achieved a grade 7 in IB English (highest grade)



#### How can I support at home?

- · Discuss the texts being studied with your child – what is your perspective of them and how does it differ from your child's?
- Choose 1 or 2 news articles a week to discuss with your child. Focus on helping them form logical arguments and points by questioning their knowledge of the topic and helping them understand the global issue behind it.

## 28% of students achieved a grade 9 in Mathematics at GCSE.



#### How can I support at home?

All students will be issued with a homework pack via Teams and email at the start of term 1. This pack will contain 3 sections; revision, retention and extension. The revision section has lots of worksheets revising key year 8 content. The retention section focuses on the main guestions we want students to be able to answer by the end of year 9.

This pack will contain lots of repetitive work sheets designed to allow pupils to memorise key concepts and algorithms. The extension section will feature problem solving questions form the UKMT. These sheets should be used when students are scoring higher than 80% on tests and need more challenge than the retention sheets.

In Year 9 students will study a range of topics in all the key strands of mathematics. Students in the top sets will also practise for the UKMT Intermediate Challenge and this will involve developing lots of techniques for problem solving. All students will be assessed on the same content. These topics in Term 1 will be:

ISBN-10: 9781783351152 **ISBN-13:** 978-1783351152

#### What will students study in Term 1?

1. Linear Equations: Solve linear equations, with fractional coefficients, in one unknown in which the unknown appears on either side or both sides of the equation.

2. **Percentages:** Calculate using reverse percentages and repeated percentage change.

#### 3. Algebraic Manipulation:

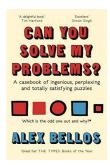
- Factorise expressions by taking a common factor, a difference of two squares and quadratics where the coefficient of the 'x2' term is 1.
- Expand the product of two linear expressions. 4. Statistical Measures: Calculate the mean, median, mode and range from a grouped frequency table.
- 5. Expressions and Formulae: Derive, solve and change the subject of an expression of formula.
- 6. Linear Graphs:
  - Construct and interpret linear graphs in a range of contexts.
  - Know that a straight line can be expressed as
  - 'y=mx+c' and be able to find the values of 'm' and 'c' from a graph or coordinates.

#### How can I extend my child?

To extend your child beyond the school curriculum please encourage them to read and solve problems as much as possible. Some of our more able students also enjoy coding solutions on computers and this is an excellent way to develop lateral thinking skills. The following books will be of use:

Can You Solve My Problems?: A casebook of ingenious, perplexing and totally satisfying puzzles by Alex Bellos

Available on kindle and paperback.



## $\infty$ Arabic

#### What will students study in Term 1?

The aim of this course is to introduce students to the Arabic language and to immerse them in the cultural aspect which will help them build their language proficiency. Grammar will be one of the learning focuses as it builds the accuracy of the written and the spoken speech.

For this term, the students will complete the theme "Local area, holiday and travel" and will be covering the themes "out and about", and "countries and capitals / Transportation".

By the end of the term your son /daughter will have the opportunity to build their language skills through a variety of learning outcomes, which are outlined in the curriculum brief of term 1 and term 2.

#### Listening:

- Identify the overall message, key points, details, and opinions.
- Deduce meaning from a variety of spoken texts
- Be able to answer questions, extract information, evaluate and draw conclusions.

#### **Reading:**

- Identify the overall message, key points, details, and opinions in texts.
- Recognize and respond to key information, important themes, and ideas in more extended written text, including authentic sources, adapted, and abridged as appropriate, by being able to extract information and answer questions.

#### Writing:

- Communicates information relevant to the task with expansion of key points and ideas.
- Effective adaptation of language to narrate, inform, interest, and give convincing personal opinions.
- Produces frequently extended sentences, well linked together
- Generally accurate language and structures, including successful references to past, present and future events; occasionally errors occur that hinder clarity of communication.

#### Speaking:

- Unambiguous; pronunciation supports clear communication.
- Responds to the set questions with consistently fluent and developed responses.
- Consistently effective adaptation of language to describe, narrate and inform, in response to the set questions.
- Pronunciation and intonation are consistently accurate and intelligible.

67% of students achieved at and above grade 8 at GCSE (Aug 2021).

#### How can I support at home?

Ask students to share what they are learning in class and have them teach you about what they know. You can support your child's learning at home by encouraging him to use the below interactive tools:

- Languagenut https://www. languagenut.com/global/ (username and login have been already sent out through school)
- Linguascope www.linguascope. **com** Password : bisad / username 20twenty
- http://www.arabalicious.com/ secondary-resources.html
- interlingo https://www.interlingo. co.uk

#### How can I extend my child?

To extend your child beyond the curriculum please encourage your child to read at home. We strongly recommend that all students read for a minimum of twenty minutes every day. They should also practice writing for an extended time periodically, this could be through writing short stories, creating a newspaper article about a key event that has taken place or poetry etc.

The Arabic department in the secondary school will provide support for the extended writing. Therefore, your child may receive writing tasks with instructions that can help them produce good quality of writing. We recommend students get a dictionary, the Arabic bank of vocabulary and grammar books for second language learners like Arabic grammar in context.

#### One third of students achieved at and above grade 8 at GCSE



#### How can I support at home?

على مدار الأسبوع ستكون هناك واجبات منزلية، التي يمكنكم من خلالها معرفة ما يدرسه الطالب فى الصف ومساعدته إن واجه بعض الصعوبة في حلها كما يمكنكم تشجيع الطلاب على قراءة الكتب باللغة العربية والتى ستزيد من رصيدهم اللغوى.

- مكنكم أيضًا أن تسألوا الطالب عن النصوص التي قام ىدراستها ومدى فهمه لها.
- ألق نظرة على الأنشطة الموجودة في كتاب الطالب واسأله عما إذا كان يفهم الأهداف وكيف مكنه تحقيقها.
- شجع الطالب على البحث عن نصوص، ومواضيع مماثلة لما درسه في الصف، ومواصلة القراءة على نطاق واسع .

#### What will students study in Term 1?

خلال الفصل الدراسي الأول للصف التاسع سنركز في التعليم على مهارات التحدث ،الاستماع ،القراءة والكتابة للطلاب بما يتوافق تمامًا مع منهج وزارة التربية والتعليم، و سيتم تشجيع الطلاب على المشاركة في مجموعات متنوعة أو بشكل فردى باتباع استراتيجيات مختلفة.

حيث سيقوم الطلاب بقراءة النصوص الأدبية وتحليلها، وتقييم مدى تحقيق الكاتب لغايته، وربط النص يسباقه التاريخي، والاجتماعي، والمعرفي، واستخلاص السمات الفنية.بالإضافة إلى الكتابة في أنماط مختلفة ولجماهير مختلفة والمشاركة فى المناقشات والعروض التقديمية. إلى جانب ذلك سيقوم الطالب بتحليل المادة المسموعة وتقييمها، وتقديم العروض باللغة العربية الفصيحة باستخدام الوسائط المتعددة مراعيًا آداب الاستماع والتحدث، وتوظيف المفاهيم النحوية، والصرفية، والإملائية، والبلاغية، المتصلة بالمرحلة توظيفًا سليمًا تحدثًا وكتابةً.

يرجى تشجيع الطالب على القراءة المستمرة في المنزل والتي ستزيد من مخزونهم اللِّغوى، كما نوصى بشدة ضرورة ممارسة الكتابة بشكل دورى، وقد يكون ذلك من خلال كتابة قصص قصيرة، أو شعر... إلخ. وليكن في علمكم ان المكتبة الخاصة بقسم اللّغة العربية تزخر بمجموعة كتب قيمة ومتنوعة يمكن للطالب أن يستعير منها ما يشاء. كما مكن الطالب الدخول على منصة كتبى واختيار ما يشاء من القصص والكتب القيمة بالإضافة إلى المهمات التي ترسلها المعلمة عبر المنصة. يمكن للطالب تصفح المواقع التَّالية حبث بوجد الكثير من الكتب والقصص والروايات التي مكنه أن يستفيد منها.

- سيدرس الطلاب خلال الفصل الدراسي الأول ما يلي:
- القراءة والنصوص: قصة المناورة –تعلمتُ من أوقات الفراغ إشارات يرسلها الشهداء - قراءة نصوص إثرائية و تحليلها .
  - النحو: الميزان الصرفي- اسم الفاعل اسم المفعول .
    - البلاغة: التشبيه البليغ .

Arabic

- الاستماع: لماذا بعض الأشخاص أكثر نجاحًا من أشخاص آخرين؟
- الكتابة: كتابة نص إقناعي -كتابة نص سردي تلخيص نص . كتابة رسالة شخصية.
- المحادثة : يقدم الطالب عروضا تقديمية شفوية مرتبطة بالموضوعات التي سيدرسها .

#### How can I extend my child?

htm.4-http://www.syrianstory.com/amis /http://al-hakawati.net/stories https://read.kutubee.com

The Islamic Studies curriculum of Year 9 aims at confirming the national identity of students as well as strengthening the brotherhood, affection, and cooperation among them. The curriculum also prepares a student to participate effectively in constructing the society and be updated with global changes. It makes a student more open but wisely to other cultures so that the school provides its students a good and rich opportunity to learn Islamic Studies and maximize its role in students' life.

#### **Ministry Book:**

- The Holy Qur'an (Surat Al Hujurat) /In the Presence of Allah His Prophet and the Ruler.
- Zakat (Almsgiving) in Islam.
- Hadith /The Seven Grave Sins.
- The Farewell Pilgrimage and the Death of the Prophet, (PBUH)
- The Forgiving and The Just
- Exchanging Advice in Islam
- The Safety of Society and the unity of its members
- The permissible (Halal) is self -evident
- Pilgrimage (Al-Hajj)
- The core of religion is sincerity (naseeha)

#### **IGCSE Topics:**

- Teachings and example of the Prophet on specific issues of justice and equality.
- The importance of teachings in understanding the nature of Muslim beliefs about society.
- The Prophet's final acts and his achievements.
- Pillars of Islam.

#### How can I extend my child?

To promote and enrich the themes of Islamic education, you can benefit from the following links:

https://www.islamicstudies.info/tafheem. php?sura=66&verse=1&to=5 https://yassarnalquran.files.wordpress.com/2014/11/aday-in-the-life-of-muhammad.pdf http://www.islamicplayground.com/scripts/prodList. asp?idCategory=29 https://yassarnalquran.files.wordpress.com/2010/12/alqaaida-an-nooraaniyyah.pdf https://www.alsirah.com/the-life-of-muhammad-pbuh-atimeline/ https://www.khanacademy.org/humanities/world-history/ medieval-times/origins-of-islam/v/life-of-muhammad-andbeginnings-of-islam-part-1 http://www.sosyalarastimalar.com/cilt10/sayi50\_

pdf/5egitim/asikev\_hacer.pdf

For memorization Qura'n and Tajweed you can use the following link:

http://www.memorize-quran-app.com/.

42% of students who sat Islamic Studies attained a grade 8 or higher.



#### How can I support at home?

Our home support aims to document the student's relationship with the Holy Quran as the first source of knowledge, behavior, values, taste and beauty in order to build a Quranic mentality and psychology, by continuing to read the Qur'an and taking into account the provisions of intonation (tajweed).

One of the pillars of this support is to implant the love of Prophet Muhammad "peace be upon him" in the heart of the student through the experience of the Prophet's biography, and provide the life of the Prophet (peace and blessings of Allah be upon him) as a good example and a role-model to follow. 42% of students who sat Islamic Studies attained a grade 8 or higher.



#### الدعم المنزلي

يهدف الدعم المنزلي على توثيق صلة الطالب بالقرآن الكريم بوصفه المصدر الأول للمعرفة والسلوك والقيم والتذوق والجمال

وذلك لبناء عقليةٍ ونفسيةٍ قرآنيتين، وذلك بالمداومة على قراءة القرآن الكريم مع مراعاة أحكام التجويد. ومن محاور هذا الدعم :

- تقوية علاقة الطالب بالبيئة المحيطة به، والحفاظ عليها وإدراك قيمتها للإنسانية بصفة عامة، وهذا عن طريق المناقشات والحوارات حول القضايا المعاصرة.
- بالإضافة إلى غرس حب سيدنا محمد «صلى الله عليه وسلم» في قلب الطالب من خلال معايشة السيرة النبوية، وتقديم حياة

الرسول الكريم «صلى الله عليه وسلم» كأسوة حسنة ومثل أعلى يقتدى به.

Islamic B

#### ملخص المنهج

Zslamic

منهج التربية الإسلامية للصف التاسع يهدف إلى تأكيد الهوية الوطنية للطلاب، وتقوية أواصر المحبة والأخوة والتعاون بينهم، كما يهدف لإعداد الطالب للمشاركة الفعالة في بناء المجتمع، ولمواكبة التغيرات العالمية، والانفتاح بوعي على الثقافات الأخرى كما أن التربية الإسلامية تشتمل على كل ما يرتبط بحياة الطالب ووجوده وقيمه وتراثه الإسلامي العظيم.

وتتركز معاير التربية الإسلامية على ستة مجالات تعلم تمثل مكونات المادة، وهي: الوحي الإلهي (القرآن الكريم والحديث الشريف) والعقيدة، وقيم الإسلام وآدابه، وأحكام الإسلام ومقاصده، والسيرة والشخصيات، والهوية وقضايا العصر، وهذه المجالات يتم العمل على تحقيقها من خلال نواتج تعلم قابلة للقياس.

ويتضمن منهج التربية الإسلامية للصف التاسع للفصل الدراسي الأول على المواضيع التالية : -

- سورة الحجرات \ مع الله ورسوله وولي الامر
  - السبع الموبقات
  - ، الغفور العدل
  - · التناصح في الاسلام
  - الزكاة في الاسلام
  - سلامة المجتمع ووحدة ابنائه.
    - الحلال بين
    - الدين النصيحة
      - ، الحج
- · حجة الوداع ووفاة النبي صلى الله عليه وسلم

#### المنهج الإثرائي

لتعزيز وإثراء محاور التربية الإسلامية عِكن الاستفادة من الروابط التالية :

%A7%http://mrsasmaa.com/files/download/%D8 %D8%A7%D8%88%D9%84%D9%B5%D8%84%D9 D%84%D9%A7%AA-%D8%D8%A7%D8%B0%AA-%D8 -B6%D8%B1%D8%B9%D8%A8%D8%A8%D8%B3%8 8A%D9%88%D9%A8%D8%B1%D8%88%D9%A8%D8% -81%D9%B5%D8%84%D9%A7%AA%D8%D8%86%%D9 \_/84%D9%A7%D8%

https://www.youtube.com/watch?v=Kofcc\_jWEJM

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Social

In Year 9 students will continue to study a range of topics designed to meet the National Agenda of UAE. The new curriculum of social sciences provides a coordinated, systematic study of information, skills, and concepts in the disciplines of history, geography, political science, economics, anthropology, psychology, law, archaeology and sociology. Students are learning to make connections between peoples and nations of the world, between science, technology and society and learning to practice good citizenship. Students will be aided to develop informed and well-reasoned decision making as members of a cultured society in an interdependent world. Students will be assessed on a timeline task and an in-depth leadership study. Topics in Term 1 will be:

- 1. The UAE in a regional context neighbours and friends
- 2. Oman and its context
- 3. Turning points in Omani History
- Digging in the past Tawam and Archeology 4.
- Leadership & Sultan Qaboos 5.
- Leadership in the UAE 6.
- 7. Leadership and Nation Building



الدروس الواردة في هذا الفصل الوحدة الأولى الإمارات نبض العالم ( دستور دولة الإمارات العربية المتحدة ). ٢-الوحدة الثانية الملامح الطبيعية للوطن العربي ( موقع الوطن العربي وأهميته ) ( تضاريس الوطن العربي ). ٣- الوحدة الثالثة قضايا اقتصادية ( التكتلات الاقتصادية). ٥- قراءة كتاب رؤيتي مع المناقشة والتحليل.

#### How can I support at home?

There are excellent online resources developed by the government which can be used as a reference point: www. government.ae/en/about-the-uae

The UAE Annual Book is also a detailed source of information. The National Archives have been involved in the development of the Social Studies curriculum and are an excellent source of information: www.na.ae/en/

Information about Oman can be found at the Sultanate of Oman website: www.omansultanate.com

The BBC country profile also gives a brief outline of the countries history and circumstance: www.bbc.com/news/world-middleeast-14654150

#### How can I support at home?

سؤال الطلاب عن الملامح الطبيعية والبشرية للوطن العربي وعن المعلومات التي تعلمها عن كل درس \* البحث في المواقع التالية

#### https://beeatna.ae/ar-ae

https://www.government.ae/ar-AE/aboutthe-uae/the-constitution-of-the-uae

\*متابعـة ملـف الطالـب والدفـتر الخـاص مـادة الدراسـات الاحتماعىة

حـث الطـلاب عـلى عمـل بحـث مـن خـلال المواقـع المذكـورة للوصـل لمعلومـات عـن دولـة الإمـارات وعلاقتهـا بـدول الوطـن العـربي .

\* مشروع الوحدة الأولى: الموضوع: مهارات جغرافية. المطلوب: مهارة حل المشكلات. البحث في قضية سكانية مثل الازدحام المروري والبطالة ( مشكلة) وتحليلها – أسابها – النتائـج – تأثرهـا – وضع الحـل.

\* مشروع الوحدة الثانية: الموضوع : التربية الوطنية . المطلوب: استخدم مهارة البحث في : تخيل نفسك مندوبا عن مجلس التعاون الخليجى وتريد تقديم تقرير يثبت عروبه الخليج العربي من خلال تقدمك أدلة واقعبة على ذلك.

#### How can I extend my child?

To extend your child beyond the school curriculum please read and encourage discussion surrounding the articles produced by the International Association for the study of Arabia shared in the BFSA: www.thebfsa.org/ publications/bulletin/

لمساعدة الطالب من خارج المنهج ، يرجى تشجيع الطلاب على القراءة في كتاب رؤيتي أو غيرها من الكتب نوصى بشدة أن يقرأ جميع الطلاب لمدة لا تقل عن ثلاثون دقيقة يوميًا. يجب عليهم أيضًا ممارسة الكتابة بشكل دوري عن طريق الأبحاث، وقد يكون ذلك من خلال مقال صحفي حول حدث رئيسي أو شخصية عامة وغيرها.

#### What will students study in Term 1?

تدرس مادة الدراسات الاجتماعية والتربية الوطنية وفقاً لمنهاج وزارة التربية والتعليم وذلك من خلال كتاب الدراسات الاجتماعية وكتاب القراءة رؤيتي. • منهج الدراسات الاجتماعية والتربية الوطنية للصف التاسع يعمل على إتقان مهارة القراءة والتفكير النقدى في مختلف القضايا الهامة التي تخص الوطن العربي كما تعمل على تنمية قدرات الطالب على حل المشكلات واتخاذ القرارات إضافة إلى تعزيز ثقافة الحوار والانفتاح ما يسهم فى تعزيز التكيف مع التطورات المتسارعة في عالم اليوم ، وتحليل المعلومات وسردها بطريقة صحيحة ، والتوعية بدور شيوخ الإمارات في تنمية المجتمع والنهوض بالتعليم والوعى بدستور دولة الإمارات وتقييمه لمواجهة ومعالجة الشؤون والقضايا العامة.

عدد الحصص: حصتين أسبوعيا

Social

#### How can I extend my child?

للتواصل:

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Students will commence the Biology IGCSE syllabus. In Term 1 they will be covering the following topics:

#### 1. The nature and variety of living organisms

- Characteristics of living organisms
- Levels of organisation
- Specialised cells
- Classification of organisms

#### 2. Structures and functions in living organisms

- Describe the levels of organisation in organisms: organelles, cells tissues, organs and systems.
- Describe cell structures including the nucleus, cytoplasm, cell membrane, cell wall, mitochondria chloroplasts, ribosomes and vacuoles.
- Know the similarities and differences in the structure of plant and animal cells.
- Explain the importance of cell differentiation in the development of specialised cells
- Explain where stem cells are obtained from
- Understand the advantages and disadvantages of using stem cells in medicine.

There will be ample opportunity to develop practical skills and exam technique in all these topics.

#### How can I extend my child?

Students are encouraged to use the internet to keep abreast of recent developments in Science, Biochemistry and Biotechnology by using websites such as:

- Interactive web exercise on stem cells www.abpischools.org.uk/page/resource/age.cfm)
- New Scientist magazine www.newscientist.com
- BBC Science newspage https://www.bbc.com/ news/science and environment

43% of students achieved a grade 8 or higher



#### How can I support at home?

A copy of the IGCSE textbook and workbook will be available on Teams. Students are encouraged to review topics covered in lessons by reading the relevant sections in the textbook and trying relevant questions in the workbook. The Edexcel International GCSE Biology Revision Guide is an excellent resource for the home. Students will also have a Century Tech account for the completion of home learning tasks and independent study.



62% of students achieved a grade 7 or higher



#### How can I support at home?

Encourage students to regularly review their work on OneNote, Century Tech (https://bisad.century.tech/login) and Seneca. Also persuade students to seek help if there are any areas that they feel they could improve in. There are also a variety of useful revision Youtube channels such as Free Science Lessons that they could explore. Students also have access to exam style questions, past papers, checklists and summary sheets on TEAMs in the files section that they can work through if they would like to extend themselves further.

4. 5.

6.

#### What will students study in Term 1?

In Year 9 students will study the principles of Chemistry. All students will be assessed on the same content. The topic in Term 1 will cover the following content from the syllabus:

- 1. Understand the interconversions between the three states of matter
- 2. Understand how the results of experiments involving the dilution of coloured solutions and diffusion of gases can be explained
- 3. Understand how to classify a substance as an element, compound or mixture
  - Describe the experimental techniques for the separation of mixture
  - Understand how a chromatogram provides information about the composition of a mixture
  - Understand how to use the calculation of Rf values to identify the components of a mixture
- 7. To understand Endothermic and exothermic reactions

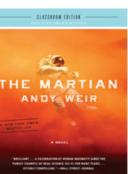
#### How can I extend my child?

The following websites can be used to read around the curriculum:

www.bbc.com/bitesize/examspecs/zy984j6 www.physicsandmathstutor.com/chemistry-revision/ gcse-edexcel/

www.revisionscience.com/gcse-revision/chemistry

- New Scientist magazine <u>www.newscientist.com</u>
- BBC Science newspage www.bbc.com/news/ science\_ and environment



Classroom edition: The Martian, by Andy Weir

# rusics

#### What will students study in Term 1?

In Year 9 students start by studying the fundamental Physics of Matter and Astrophysics, building on their learning from Year 8. The content covered in Term 1 is as follows:

#### **Measurement & Matter**

- 1. How to accurately measure unknown quantities
- 2. SI Units in Physics
- 3. States of Matter
- 4. Density
- 5. Magnetic Materials
- 6. Magnetic Fields

#### Astrophysics

- 1. The Solar System
- 2. Factors affecting gravity
- 3. Orbital speed of objects in the solar system

#### How can I extend my child?

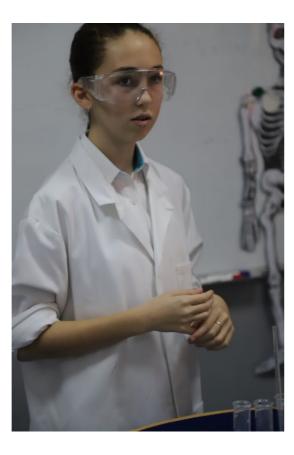
Students should follow the READ of the WEEK posts that are on the Year 9 Science Team General Channel. Here they will find lots of interesting stories facts and competitions which are regularly updated. In the FILES section they will find links to the textbooks and revision guides for the iGCSE Physics course. There are lots of interesting documentries available on the Discovery Chanel & YouTube:

- "Through the Worm-hole" with Morgan Freeman, A Biography of Sir Issac Newton - https://youtu. be/8gn25aZT1Bc
- Nicoli Tesla: The Genius History Forgot https://youtu. be/wyK7nroZoKA are all recommended watches.

For students who are really interested in Physics, Arvin Ash has a really interesting YouTube Channel: https://www.youtube.com/channel/ UCpMcsdZf2KkAnfmxia2MfMO



69% of students achieved a grade 9 or higher



#### How can I support at home?

Your child has an account on the website Century Tech (https://bisad.cetury.tech/ login/) which can be accessed at any time to review learning and complete home learning on. The teacher will set an assignment once every two weeks to either be complete on Century Tech or in their lab books. There may be additional home learning assignments set when appropriate and in the build-up to assessments.

We also recommend reading around the subjects, the "weekly read" in teams is a good place to start but they can also delve into more Physics specific reading here: https://www.sciencenewsforstudents. org/topic/physics

https://scitechdaily.com/news/physics/

30% of students achieved grade 9 at GCSE (Aug 2021).



Students will be assessed by test on their overall knowledge of the tectonics. Students will also complete a comparative research project into the impact of earthquakes in two countries at different levels of development. They will also undertake a dragons-den style design exercise about improving capacity to cope in hazards.

#### How can I support at home?

Students will be given regular homework and revision tasks. Lesson resources will be on One note as will revision materials. More information about the earthquakes can be found here: https://earthquake. usgs.gov/learn/kids/. Information on plate boundaries here: https://pubs. usgs.gov/gip/dynamic/understanding. html. For revision they can use Key stage 3 BBC bitesize (https://www.bbc.co.uk/ bitesize/guides/zwcfxsg/revision/1). Key terms and subject language can be practiced using quizlet online (https:// guizlet.com/454670/plate-tectonicsreview-flash-cards/). Students will also need support carrying out effective research for their comparative projects.

Susan Pfeffer – This

ISBN-10: 0547550286

ISBN-13: 978-0547550282

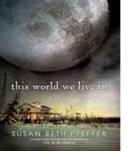
disasters

world we live in - a story

about coping with natural

To extend your child beyond the school curriculum please encourage them to listen to podcasts available from the USGS <a href="https://www.usgs.gov/natural-hazards/">https://www.usgs.gov/natural-hazards/</a> earthquake-hazards/photos-videos-and-podcasts. National Geographic has a range of good resources on natural disasters <u>https://www.nationalgeographic.com/</u> environment/natural-disasters/earthquakes/. There are some good documentaries and films on Netflix such as "7:19", "72 Dangerous Places to live" and "Into the Inferno".

Ashfall



In the first term of Year 9 Geography students will be studying Tectonics and Natural Hazards. This unit focusses on understanding the processes of tectonic movement and the resultant hazards. Investigations into earthquakes, tsunamis and volcanoes in a range of different tectonic settings will be carried out. Students will be learning about how vulnerability can lead to limited capacity to cope and how the impact of hazards varies depending on the level of development within a country. Key areas of study are as follows:

2. 3.

#### What will students study in Term 1?

- 1. Structure of the Earth.
  - Different kinds of plate boundary and the hazards associated with them.
  - Why do people live in Hazard prone areas?
  - Earthquakes, Tsunamis and Volcanoes in countries at different levels of development.
  - How can vulnerability be reduced and capacity to cope increased in countries at different levels of development?

#### How can I extend my child?

by Mike Mullin

ISBN-10: 1933718749 ISBN-13: 978-1933718743





In Year 9, students continue to look at historical events in the 20th century that help understand the world that we live in today and prepare them for their IGCSE History. They explore the concepts of democracy, dictatorship, revolution. These topics include:

- 1. The Causes and Course of the First World War: We start this unit by looking at the M.A.I.N causes of the First World War: Militarism, Alliance System, Imperialism and Nationalism.
- 2. From Royals to Revolution in Russia: The start of Communism in Russia: We start this unit by exploring what Russia was like under the leadership of the Tsar in order to understand the reasons that ordinary Russia people felt disillusioned by 1905 due to the political and socio-economic changes that have taken place in the 19th Century. We go on to study the causes and consequences of the three revolutions which take place between 1905 and 1917, culminating in the leadership of Lenin. This unit finishes by briefly investigating the brutal civil war that ensued in Russia following the Bolshevik takeover in October 1917.

74% of students achieved a grade 7 or higher in Aug 2021.



#### How can I extend my child?

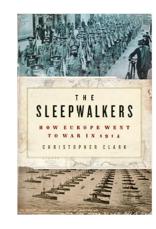
The best way to imporve in history is to read as widely as possible. The following book would be a great start:

#### The Sleepwalkers

by Christopher Clark

**ISBN-10:** 0061146668 ISBN-13: 978-0061146664

Available in paperback and hardback.



#### How can I support at home?

Students can be encouraged to spend time at home reading in order to improve literacy which has a direct impact on learning in subjects such as History. Students should be encouraged to spend time researching topics, using books, the internet, podcasts and videos. In particular, BBC bitesize contains a huge range of resources that can be utilized to develop subject knowledge in History.

One third of students attained a grade 9 in computing (August 2021)



This term students will be working towards the bronze iDEA award and will need 250 points which are awarded when a badge is completed (other conditions apply). More Information about the iDEA award can be found by visiting their website idea.org.uk Your child will be studying about modelling data on a computer (spreadsheets) and what it takes to become an entrepreneur. The badges that will be completed in lesson are listed below.

#### How can I support at home?

The iDEA award is free and open to anyone, of any age. You can freely register online at iDEA.org.uk and can work through the award at your own pace and support your child through it. Also ensuring the badges mentioned above are completed by the end of term 1 to ensure students are on target of achieving the Bronze award.

The aim of this unit is to help develop student's skills in modelling data using a computer. They can research examples of data modeling online and how Excel is used around the world to model data. Students can also speak to relatives or family friends and ask if they use excel in their work to give students ideas of its practicality.

#### What will students study in Term 1?

- Citizen Data play (10 points)
- Citizen Teamwork (8 points)
- Worker Data visualisation (8 point)
- Worker Projects (8 points)
- Entrepreneur Money Management (8 points)
- Entrepreneur Researcher (10 points)
- Entrepreneur Jargon Buster (8 points)
- Entrepreneur Growth hacking (8 points)

Students will be leaning to use Microsoft Excel. The content they will be taught is based on the IGCSE curriculum which includes looking at formulae, cells, formatting in excel, using charts and preparing outputs.

#### How can I extend my child?

They can also visit: https://edu.gcfglobal.org/en/excel/ where students can view tutorials to help further their leaning or at least reinforce what they have learnt.





#### Module 1: Teenage life

- Discussing (social) media; Describing and giving opinions
- on people
- Arranging an outing, express the future
- Give opinions on past outing
- Describing a music event
- Use three tenses

#### Assessment Module 1

- End of Module Assessment (listening, reading, writing and speaking)
- New topic vocabulary
- Online assessment and tasks (Education Perfect)

#### Module 2: Health and fitness

- Revising body parts; preposition "à"
- Talking about sport, using il faut
- Making plans to get fit .
- Talking about illness; describing injuries;
- At the chemist's/doctor's
- Young people's health issues

#### Assessment Module 2

- End of Module Assessment (listening, reading, writing and speaking)
- New topic vocabulary

How can I extend my child?

would help develop listening skills.

vocabulary and develop listening skills.

www.languagesonline.org.uk

and GCSE content.

grammar:

YouTube is a mine for French songs and videos that

TV5 Monde is a free French speaking channel that can

https://lyricstraining.com/fr/ is a fun way to extend

Useful websites to revise or extend vocabulary and

www.linguascope.com is great for vocabulary games

easily be accessed through your TV provider and online.

Online assessment and tasks (Education Perfect)

76% of students attained a g at GCSE in Aug 2021.



#### How can I support at home?

At home, you can encourage and check the consistent learning and revision of vocabulary. In Year 9, students will be set a regular home learning task on Education Perfect, our language platform. These tasks are designed for the students to drill vocabulary of the lesson/module.

Education Perfect also offers the opportunity to practise a specific grammar aspect.

We will use **Teams** to set home learning, to communicate with the students and to share relevant resources.

www.languagesonline.org.uk offers vocabulary and grammar activities following our curriculum.

www.linguascope.com (bisad; 20one) is great for basic vocabulary games and GCSE content.

#### 71% of students attained a g at GCSE in Aug 2021.



#### How can I support at home?

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www.linguascope.com (bisad; 20one) is great for basic vocabulary games.

#### What will students study in Term 1?

#### Module 1: Teenage life

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Discussing (social) media; Describing and giving opinions on people

Spanish

- Arranging an outing, express the future
- Giving opinions on past outings
- Using three tenses.

#### Assessment Module 1

- End of Module Assessment (listening, reading, writing and speaking)
  - New topic vocabulary
  - Online assessment and tasks (Education Perfect).

#### Module 2: A day in our Secondary school

- Describing our school
- Talking about school subjects options using the future tense
- Talking about school rules
- Talking about after-school activities.

#### Assessment Module 2

- End of Module Assessment (listening, reading,
- writing and speaking)
- New topic vocabulary
- Online assessment and tasks (education perfect).

#### How can I extend my child?

YouTube is a mine for Spanish songs and videos that would help develop listening skills. https://lyricstraining.com/es/ is a fun way to extend vocabulary and develop listening skills.

Useful website to revise or extend vocabulary and grammar:

www.languagesonline.org.uk www.language-gym.com www.linguascope.com is great for vocabulary games and GCSE content.

#### Module 1: Teenage life and health

- Talking about role models; the present tense
- Talking about experiences; the perfect tense
- Learning parts of the body, the imperative Talking about overcoming misfortune
- More on the perfect tense
- Explaining how a role model inspires you
- Understanding a person's achievements
- Tackling a longer reading text.

#### Assessment Module 1

- End of Module Assessment (listening, reading, writing . and speaking)
- New topic vocabulary
- Online assessment and tasks (Education Perfect)

#### Module 2: Music and festivals

- Talking about types of music
- Using subject and direct object pronouns .
- Talking about playing or singing in a band •
- Using seit (for/since)
- Discussing different bands (comparisons)
- Describing a music festival (perfect tense)
- Interviewing at a music festival (questions) •
- Understanding formal and informal register
- Recognising key features of written text types

#### Assessment Module 2

- End of Module Assessment (listening, reading, writing and speaking)
- New topic vocabulary
- Online assessment and tasks (Education Perfect)

#### How can I extend my child?

YouTube is a mine for German songs and videos that would help develop listening skills.

https://lyricstraining.com/fr/ is a fun way to extend vocabulary and develop listening skills.

Useful website to revise or extend vocabulary and grammar: www.languagesonline.org.uk

100% of students achieved a grade 6 and higher at GCSE in Aug 2021.



#### How can I support at home?

At home, parents can support students in their learning by encouraging regular, short revision sessions on Quizlet to practise vocabulary and regular review of the Content Library in the Class Notebook. In Year 9, students will be set a regular home learning task on **Education Perfect**, our language platform. These tasks are designed for the students to drill vocabulary of the lesson/module.

Education Perfect also offers the opportunity to practise a specific grammar aspect.

We will use **Teams** to set home learning, to communicate with the students and to share relevant resources.

www.languagesonline.org.uk offers vocabulary and grammar activities following our curriculum.

www.linguascope.com (bisad; 20twenty) is great for basic vocabulary games.

### 28% of students gained a 9 at GCSE in August 2021



### Leaders

characteristics and gualities we admire in others. Using Shepard Fairey's mixed media and collage techniques and inspired by the UN's Global Goals they will start to create their own portrait of a leader who inspires them. They will research and use imagery within their collaged background that provides context, conveys meaning and reflects the life and work of their chosen subject, whilst exploring wood block printing, collage, stencil making techniques and refining painting skills.

Visit a local Art Gallery and get inspired by Art and Artefacts from different cultures, context and times:

www.louvreabudhabi.ae www.manaratalsaadiyat.ae/en/default.aspx www.warehouse421.ae/en/

resources:

The art activity book below can be a fun way of developing your child's skills and confidence through practice and lots of fun activities at home.

Paperback Get inspired by the intention behind Shephard Fairey's meaningful artwork with a copy of: **Obey: Earth Crisis Two Volumes Set In Slipcase** Paperback – 30 Mar 2017

#### How can I support at home?

Consider watching Abstract: The Art of Design, an original Netflix documentary series highlighting the work of leading artists and innovators in the field of Design. This documentary features the work of Automobile, Product.

Interior and Stadium Set Designers to Architecture and the use of Photography as a creative medium to call for positive global change. The documentary is an inspiring insight into just a few of the many possibilities of where Art & Design creative practice could lead our students in the future.

#### What will students study in Term 1?

Art & Design shapes the visual world in which we live... Design, Print & Purpose Unit: Heroes and

Students will consider what makes a leader and the

#### How can I extend my child?

Encourage your child to sign up for an evening or weekend art class at one of the following art studio

www.abudhabiart.ae/en/visitors/art.studio.aspx www.artbeatad.com www.artcentral.ae/art-workshops/

200 Projects to Strengthen Your Art Skills: For Aspiring Art Students (Aspire Series) by Colston, Valerie (2008)





## rama

#### What will students study in Term 1?

Throughout the course of Year 9 students will follow a range of specialised practical schemes of work, designed to extend and challenge their knowledge and understanding of Drama and Theatre as they approach IGCSE.

#### **Theatre Theorists and Theories**

Students will be introduced to a range of Theatre Theories and Theorists through the first term. They will explore the theories of Bertolt Brecht, Constantin Stanislavski and Augusto Boal through workshops, research. The application of their understanding will culminate in the exploration of a play text that will be performed in the style of a theorist studied.

#### **Research Project**

As part of the Year 9 Drama Curriculum students will undertake a research project into a Theatre Theorist of their choosing, that will be completed at home. The project is designed to be completed as an independent learning task that assists students in their research and application skills. The task is worth 40% of their end of term grade.

#### How can I extend my child?

#### **Places to Visit:**

**Childrens Library Digital Media Workshop** Poetry Jam Workshop

#### Drama Online

The school has access to a wonderful online resource that contain thousands of playscripts and access to shows by The National Theatre and RSC. Students will be given the login details in their first lesson.

#### Dubai Opera

Mama Mia Dial M for Murder

#### **National Theatre of Great Britain**

Take a virtual tour around the ground breaking theatre company and meet the artists. www.nationaltheatre.org.uk/backstage



Half the students taking Drama achieved a grade 7 or higher in Aug 2021.



#### How can I support at home?

Encourage your child to make themselves aware of the world around them. e.g. online newspapers, watching the news and reading articles. Allow time to discuss what they have seen and help them to establish not only their perception of current affairs, but a balanced point of view that they can meaningfully discuss. The more that drama students are aware of the world around them, the greater the depths of exploration within the subject.

60% of students achieved an A\* in Music in Aug 2021.



#### How can I support at home?

- Encourage your child to show their learning from Music lessons at home. Additional practice can bring significant improvements to your child's confidence and understanding in Music.
- Practising at home can help to improve physical coordination and stamina when performing music. For example, being able to sustain a constant steady rhythm for the duration of a whole song takes practice to maintain a high standard.
- Students can access many tutorials and play-along videos online that can improve their overall musicianship.
- If your child have access to a musical instrument, encourage 5 to 10 minutes of playing music every day, this can be structured or exploratory practice.



#### What will students study in Term 1?

Music will be taught with a focus on practical skills supported by theoretical concepts. Students will be encouraged to explore their creativity, self-expression and develop physical skills required to produce music using their voices, instruments and digital music technology. The Electronic Dance Project draws upon students' experiences of music they know and enjoy, and creates links with synthesised music since the 1980s; developing their instrumental and vocal skills, their knowledge and skills in listening to music in detail and deepening their understanding of how different aspects of music work together to make a successful song. Students will be guided by the Nord Anglia Performing Arts Learner Ambitions in the following areas:

Following on from the Electronic Dance Project, students will deepen their performance experiences. They will consider how to engage an audience, the musician as a professional, aspects of live music setup, and performance for varying settings and purposes. Student will develop their learning in this half term through the following Nord Anglia Performing Arts Ambitions:

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#### How can I extend my child?

To extend your child beyond the school curriculum, please encourage them to attend the wide range of creative arts extra- curricular activities that the school provides.

Encourage your child to sign up for instrumental/vocal lessons through the International Music Institute or Juli Music Institute. More details at https://www.imig.ae/. BIS Abu Dhabi student pricing for online classes available at https://www.musicart.ae/

**Collaboration** – recognizing ways we develop ideas and find solutions when making music together.

**Reflection** – continuously and intuitively evaluate and critique performance, composition, or artistic contribution. Show insight into own processes and discuss influences, using a range of musical vocabulary. **Performers** –refine performance skills; employ strategies to perform in a range of genres and textures to convey style and emotion.

**Musical literacy** – discuss a range of roles existing within the music profession.

**Curiosity** – ask insightful and perceptive questions about their own learning, comparing multiple viewpoints.

**Expression** – understand the communicative connection between performer and audience. Articulate sophisticated and personal responses to a wide range of performances, discussing the use of emotion and how it is communicated.

**YouTube** is an excellent resource for listening skills as well as for instrumental tutorials.

Musictheory.net is great for extending your child's grasp of music theory and notation.



# ducation hysical E

#### What will students study in Term 1?

In Year 7, students will aim to study a range of topics across the key strands of Physical Education. Boys and Girls PE groups will be taught separately however may cover similar key concepts in term 1. An outline of these key concepts can be found below:

#### Yr7 Boys' PE:

- Fitness & the Body
- Net & Wall games
- Invasion games
- Athletics
- Swimming

#### Yr7 Girls' PE:

- Dance
- Invasion Games
- Fitness & the body
- Striking & Fielding
- Swimming

#### How can I extend my child?

To extend your child beyond the school curriculum, please encourage them to pursue further sporting opportunities within the area. There are several sports clubs that are offering sport-specific online training opportunities on their relevant social media with the aim of keeping students active and engaged in sport.

The relevant sports coaching providers within the area for your child include:

- PASS Abu Dhabi Football <u>https://www.</u> passabudhabi.com/
- Emirates Karate <u>http://emirateskarate.com/</u>
- Be Fit https://www.facebook.com/Befitsc/
- Al Mahara Diving Center <u>https://www.divemahara.</u> com/
- Amadeus Music Institute <u>http://www.</u> amadeusmusicinst.com/
- Neptune Swim Academy <u>https://www.facebook.</u> com/NeptuneSwimming09/
- Gulf Star <u>https://gulfstarsports.com/</u>

56% of students achieved a grade 8 or higher in Aug 2021.



#### How can I support at home?

It will be advantageous if your child pursues sporting interests as well as other physical activity opportunities outside of school curriculum. Therefore, please encourage your child to participate in the CCA programme. Also, you can encourage your child to engage in the Year 7 PE Curriculum Teams forum online, contributing to the posts submitted by teachers.



#### THE BRITISH INTERNATIONAL SCHOOL **ABU DHABI**



A NORD ANGLIA EDUCATION SCHOOL