



*Curriculum Synopses*  
Year 10 Term 2



THE BRITISH INTERNATIONAL SCHOOL  
ABU DHABI  
A NORD ANGLIA EDUCATION SCHOOL

# 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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# Year 10 Team



**Ms. Kirsty Baker**

**Head of Year 10**

[kirsty.baker@bisad.ae](mailto:kirsty.baker@bisad.ae)

The Year 10 Pastoral Team is led by Ms. Kirsty Baker, along with 6 form tutors and a wider extended team. Students attend form time registration each morning at 7:45am, when the National Anthem is 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.



**Ms. Lisa Mc Manus**

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**Mr. Tom McGovern**

**10F Form Tutor**

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## What will students study in Term 2?

Students will come back from the winter break and start to read an anthology of both poetry and prose texts in order to produce a piece of coursework. This will account for 40% of their grade. They will also write a short commentary on the texts they have read to explain why they have chosen the texts they did for their coursework. They will then be awarded a mark out of 30 using the following criterion:

- AO1: Read and understand a variety of texts, selecting and interpreting information, ideas and perspectives
- AO2: Understand and analyse how writers use linguistic and structural devices to achieve their effects

*100% of students achieved at and above grade 5 at IB (out of 7).*



## How can I extend my child?

It is really important that your child makes an informed decision about which texts they feel most familiar with for their coursework. So re-reading these texts and other works by the authors will help. Mrs. Rumsey has made some YouTube analysis videos which are great to watch and support the learning in class: [https://www.youtube.com/channel/UCUgkNFOz6OhFU\\_aztonzCEg](https://www.youtube.com/channel/UCUgkNFOz6OhFU_aztonzCEg). There are also lots of very useful books that support essay writing: How To Write Essays for GCSE English by Neil Bowen and Snap Revision, Reading for understanding, analysis and Evaluation by David Cockburn



## How can I support at home?

Ask your child about the content covered that week in class. Perhaps they have read a new poem or short story. In verbalising their new knowledge it will help deepen their understanding. Your child could start to make mind maps for each text: the themes, settings, characters and relevant context. This is a simple yet very effective way to gather and collate information which they can draw on when they are summatively writing their essays.

At home, students can access our many Library resources, including thousands of eBooks, from the school library website at <https://bit.ly/BISADS> or by scanning this QR code. Ask your child to show you TeenBookCloud!

60% of students attained a grade 7 or higher in Aug 2020.



### How can I support at home?

The key to success is attendance. Making sure that students are present and engaged and any work missed should be caught up. Please talk to our child about the texts they are reading, ask their opinion of the characters, how the plot is developing, recurring themes and their relevance to the text. They will hopefully be able to let you know how the context in which it was written has shaped the authorial choices. It is vital that students read the text in class but also that they consolidate this learning at home- this may also mean watching various film adaptations.

### What will students study in Term 2?

Students will come back from the February half-term and begin studying Macbeth. The focus of which will be to understand the language used by Shakespeare. They will also read around the text exploring the social, historical and political context in which it was written. The work produced will be marked using the following criterion:

- AO1: Demonstrate a close knowledge and understanding of the text, maintaining a critical style and presenting an informed personal engagement
- AO2: Analyse the language, form and structure used by a writer to create meanings and effects
- AO4: show understanding of the relationships between texts and the contexts in which they were written

### How can I extend my child?

Please always encourage reading at home. We recommend a breadth of reading and this may include Shakespeare's other works. They may want to look at practice essay questions and under timed conditions. The following websites/ books may also support their revision: <https://www.sparknotes.com/shakespeare/macbeth>. Macbeth: York Notes for GCSE (9-1) GCSE Macbeth Grade 9-1 by CGP Books

There is also a good book available for advice on how to write essays on Macbeth: Macbeth, Essay Writing Guide for GCSE (9-1) by R.P. Davis

## What will students study in Term 2?

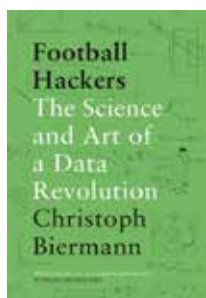
In year 10, students will either be following iGCSE Higher or Foundation course. 10Ma1, 10Ma2, 10Ma3 and 10Ma4 will all follow the higher course with 10Ma5 following the foundation course. The course content for the higher given below, Ms. Butler will email parents of 10Ma5 with content details.

### Higher Course Content

1. Algebraic Manipulation
  - a. Understand the concept of a quadratic expression and be able to factorise such expressions
  - b. Manipulate algebraic fractions where the numerator and/or the denominator can be numeric, linear or quadratic
  - c. Expand the product of two or more linear expressions
2. Powers and Roots
  - a. Understand the meaning of surds
  - b. Manipulate surds, including rationalising a denominator
  - c. Use index laws to simplify and evaluate numerical and algebraic expressions involving integer, fractional and negative powers
3. Graphical Representation of Data
  - a. Construct and interpret histograms
  - b. Understand the concept of a measure of spread
  - c. Find the interquartile range from a discrete data set
  - d. Construct cumulative frequency diagrams from tabulated data
  - e. Estimate the median from a cumulative frequency diagram
  - f. Estimate the interquartile range from a cumulative frequency diagram
  - g. Use cumulative frequency diagrams
4. Measures
  - a. Use compound measure such as speed, density and pressure

## How can I extend my child?

Some excellent maths books to study and further students' knowledge outside of the curriculum.



Football Hackers: The Science and Art of a Data Revolution  
By Christoph Biermann

ISBN-10: 1788702050  
ISBN-13: 978-1788702058

Available on kindle and paperback

*27% of students achieved a grade 9 in Mathematics at GCSE.*



## How can I support at home?

All pupils will be issued with an iGCSE textbook and will have access to multiple online packages. We would also recommend <https://www.savemyexams.co.uk/> as an excellent study and revision resource. It can often be difficult to support students when they have reached Year 10 as the work is more complex. In Mathematics practice is always key, at home we would look for short regular study rather than once a week for a long period of time. Three slots of 30 minutes would be ideal in Year 10. If you require more guidance please contact Mr. Starost at [stephen.starost@bisad.ae](mailto:stephen.starost@bisad.ae)

40% of students achieved either a 6 or 7 in IB SL/HL in Aug 2020.



### How can I support at home?

All pupils will be issued with an iGCSE textbook and will have access to multiple online packages. We would also recommend <https://www.savemyexams.co.uk/> as an excellent study and revision resource. It can often be difficult to support students when they have reached Year 10 as the work is more complex. In Mathematics practice is always key, at home we would look for short regular study rather than once a week for a long period of time. Three slots of 30 minutes would be ideal in Year 10. If you require more guidance please contact Mr. Starost at [stephen.starost@bisad.ae](mailto:stephen.starost@bisad.ae)

### What will students study in Term 2?

A Mathematics Foundation GCSE is recognized in the same way as a Higher GCSE, but is capped at a grade 5. This allows more students to find the material accessible and continue to work on their problem solving and mathematical ability.

#### Foundation Course Content

1. Pie Charts
2. Polygons
  - a. Understand and use the properties of the parallelogram, rectangle, square, rhombus, trapezium, isosceles trapezium and kite
  - b. Be able to comment on the following for each shape:
  - c. Lengths, angles & parallel sides
  - d. Know the conventions for notation for lengths, angles and parallel sides
3. Ration & Proportion
  - a. Simplifying ratios
  - b. Divide a quantity in a given ratio or ratios
  - c. Use the process of proportionality to evaluate unknown quantities
  - d. Solve word problems about ratio and proportion

### How can I extend my child?

For students wishing to extend themselves outside of the curriculum, reading the below text would be very interesting:

The Cracking Codebook  
By Simon Singh

ISBN-10: 000717604X  
ISBN-13: 978-0007176045

Available on paperback and Kindle



## What will students study in Term 2?

The aim of this course is to introduce students to the Arabic language and to immerse them with the cultural aspect that would 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, we will complete the topics “what school is like” and “school activities” related to the theme “school” and we will cover “town, region and country holidays” & “travel and tourist transactions” related to the theme “local area, holiday and travel”.

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

*71% of students achieved at and above grade 7 at GCSE (Aug 2020).*



## 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 period 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 extended writing. Therefore, your child may receive writing tasks with instructions that can help produce good quality of writing. We recommend students get a dictionary.

## 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 them to use the below interactive tools:

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



100% of students achieved  
at and above grade 7 at  
GCSE (Aug 2020).



## How can I support at home?

على مدار الأسبوع ستكون هناك واجبات منزلية، التي يمكنكم من خلالها معرفة ما يدرسه الطالب في الصف ومساعدته إن واجه بعض الصعوبة في حلها كما يمكنكم تشجيع الطلاب على قراءة الكتب باللغة العربية والتي ستزيد من رصيدهم اللغوي. يمكنكم أيضًا أن تسألوا الطالب عن النصوص التي قام بدراستها ومدى فهمه لها. ألق نظرة على الأنشطة الموجودة في كتاب الطالب وأسأله عما إذا كان يفهم الأهداف وكيف يمكنه تحقيقها. شجع الطالب على البحث على نصوص ومواضيع مماثلة لما درسه في الصف ومواصلة القراءة على نطاق واسع .

## What will students study in Term 2?

خلال الفصل الدراسي الثاني للصف العاشر 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 فردي باتباع استراتيجيات مختلفة.

حيث سيقوم الطلاب بقراءة النصوص الأدبية وتحليلها، وتقييم مدى تحقيق الكاتب لغايته، وربط النص بسياقه التاريخي، والاجتماعي، والمعرفي، واستخلاص السمات الفنية. بالإضافة إلى الكتابة في أمثاط مختلفة ولجماهير مختلفة والمشاركة في 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.

- سيدرس الطلاب خلال الفصل الدراسي الثاني ما يلي:
- القراءة والنصوص: قصة الكرتونة - الأيام لطفه حسين )+نصوص إثرائية تقيس فهم واستيعاب الطالب متعلقة بمواضيع IGCSE
- النحو: الاستثناء - مهارات نحوية أخرى (من ملزمة النحو)
- الاستماع: كيف تكون مبدعاً .
- البلاغة: الطباق والمقابلة
- الكتابة: كتابة نص اقناعي- كتابة نص تفسيري .

## How can I extend my child?

يرجى تشجيع الطالب على القراءة المستمرة في المنزل والتي ستزيد من مخزونهم اللغوي، كما نوصي بشدة ضرورة ممارسة الكتابة بشكل دوري، وقد يكون ذلك من خلال كتابة قصص قصيرة، أو شعر... إلخ. وليكن في علمكم ان المكتبة الخاصة بقسم اللغة العربية تزخر بمجموعة كتب قيمة ومتنوعة يمكن للطلاب أن يستعير منها ما يشاء. كما يمكن للطلاب تصفح الموقعين التاليين حيث توجد الكثير من الكتب والقصص والروايات التي يمكنه أن يستفيد منها.

<http://www.syrianstory.com/amis>  
<http://al-hakawati.net/stories>

## What will students study in Term 2?

Students will start a new chapter in both the Ministry curriculum and IGSCSE.

In the Ministry Book they will understand the Prophet's Sunnah and how to apply it in our daily life. Also, they will analyse the Prophet's (PBUH) methodology in Da'wah. From this point we will link it to the IGCSE to recognise the nature and importance of prophethood for Muslims and what the roles of prophets teach Muslims. Beside that, they will learn the lives of prophets before Muhammad: ( Adam -Ibrahim - Isma'il - Musa - Dawud - Isa. In addition, they will learn the nature and role of Shahadah for Muslims and the nature and significance of Salah for Muslims, the importance of Salah in the life of Muslims.

Finally, the students will understand Muslim beliefs about the nature of leadership and the responsibility of religious and political leaders, and the challenges faced by leaders of Islam in the modern world.

*70% of students who sat Islamic Studies attained a grade 7 or higher.*

## How can I extend my child?

To promote and enrich the themes of Islamic education, you can use the following links with your child/children at home:

[https://www.youtube.com/watch?v=Kw\\_8JQZnHDmc](https://www.youtube.com/watch?v=Kw_8JQZnHDmc)  
<https://mawdoo3.com>  
<https://www.soundvision.com/article/halal-and-haram-food-in-the-quran-and-hadith>  
<https://www.youtube.com/watch?v=ruEwoHLgKP8>  
[http://www.sosyalarastirmalar.com/cilt10/sayi50\\_pdf/5egitim/asikev\\_hacer.pdf](http://www.sosyalarastirmalar.com/cilt10/sayi50_pdf/5egitim/asikev_hacer.pdf)  
 and for memorisation Qura'n and Tajweed you can use the following link:  
[http://www.memorize-quran-app.com/.](http://www.memorize-quran-app.com/)

## How can I support at home?

The supporting at home 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 (PBUH) in the heart of the student through the experience of the Prophet's biography, and provide the life of the Prophet (PBUH) as a good example and a role-model to follow. To promote and enrich the themes of Islamic education, you can benefit from the following links:

- <https://www.google.com/search?q=halal+and+haram+food&oq=halal+and+haram+food&aqs=chrome..69i57j0l7.6373j0j7&sourceid=chrome&ie=UTF-8>
- <https://www.al-islam.org/code-ethics-muslim-men-and-women-sayyid-masud-masumi/rules-relating-marriage-and-its-ceremonies>
- <http://www.lastprophet.info/prophet-muhammads-relationships-with-his-family-and-relatives>

70% of students who sat Islamic Studies attained a grade 7 or higher.



منهج التربية الإسلامية للصف العاشر يهدف إلى تأكيد الهوية الوطنية للطلاب، تقوية أواصر المحبة والأخوة، والتعاون فيما بينهم. كما يهدف إلى إعداد الطالب للمشاركة الفعالة في بناء المجتمع، مواكبة التغيرات العالمية، والانفتاح بوعي على الثقافات الأخرى. أضف إلى اشتغاله على كل ما يرتبط بحياة الطالب ووجوده وقيمه وتراثه الإسلامي العظيم.

تنقسم معايير التربية الإسلامية إلى 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.

نضع بين أيديكم المادة الدراسية لطلاب الصف العاشر للفصل الدراسي الحالي:

سوف يبدأ الطلبة فصلاً جديداً في منهاج الوزارة والمنهاج البريطاني IGCSE.

في كتاب الوزارة، سوف يفهم الطلبة سنة النبي صلى الله عليه وسلم وكيفية تطبيقها في حياتهم اليومية، وأيضاً تحليل أسلوب النبي في الدعوة.

ومن خلال هذه النقاط سيتم ربطها بالمنهاج IGCSE والذي يركز على النقاط الآتية:

- أهمية النبوة للمسلمين وما هو دور الأنبياء في تعليم الناس.
- حياة الأنبياء قبل النبي محمد صلى الله عليه وسلم (آدم، إبراهيم، اسماعيل، موسى، داوود وعيسى)
- طبيعة ودور الشهادة للمسلمين
- دلالة الصلاة للمسلمين وأهمية الصلاة في حياة المسلمين.
- أخيراً سيفهم الطلبة اعتقادات المسلم حول طبيعة القيادة ومسؤولية القيادات الدينية والسياسية والتحديات التي تواجه القيادات الإسلامية في العالم الحديث.

### الدعم المنزلي

يهدف الدعم المنزلي على تمتين صلة الطالب بالقرآن الكريم كونه المصدر الأول للمعرفة والسلوك والقيم. وذلك لبناء عقلية ونفسية قرآنية سليمة. وعليه فإنّ المداومة على قراءة القرآن الكريم مع مراعاة أحكام التجويد أمر لا بدّ منه.

من أساسيات هذا الدعم تقوية علاقة الطالب بالبيئة المحيطة به، والحفاظ عليها وإدراك قيمتها للإنسانية وذلك عن طريق المناقشات والحوارات حول القضايا المعاصرة.

بالإضافة إلى غرس حب رسول الله 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.

### المنهج الإثرائي

لتعزيز وإثراء محاور التربية الإسلامية يمكن استعارة المراجع والكتب المتوفرة في المكتبة. بالإضافة إلى الاستفادة من الروابط التالية :

<https://www.nabulsi.com> > web > category < ١٨ -٠

<https://mawdoo3.com> فضائل سورة الكهف يوم الجمعة

## What will students study in Term 2?

Students will be completing the topic on the circulatory system, and then go on to study excretion, osmoregulation, the nervous system and reflexes, hormones and homeostasis.

The topics covered this term will be:

### Unit 2 Homeostasis and Excretion

- The Kidneys
- Excretion
- Osmoregulation

### Unit 2 Coordination

- Nervous System
- Reflexes
- The Eye
- Hormones and Homeostasis

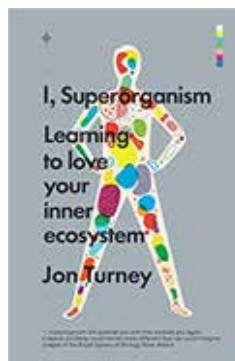
There is no summative exam, but each sub topic will be assessed in class.

## How can I extend my child?

There are a wide variety of videos available covering numerous topics, Planet Earth and Blue Planet looking at the environment, The Human Body series by Robert Winston, and a more disgusting show called Oh Yuck. There are many books including “Why can’t elephants jump?” and many more covering all tastes. Some students may now have a career in mind, so it may be a good time to gain work experience if possible, which staff can advise on.

I, Superorganism  
by Jon Turney

ISBN-13: 978-1848318229  
ISBN-10: 1848318227



*Two thirds of students attained a grade 6 or higher in Aug 2020.*



## How can I support at home?

Encourage students to regularly update their OneNote notebook and be sure that they upload all completed work to the relevant pages. Your child has an account on the website Century Tech 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 completed 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.

*Half the students attained a grade 7 or higher in Aug 2020.*



### How can I support at home?

Encourage students to regularly update their OneNote notebook and be sure that they upload all completed work to the relevant pages. Your child has an account on the website Century Tech 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 completed 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.

### What will students study in Term 2?

The students will be learning about ways to test and identify different chemicals, and the composition of gases in our atmosphere.

#### Chemical tests

- How to experimentally test an unknown gas
- How to experimentally find the identity of an unknown salt
- How to test for the presence and purity of water

#### Gases in the Atmosphere

- Combustion
- Thermal decomposition
- Pollutants
- Global Warming

There is no summative exam, but each sub topic will be assessed in class.

### How can I extend my child?

Students can extend their knowledge by reading about current advancements using science news <https://www.sciencenews.org/> this will enhance their understanding of the application of chemistry in the pharmaceutical, cosmetic and nanotechnology industry.

Another useful website to extend their understanding is daily science news, [https://www.sciencedaily.com/news/matter\\_energy/chemistry/](https://www.sciencedaily.com/news/matter_energy/chemistry/). Students can find regular news and discoveries taking place in the chemical industry. To specifically extend on topics that are taught in the curriculum, allowing students to broaden their understanding of the topics they are learning, a useful website is <https://www.sciencenewsforstudents.org/>. This will allow students to understand the real-life application of the chemistry topics they are learning in a broader context, enabling them to take a holistic approach to their learning. The Royal Society of Chemistry Channel on YouTube, provides informative videos on careers in Chemistry as well as up to date discoveries taking place.

## What will students study in Term 2?

The students will complete their studies in static electricity and then move on to study topics 3 - waves light & sound.

### Topic 2 Electricity

- Voltage, current & resistance
- Series and parallel circuits
- Non-ohmic components
- Electrical safety
- Alternating and direct current

### Topic 3 Waves

- Wave properties
- The electromagnetic spectrum
- Reflection and refraction of light
- Sound waves

There is no summative exam, but each sub topic will be assessed in class.

## How can I extend my child?

Students should follow the READ of the WEEK posts that are on the Year 10 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 documentaries available on the Discovery Channel & YouTube. "Through the Worm-hole with Morgan Freeman, A Biography of Sir Issac Newton - <https://youtu.be/8gn25aZT1Bc> and 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/UCpMcsdZf2KkAnfmxiq2MfMQ>.

*78% of students attained a grade 6 or above in Aug 2020.*



## How can I support at home?

Encourage students to regularly update their OneNote notebook and be sure that they upload all completed work to the relevant pages. Your child has an account on the website Century Tech 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 completed 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.

73% of students achieved grade 7 and above at GCSE (Aug 2020).



### 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. BBC Bitesize is a good revision site: <https://www.bbc.co.uk/bitesize/subjects/zkw76sg>  
The development of subject specific vocabulary is essential to success in this part of the course. Online resources such as Quizlet can be used for this. <https://quizlet.com/265016401/geography-igcse-rivers-flash-cards/>, <https://quizlet.com/200405957/cambridge-igcse-geography-03-coasts-flash-cards/>, <https://quizlet.com/155654482/igcse-cie-geography-24-weather-flash-cards/>, <https://quizlet.com/120101166/cambridge-igcse-geography-09-climate-and-vegetation-flash-cards/>

### What will students study in Term 2?

In the second term of Year 10 Geography students will be continuing the study of Theme 2 of Paper 1 in the Cambridge IGCSE (9-1) Geography 0976 syllabus. This theme focusses on understanding the physical geography of rivers, coasts, weather and climate. Investigations into human interactions in these environments will be made, in particular how the natural environment offers opportunities and threats. Case studies of place specific examples for each of these units are also studied.

Students will also begin working on the Skills Unit in preparation for the CIE Paper 2 IGCSE (worth 27.5% of their final grade). Students will explore a range of geographical skills topics both theoretically and with application to real world examples including:

- Observation Skills – how to draw inference from geographical sources including maps, photographs and written sources
- Map skills – grid references, contours, height, direction, scale, symbols and cross-sections.
- Graph Skills – how to draw, build and analyse the right kind graph for your geographical data
- Data Analysis – how to draw conclusions and evaluations from geographical data.

Students will be assessed by test on their overall knowledge of the each of the Paper 1 - Theme 2 units as they are completed using past paper exam questions. Ongoing assessment of Paper 2 will be through past paper questions in class and for homework. Students will also be set a number of assignments on the Seneca Learning online platform.

### How can I extend my child?

One of the best ways to develop students' extended responses is for them to keep up to date with current affairs and case studies that they can use. A great way to do this is to follow the Geography Flipboard on #ibgeog19. Here, topical news stories will be added regularly to develop student's access to geography in the news. Search #ibgeog19 on flipboard.com or follow the link to subscribe: [bit.ly/2Zp8zvd](https://bit.ly/2Zp8zvd). To extend your child beyond the school curriculum please encourage them to engage with other Geography current affairs news stories found on reputable sites such as BBC science and environment. [https://www.bbc.com/news/science\\_and\\_environment](https://www.bbc.com/news/science_and_environment)

Engage with documentaries on the natural world and in particular threats to the natural world, such as those by National Geographic or David Attenborough.

## What will students study in Term 2?

In Term 2, business students will conclude Unit 2: Human Resources Management (HRM). Students will learn how a business recruits and retains their employees as well as understanding the importance of communication in business. Then our focus will shift to the next unit: marketing. Students will develop their understanding of how innovation, ethical considerations and cultural differences influence marketing strategies as well as analysing the impact of changing technology on promotional strategies. Students will be required to undertake independent research to analyse a business' promotional strategies according to the syllabus. Students will develop their knowledge of business concepts and techniques across a range of different types of businesses. At the end of each unit, students will be given an exam which will cover all topics studied in that section in order to prepare them for their GCSE paper 1 and paper 2.

*70% of students attained a grade 7 or higher in Aug 2020.*



## How can I extend my child?

To extend your child's understanding of Business Studies, students can keep up to date with current world business affairs and read appropriate news articles. These articles can be brought into their teacher to be further discussed. Useful websites to develop a broader understanding of the business world include: Economist, Financial times, BBC Business news. Websites that are useful for revision include: GCSE bitesize, Tutor2u, Bized.co.uk.

## How can I support at home?

All Business Studies students are asked to revise topics and key terms studied in previous sections. Understanding and explaining key terms is a vital element to success in IGCSE Business. Students will be expected to keep their OneNote up to date and have all tasks completed. Students should be encouraged to use correct business terminology especially key terms when completing homework activities. All resources can be found on OneNote. For projects, students will be given a soft copy as well as a hard version of the outline and expectations. Test dates will be given to students at least two weeks prior to assessment with revision material available on OneNote.



80% of students attained a grade 7 or higher in Aug 2020.



### How can I support at home?

Please ensure that your child reads over the notes they made that day. Students should be making revision cards, synthesizing the theory covered with definitions and diagrams- this will be ongoing. Please ensure that your child is up to date with this. They will also start learning how to analyse and evaluate in Economics- having discussions at home regarding current political issues and asking them to explain their reasoning and defend their choices will help them with this technique.

### What will students study in Term 2?

The Pearson Edexcel International GCSE in Economics qualification enables students to:

- Develop an understanding of economic concepts and apply these concepts to real-life situations
- Calculate, interpret and evaluate economic data in order to make reasoned arguments and informed judgements
- Develop an awareness of economic change and its impact on developing and developed economies
- Understand economic issues, problems and possible solutions that affect mixed economies
- Participate effectively in society as citizens, producers and consumers.

This term students will be learning about Microeconomics. They will start by learning about basic economic problems. All resources are scarce and therefore limited in supply. Consumers, firms and governments all have to make choices between different products and these choices will introduce them to the concept of opportunity cost.

Microeconomics is the study of individual markets. Year 10 students will complete the first unit Micro-Economics before their midterm exams. How markets work and fail. After their midterm exams students will start Unit 2: Business Economics. Here they will learn about market structures, firm objectives, why some firms wish to grow, and others remain small.

### How can I extend my child?

In order to keep up to date with latest Economic issues and discussions subscribing to the Economist will be beneficial- they do a special student package. <https://www.economist.com/>

Being up to date with current affairs will also prove very useful.

The BBC's Economy section will also be useful. <https://www.bbc.com/news/business/economy>

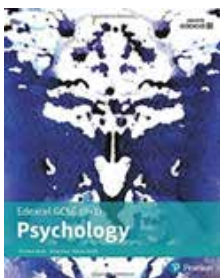
## What will students study in Term 2?

This term Year 10 Psychology students will continue to develop their psychological understanding of human behaviour. In addition, they will continue to work on their AO1 (Knowledge) and AO2 (Application) exam skills. Students have briefly been introduced to AO3 in the previous term, and this will be developed in a lot more in the upcoming term to prepare them for the expectations of the exams that they will sit at the end of Year 11. The key Psychological topics that will be covered in this term are as follows:

1. **Developmental Psychology:** Students will learn how an infant's brain develops, and the importance of cognitive development in terms of social and emotional skills. Students will have a lot of opportunities to apply the theories in this topic to their own learning and may help them understand how they can learn/revise more effectively. Key Psychological studies in this topic consist of Piaget and Inhelder (1956) and Gunderson et al. (2013).
2. **Moral Development:** As part of the Developmental topic students will cover the Psychological issue of moral development and learn how infants begin to develop their sense of right and wrong. They will also explore Kohlberg's theory of moral development which argues that moral development occurs in 3 stages, and students will develop an understanding that not all humans reach every stage of moral development throughout their entire life.
3. **The brain and Neuropsychology:** Students will learn how to identify the different regions of the brain, as well as their separate functions. They will look at neurotransmission and discover how our brain communicates with the rest of the body, as well as appreciating how certain individuals can experience specific types of brain damage such as Visual Agnosia and Prosopagnosia. Key studies within this topic consist of Damasio et al (1994) and Sperry (1968).

## How can I extend my child?

The following textbook will be used within lesson time, in order to prepare your child for success in Psychology:



### **Edexcel GCSE (9-1) Psychology**

By Christine Brain, Anna Cave and Karren Smith

ISBN-10: 1292182776

ISBN-13: 978-1292182773

Available on paperback and kindle

*Half of students attained a grade 7 or higher in Aug 2020.*

## How can I support at home?

Student homework tasks will vary from week to week, but will include exam style questions, online quizzes and self-assessment tasks. Most homework tasks will provide students with the opportunity to extend their knowledge in the form of a challenge task. All students can choose to complete this task if they wish, yet students consistently achieving 70% or above in class assessments (3 or more consecutive class assessments) should always be completing these tasks within a reasonable amount of time.

In addition to homework, this will be a good time in the year for students to organise their independent revision/study time outside of school to prepare for regular class assessments, as well as more formative assessments that will assess their knowledge of Year 10 Psychology (that take place at the end of the academic year). We would be extremely grateful if, at home, you could support students with their revision and ensure they are in a good routine with consolidating their class notes and preparing for upcoming assessments.

Upcoming class assessments (Jan – April):

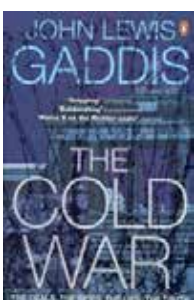
- Memory Key term quiz
- Memory End of topic assessment (exam style questions)
- Developmental Psychology Key term quiz
- Developmental End of topic assessment (exam style questions)

73% of students achieved grade 7 and above at GCSE (Aug 2020).



### How can I support at home?

Students can be encouraged to spend time at home reading and researching the topics mentioned above, in order to broaden their understanding of the context of the time and build up a topical vocabulary. Students can utilize websites such as BBC Bitesize to review topics and take interactive tests.



#### **The Cold War** By John Lewis

ISBN-10: 0141025328  
ISBN-13: 978-0141025322

Available on paperback and kindle

### What will students study in Term 2?

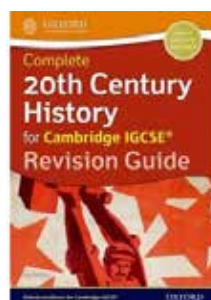
Year 10 students are continuing to study the Core Content for Paper one of their IGCSE examination. The topics are based on International Relations since 1919 and are based on a number of key enquiries. These topics include:

1. Why had international peace collapsed by 1939? This topic examines the long term consequences of the Treaty of Versailles, the consequences of the League of Nations, the extent to which Hitler's foreign policy was to blame for the outbreak of war, and the relative importance of the policy of appeasement and the Nazi-Soviet Pact.
2. Who was to blame for the Cold War? This topic examines the reasons for the USA-USSR alliance breaking down in 1945, how the USSR were able to gain control of Eastern Europe by 1948, the USA's response to Soviet expansion, and the consequences of the Berlin Blockade.

### How can I extend my child?

There are a number of excellent documentaries that cover the topics we study in Term 2 including: Hitler in Colour, and the CNN 24 part series on the Cold War. Both of these can be found on YouTube.

There are several fantastic podcasts available on 'podcast' that cover the topics that we study. One example is Tunnel 29, which interviews men and women who escape from East Germany to West Germany during the Cold War.



#### **20th Century History** **Cambridge iGCSE Revision Guide**

ISBN-10: 019913636X  
ISBN-13: 978-0199136360

Available on paperback and kindle

## What will students study in Term 2?

In this term your child will be learning how to build mathematical models using Microsoft Excel as part of the practical examination (paper 2).

For this topic, students will focus on the following skills:

- Using and navigating the application
- Cell referencing
- Managing worksheets
- Formulae and functions
- Formatting
- Charts
- Preparing outputs

*Two thirds of students attained a grade 6 or higher in Aug 2020.*

## How can I extend my child?

The aim of this unit is to help develop student's skills in spreadsheets. They can research examples of spreadsheets online and how spreadsheets are used around the world for building mathematical models and simulations. Students should speak to relatives or family friends and ask if they use Excel or Spreadsheets in their work. Students can apply their theory knowledge into real life.

They can also visit <https://traffic-simulation.de/> to explore other mathematical models that are not produced using Microsoft Excel. A great example of this can be found on the following website. Give your child the freedom to explore and interact with this model.



## How can I support at home?

Ensuring students are completing their home learning. Revisiting their work on Microsoft Teams where all resources will be shared with students. Going over their lesson notes to consolidate their learning.

76% of students achieved a grade 7 or higher in Aug 2020.

### How can I support at home?

There is various support material that should be used extensively at home in addition to any home learning tasks set. All resources used in lesson are available on our Microsoft Teams platform which is available on any device with an internet connection.

- Standard lesson resources (all worksheets and answers included for self assessment)
- E-books for all classroom textbooks
- Exam revision packs for all topics studied (based on exam paper questions)
- Classroom notes taken in OneNote

I would like to stress the importance of external reading. The highest achieving students in our school will make extensive use of external texts to support any learning that has occurred in lesson. I would not recommend that you purchase all of the books below but I would strongly suggest that your child has one of these to refer to. All of these books are available as E-Books for you to review prior to purchase.

- Cambridge IGCSE Computer Science – Study and Revision Guide – David Watson and Helen Williams – ISBN 978-1-471-86868-9
- Cambridge IGCSE – Computer Science Revision Guide – David Watson and Helen Williams – ISBN 978-1-107-69634-1
- Cambridge IGCSE – Computer Science – Programming Book for Python by Chris Roffey - ISBN – 978-1-316-61782-3
- Cambridge IGCSE Computer Science workbook – David Watson & Helen Williams – ISBN 978-1-471-86867-2

### What will students study in Term 2?

During this term students will be working through both theory and programming skills.

Through the first half term students will be learning about the computing hardware and how the internal components of a computer functions and work together.

In the second half of the term students will begin to develop a deep understanding of how to write computer code in Python 3. Students will be working towards Iteration and basic data structures – Arrays.

### How can I extend my child?

There so many ways to extend the learning for computing. listed are a couple of ideas here but please either get in contact or ask your child to come and speak to me (I can usually be found in room 305).

Have a go a programming a microcontroller via the Arduino platform. The Arduino can be purchased relatively cheaply and I am happy to demonstrate how to get started as we have the equipment available within school. There is also a very good online simulation where you can program virtual devices. There are extensive online tutorials to support you.

Online simulation - <https://create.arduino.cc/>

Official website - <https://www.arduino.cc/>

I would also recommend The Book Code: The Hidden Language of Computer Hardware and Software (Charles Petzold)



## What will students study in Term 2?

In Year 10 students have chosen to continue to develop further their study of a foreign language as an option. Our aim is not only to prepare them for the requirements of the Cambridge IGCSE in Foreign Language but also to equip them with the tools to participate in familiar conversations, understand and produce a range of texts of a lower intermediate level (A2-B1). One of the key aspects of success at IGCSE is the ability to express past, present and future tenses and a regular revision of the vocabulary in the following topics:

Topic areas:

Everyday activities:

- My home: describing your house, where you live, what you do round the house
- My local area: describing the region, living the city, in the countryside, places.
- Food and drinks : describing meals and local cuisine
- Health: discussing healthy food and eating habits

Assessment : Mid-year assessment in February will be a IGCSE like paper covering a range of topics

*Two thirds of students  
attained an A\* at GCSE  
in Aug 2020.*



## How can I extend my child?

We encourage the students to take every opportunity they get to [use the language with a purpose](#): whether on holiday to order at the restaurant, or to ask for the way in school, with the numerous native speakers to engage a simple conversation, etc. There will be some [conversation sessions at lunchtime](#) with natives and IB students for students to drop by and practise.

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

TV5 Monde is a free French speaking channel that can easily be accessed through your TV provider and online.

Useful website to revise or extend vocabulary and grammar:

[www.languagesonline.org.uk](http://www.languagesonline.org.uk)

<https://legacy.language-gym.com/>

## How can I support at home?

At home, you can encourage and check the consistent learning and revision of vocabulary. In Year 10 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](http://www.languagesonline.org.uk) offers vocabulary and grammar activities following our curriculum.

[www.linguascope.com](http://www.linguascope.com) (bisad; 20twenty) is great for basic vocabulary games and GCSE content.

*47% of students achieved a grade 7 or higher in Aug 2020.*



### How can I support at home?

Taking an interest in your child's artwork to see what assignments they have been set and the progress they are making. Ensure they have access to all the practical art making equipment and paper they need to fulfill the assignments. Though not essential, access to a colour printer if working from home would be advantageous.

### What will students study in Term 2?

Students will begin to research and investigate the work of the Dutch painter Rembrandt, exploring how he used portraiture to document the aging process. Students will investigate the use of drawing aids to support creating accurate drawing and begin a sustained self portrait pencil observational drawing demonstrating and understanding of Rembrandt's use of Chiaro Scuro.

Areas of study include:

- Developing ideas through artist investigations and research
- Analysing the works of artworks from different times and places
- Exploring art media techniques and processes.
- Recording the development of ideas in written and visual formats
- Creating personal responses to their investigations.

### How can I extend my child?

Family discussions are a great way to broaden the development of ideas and critical thinking skills. Ask your child about their area of interest and conceptual focus. Visit Art Galleries exhibitions in person where possible and online to gather visual resources and explore art from different cultures, contexts and times. Ensure they have access to a creative practical space and art materials at home as well as in school.

Explore current art events by visiting Art2Day: <https://www.art2day.co.uk/>

Google Art and Culture: <https://artsandculture.google.com/?hl=en>

Warehouse 421: <https://www.warehouse421.ae/en/>

Louvre AD: <https://www.louvreabudhabi.ae/>

Manarat Al Saadiyat: <https://manaratalsaadiyat.ae/en/default.aspx>

## What will students study in Term 2?

Students will be introduced to the Scripted and Devised element of the IGCSE course. Through a series of workshops they will discover new ways of approaching script and character. The workshop skill will then be applied to a Mock IGCSE exam in the second half of the term. These pieces will be assessed using both the creating and performance criteria as outlined by Cambridge. Students will then sit a short written exam based upon their practical work.

*Half the students taking Drama achieved a grade 7 or higher in Aug 2020.*



## How can I extend my child?

Recommended Read:

An Actor Prepares  
By Constantin Stanislavski

ISBN-10: 0878309837  
ISBN-13: 978-0878309832

Available on paperback and kindle



Theatre companies to research:

- Invisible Thread
- Trestle
- Fuel

## How can I support at home?

Continue to encourage your child to have open and frank discussions about current affairs. Help them to shape their ideas and opinions of the world around them, allowing them to form valid and informed opinions. Students in Year 10 should be reading a wide variety of literature including plays, fiction, autobiographies, newspapers (online) etc and exposing themselves to live performances. These can be accessed through the link in the section below.

Websites:

New and old, this online library has a vast catalogue of recorded live performances for students to watch and expose themselves to more live theatre.

<https://www.digitaltheatre.com>



*Two thirds of students achieved a B or higher in Music in Aug 2020.*



### How can I support at home?

Taking an interest in your child's artwork to see what assignments they have been set and the progress they are making. Ensure they have access to all the practical art making equipment and paper they need to fulfill the assignments. Though not essential, access to a colour printer if working from home would be advantageous.

### What will students study in Term 2?

Following on from an introduction to music composition software and techniques at the end of term 1, students will begin creating their first piece of composing coursework. We will also begin to focus on the history of western music and music from around the world as areas of study.

### How can I extend my child?

To extend your child beyond the school curriculum, students are encouraged to practice singing and other vocal techniques as well as learning musical instruments such as a keyboard or ukulele. Many tutorials for learning specific skills on instruments are widely available online and students can use the piano function of their DAW if needed. Students may also choose to research music editing techniques that can enhance their music production and DJ skills. A great software to experiment DJ skills is Traktor. Listening and sharing musical tastes with your family and friends is also a good way of extending your child's musical vocabulary and analysis skills.

## What will students study in Term 2?

During this term students will be covering content from Unit 1- Applied Anatomy and Physiology. Students will develop knowledge and understanding of the key body systems and how they impact on health, fitness and performance in physical activity and sport. Students will be continuing with their Personal Exercise Programme in developing their physical health and fitness.

*42% of students achieved a grade 7 or higher in Aug 2020.*



## How can I extend my child?

Further reading. Students are required to have a rounded knowledge of different sports that could be offered in GCSE PE. Researching and understanding the basic rules and key terms associated with the following sports are advisable: Rugby, Cricket, Gymnastics, Field Hockey, Swimming, Football, Netball, Athletics, Volleyball, Badminton and Rounders.

## How can I support at home?

Supporting your child, by ensuring they have completed their weekly Personal Exercise Programme and reviewing their progress would assist the students in achieving their PEP submission date of 28th February 2021.

Encouraging your child to develop and reinforce their understanding of key terms and vocabulary would assist in their understanding of key units.



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