

Design and Technology

Students should access the textbook found on Microsoft Teams. They are advised to study Section 4 in the textbook (topics in these sections include forces and stresses on materials, improving functionality, ecological and social footprint and the 'six Rs' and scales of production).

Students should create a set of revision notes based on section 4 and complete the worksheets provided (also found on Teams).

Food Preparation and Nutrition

Students should study chapters 7-11 in the textbook and create revision notes. These topics include Food Choice, Traditional Cuisines, Sensory Evaluation and Food Sources. The textbook and all PowerPoints and worksheets can be found in Teams.

Computer Science

Students should complete as many lessons as they can on blog.withcode.uk in preparation for programming using Python. As students finish each lesson they can upload their certificate into the Assignment section of Teams. There are 15 lessons in total for students to try.

There is also a textbook on Teams; students should read Section 4: Ethical, legal, cultural and environmental concerns and try to answer the revision questions provided.

Geography

GCSE Geography students should ensure they have completed all the following work set since the 1st June on the 'GCSE Geography 2020-2022' Microsoft Team:

- 1) The UK's Evolving Human Landscape Lessons 1-5
- 2) Dynamic Cities Lessons 1-4

All of these lessons follow the GCSE specification for Paper 2: *UK Geographical Issues*. The link below enables students to review the learning they have completed so far on *UK Geographical Issues* and allows them to complete a course on the rest of the Dynamic Cities work, which will be studied in school in September.

<https://app.senecalearning.com/dashboard/join-class/iz61kfu19b>

Fieldwork is an essential part of GCSE Geography and, during lockdown, the Field Studies Council provided the following resource for UK Human Geography fieldwork. This ties in with the work that students are currently studying: <https://encounteredu.com/uploads/01e-GCSE-Urban-QOL-Pre-lesson-preparation.pdf>

This link then provides the fieldwork video lesson:

<https://encounteredu.com/live-lessons/ks4-how-does-quality-of-life-vary-in-an-urban-centre-220420>

The link below is the resource sheet to complete during the video lesson:

<https://encounteredu.com/uploads/01e-GCSE-Urban-QOL-Live-lesson.pdf>

Science

Students can start to prepare for the content that will be taught on their return in September by reading the relevant chapters in the text books (which are accessible via the Kerboodle website) and making notes:

- Biology – Chapters B1 Cell Structure and Transport and B2 Cell Division (pages 4 to 48 of the GCSE Biology Text Book)
- Chemistry – Chapters C1 Atomic Structure and C2 The Periodic Table (pages 4 to 30 of the GCSE Chemistry Text Book)
- Physics – Chapter P3 Energy Demands (pages 36 to 44 of the GCSE Physics Text Book)

Revision notes should include key words and their definitions, so that students can learn these effectively. Keywords are often printed in bold and can be found in the glossary at the back of the text books.

History

Students should ensure that the 15 hours of GCSE lessons set by the department over the last two terms have been thoroughly completed.

The lessons cover the unit of work *The American West* and the content includes:

- **The Plains Indians: their beliefs and way of life.** Students have learnt about the use of the horse, the importance of the buffalo, the use of the tipi, the structure of Plains Indian society, their beliefs about land and nature and their attitudes to war.
- **Migration and early settlement of the west.** Students have learnt about The Oregon Trail, The Mormon migration, The California Gold Rush, Homesteaders, The Fort Laramie Treaty of 1851, The Mormon War, law and order, and the Transcontinental Railroad.

All students have been emailed the work along with copies of relevant textbook pages. It can also be found on Microsoft Teams.

To support their learning, students may access the following useful websites:

<https://www.bbc.co.uk/bitesize/guides/zw9qk7h/revision/1>

<https://www.tutor2u.net/history/collections/edexcel-gcse-the-american-west-c1835-c1895>

<https://senecalearning.com/en-GB/seneca-certified-resources/the-american-west-c1835-c1895-gcse-edexcel/>

Fine Art

Year 9 students who have opted for GCSE Fine Art should ensure that they have thoroughly completed the two tasks set through Microsoft Teams earlier this term.

The Art team have set a summer project that girls are encouraged to undertake, which will provide pupils with the opportunity to practice their drawing skills and develop ideas for their first project. This project can be found on Teams.

A book which is highly recommended for students read in advance of the course is:
AQA GCSE Art & Design Student Handbook (ISBN: 978-1408503201)

There are many Art books that are designed to help aspiring artists develop their skill sets. Here are a few that might be useful for students:

- *The complete book of Drawing* (ISBN-13: 978-1848375369)
- *How to Draw with Photorealism: Drawing and Shading Techniques* (ISBN-13: 978-1090461162)
- *Lee Hammond's Big Book of Acrylic Painting: Fast, Easy Techniques for Painting your Favourite Subjects* (ISBN-13: 978-1440308581)

Maths

In each girl's MyMaths Account, there is a section entitled 'Summer Work'. This covers all the Foundation and Higher Topics:

Fractions and Percentages
Algebra
Perimeter and Area
Ratio and Proportion

Year 9 pupils began the GCSE course at Christmas time and are about 5 Chapters into the course; girls can therefore revise the learning undertaken so far.

Drama

Year 9 students who have opted for GCSE Drama should look to familiarise themselves with the exam board specification: <https://www.aqa.org.uk/subjects/drama/gcse/drama-8261/specification-at-a-glance>

They should also read *Noughts and Crosses* by Dominic Cooke – (RSC text, ISBN: 978-1-85459-939-1) and watch *Noughts and Crosses* on BBC iPlayer:
<https://www.bbc.co.uk/iplayer/episodes/p082w992/noughts-crosses>

Although the plotline is different to the book, it gives a good introduction to the characters. Finally, students might look at some live performances online (YouTube has a good selection) and attempt a written review. A Word document on Teams offers step-by-step guidance on how to write a review.

Religious Studies

Christianity is the first component of the Religious Studies GCSE. Topics to be covered include Christian beliefs about creation, the Trinity, Jesus' crucifixion and resurrection and beliefs about the afterlife.

Resources to support learning for the GCSE are:

- <https://www.bbc.co.uk/bitesize/topics/zbndy9g> which has information to read, videos to watch and quizzes to complete.
- <https://www.reonline.org.uk/subject-knowledge/christianity/> – under 'beliefs and teachings' there are very short paragraphs of information. Students could begin to create a booklet on Christianity.
- Students could create their own glossary by looking up subject specific vocabulary and writing out the meanings. Click on this link: <http://re-definitions.org.uk/religion/christianity> then click on each word shown to find the meaning.

Physical Education

Pupils studying GCSE PE in Year 10 should use this summer to work on their general fitness and consider the three sports they will choose to be assessed in. One of these must be a team sport, the second an individual sport and a third from either category. The list of permitted sports can be found here, with those for the 2022 examination series beginning on page 3:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/860800/GCSE_PE_activity_list_revised_Nov_2019.pdf

Any pupils who are thinking of being assessed in a 'summer' sport such as tennis, cricket or athletics should be looking to resume club training for their sport when Government advice allows and if possible to film any competitions they may have the chance to participate in, especially in athletics. Please ask your daughter to email Miss Claxton this week for more advice on filming the summer sports, if applicable.

Within lessons we use the following text book: *Edexcel GCSE (9-1) PE Student Book* (2nd Edition), ISBN 978-1292129884. We have a PE subscription to Kerboodle this year, where pupils can use the online text book to aid their learning and revision throughout Year 10: www.kerboodle.com Pupils should use the same login details they currently use for their other subjects and click on the Edexcel GCSE PE link to access the book.

Topics we will start with in year 10 include the Skeletal and Muscular systems, so we would advise pupils to use Kerboodle or the BBC Bitesize website to look at these topics as a priority.

Business Studies

Business is a 'new' subject for the students who have opted.

To get to grips with some key concepts, they should watch the news throughout the summer, in particular looking for the ways in which businesses are adapting during the current pandemic. They should make notes on problems businesses face and how they are overcoming these problems.

They should also look at how Government are supporting businesses and the methods they are using to boost the economy.

BBC News is a wonderful website to keep up to date: <https://www.bbc.co.uk/news> and there is a specific area of the website which focusses on business news: <https://www.bbc.co.uk/news/business>

Music

In preparation for the beginning of the GCSE music course, there are some resources that would be beneficial for your daughter's studies. The main resource used for the two-year course is the *Edexcel GCSE (9-1) Anthology of Music* (ISBN:978 1 292118 39 0). This is used in the majority of lessons and contains the written music notation for the eight set pieces that the students will study. By having their own copy of this, they will be able to make notes and highlight key information that appears in the music.

Students should also learn (or revise) some music theory. The *ABRSM Music Theory in Practice Grade 1* (ISBN-13: 978-1860969423) and *ABRSM Music Theory in Practice Grade 2* (ISBN-13: 978-1860969430) books are a great starting point in order to help support the students' understanding. These books contain activities and key words to learn.

Finally, it is highly recommended that students simply listen to music to explore new musical genres and styles.

Modern Foreign Languages

Success at GCSE is based on a firm grasp of grammar including the ability to conjugate verbs in past, present and future time frames. To this end, the department has sent your daughter an excellent grammar resource including reinforcement activities. Her teachers will be happy to mark these at the start of term for her.

The topics for the AQA GCSE course are as below. They are aimed to suit the interests of a typical teenager.

Theme 1 – Identity and Culture

- 1.a. Me, my family and friends
- 1.b. Technology in everyday life
- 1.c. Free time activities
- 1 d. Customs and Festivals in Spain

Modern Foreign Languages - continued

Theme 2 – Local, national, international and global areas of interest

- 2.a. Home, town, neighbourhood and region
- 2.d. Travel and tourism
- 2.b. Social issues (charity/voluntary work; healthy, unhealthy living)
- 2.c. Global issues (the environment; poverty/homelessness)

Theme 3 – Current and future study and employment

- 3.a. My studies
- 3.b. Life at school / college
- 3.c. Education post-16
- 3.d. Jobs, career choices and ambitions

We would recommend that your daughter refresh her vocabulary in any of these topics. Popular ways to do this include apps such as Memrise, Kahoot! Quizlet and Duolingo.

Finally, students at GCSE find the Listening paper (worth 25%) challenging. With this in mind, we would advise taking every opportunity to listen to spoken French, German or Spanish. You can find links to a number of useful websites on the curriculum pages of the school website. Furthermore, if you have a Netflix/Prime subscription there is a wealth of films and series in target-language. Language learning can be entertaining as well as educational! However, please check age-ratings before allowing your daughter to view them.

English

English Language and English Literature

English Language

In order to be successful at GCSE English Language, it is crucial that your daughter is able to produce effective pieces of descriptive and narrative writing. In both of the GCSE English Language exams, the writing question is worth fifty percent of the available marks. Being a good writer requires lots of reading and lots of practice. In light of this, all Year 9 students have been sent an array of '200-word Challenges', whereby they will be tasked with producing short pieces of descriptive and narrative writing. The aim is for students to get into the habit of producing creative writing on a frequent basis, which will help them to develop their vocabularies and feel confident in expressing their ideas with clarity.

English Literature

In Term 1, your daughter will be studying poetry from the *AQA Power and Conflict* anthology. In preparation for this module, all Year 9 students have been sent an electronic study guide, containing a glossary of poetry terminology, detailed analysis of each poem, and a range of essay writing tasks. In addition to this, they have been sent the login details to the school's MASSOLIT account, along with a link to a series of bespoke lectures on the *AQA Power and Conflict* poems by Professor John McRae from the University of Nottingham. These resources will equip your daughter with the knowledge and vocabulary necessary to analyse the poems, as well as plenty of practice in constructing an essay.