



Year 11 Home Learning Guide for Parents

Autumn Term 2021

Introduction

Thank you for the continued support you are providing in supporting you daughter in her learning.

As you know, BGGS teachers are working hard to ensure that the planned curriculum continues to be taught and any gaps in learning are filled. We hope that the majority of students will be back in school, learning in the classroom, but it is reasonable to assume that there may be some continued disruption in the Autumn term.

Whether your child is learning at school or home, this booklet provides information about what she will be learning this term and how you can best support her.

If you have any queries or need some further support, please contact Mrs Howarth, Vice Principal at your earliest convenience rhowarth@bggs.com

Art

Subject Content

Autumn Half Term 1	Autumn Half Term 2
 Wrapped Tied and Twisted Theme within Natural Forms Mind Map and next steps Primary photographs and contact sheets Researching secondary photographs Drawing out initial ideas Artist of choice based on their sub-themeresearch and analysis 	

How parents/carers can help

One A3 sketchbook is provided within a plastic portfolio for every GCSE Art student at the beginning of the course. It is your daughter's responsibility to keep this work safe. When transporting between home and school it should be left within the art department in individual art drawers in preparation for their lesson before morning registration.

A square format sketchbook will be handed to all students at the end of the Autumn Term in preparation for the ESA (Externally Set Exam) which comes from the AQA board in January of the examination year.

Art students are provided with basic art equipment and can also borrow materials from the department for a set period. A set of coloured pencils was provided to every student at the beginning of Yr10.

All lessons can be found on Teams. Please encourage your daughter to check MS Teams for homework/classwork that needs to be submitted. In Class Notebook, the learning objectives and lesson powerpoints are available for students to view if absent from the lesson. Intervention sessions are held in the Art room at lunchtimes. This is an opportunity to complete prep work, access specialist art materials and have individual support from their art teacher.

Useful Resources

Links to useful videos to watch or tutorials are always embedded into powerpoints where appropriate.

- www.bbc.co.uk/bitesize/subjects/z6f3cdm
- www.studentartguide.com
- Pinterest

Biology

In year 11, the students in set 1 are studying the separate science pathway and all other sets are studying the combined science pathway. If a topic is to be studied ONLY by separate scientists, it will be highlighted in brackets.

Autumn Half Term 1	Autumn Half Term 2
Ecosystems:	Ecosystems- biodiversity and waste management
students will learn interdependence within ecosystems and how this causes competition between species. They will look at how organisms within ecosystems are distributed and will conduct field investigations to study the organisms in our community. They will look at how organisms are classified using the 2 known systems and	Students will look at how materials are cycled within an ecosystem. They will look at human population growth and the impact this is having on the world in terms of pollution, climate change, waste management and biodiversity.

How parents/carers can help.

- Encourage your daughter(s) to regularly revisit her classwork between lessons. This will help consolidate their learning and allow the content to be fresh in their minds ready to be built upon in the next lesson.
- Check if homework has been set and support your daughter(s) in being organised and meeting deadlines.
- Be aware of the useful resources listed below so should your daughter(s) require additional support with their learning, you know where this can be accessed outside of lessons.
- If your daughter(s) are absent from school through illness or self-isolation, refer to the Microsoft Teams Class Notebook pages for the subjects missed, and make sure the work that they have missed is completed before their return to school. This will ensure that there are no gaps in their knowledge, and that they will not be disadvantaged.

Useful Resources

- All students will have access to www.kerboodle.com where they can find an online version of their textbook, learning resources, animations and activities to help support their learning.
- All students will have access to www.doddlelearn.com where they will be assigned additional learning tasks and homework activities. They can also use this at their own leisure should they find they need further support with a particular topic area.
- <u>Oak National Academy (thenational.academy)</u> provides online lessons to support any students who may have missed content due to illness/self-isolating.

Business

Subject Content

Autumn Half Term 1	Autumn Half Term 2
Unit 5 – Marketing	Unit 5 – Marketing
 Identifying and understanding customers 	 Elements of a marketing mix
 Segmentation 	 Using the marketing mix: product and pricing

The purpose and methods of market research
 Promotion and Distribution

How parents/carers can help

- Encourage your daughter to regularly watch a news programme and discuss any item where the impact on Business is discussed. Current areas of interest could be the impact of Covid-19 or BREXIT
- Encourage your daughter to collect and keep a selection of advertisement leaflets / flyers that are posted to your household this will help when we are learning about target segments and promotion.
- Links to all resources used in previous lessons are located on the class notebook. The resources themselves
 are located in Sharepoint, organised by topic. Please encourage your daughter to use these as a revision
 resource.
- Encourage students to check MS Teams for homework/classwork that needs to be submitted.

Useful Resources

- https://www.bbc.co.uk/bitesize/examspecs/zvwb382
- https://www.tutor2u.net/business
- https://app.senecalearning.com/classroom/course/154d6ec0-32ac-11e8-84d9-f

Chemistry

Subject Content

Autumn Half Term 1	Autumn Half Term 2
Earth- students will learn about the formation of oil and	Reactions - students will be looking at rates of reactions
how people extract this to form useful products. They	and factors that can affect these rates. They will be
will learn the reactions of these products and their	looking at the collision theory to support their
environmental impacts.	understanding and conducting practical work to
	provide evidence for this.
	They will also learn how reactions can be reversible and
	how the conditions can be changed such as to favour a
	product or reactant in a reversible reaction.

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- Oak National Academy (thenational.academy) provides online lessons to support any students who
 may have missed content due to illness/self-isolating.

Citizenship

Subject Content

Autumn Half Term 1	Autumn Half Term 2
Theme C	Theme D Power and influence
How can we reduce crime?	 What power and influence can Citizens have? What role and influence should the media
 A citizen's responsibilities and rights 	have?
Theme E	
Taking Citizenship action	

How parents/carers can help

- If they are unable to attend school the resources are posted under the relevant date on teams on class notebook, they can email me or contact via teams if they need any help.
- Watch the news and discuss current affairs and how it links to Citizenship learning.
- Ask students what issue they are going to tackle in their Citizenship action coursework, why they have chosen this action and what they hope to achieve.

Useful Resources

- https://www.bbc.com/news for current affairs
- Knowledge organisers for each topic available on class notebook
- Edexcel (<u>www.pearson.com</u>) GCSE specification Citizenship Studies
- Citizenship lessons for Key Stage 4 students Oak National Academy (www.thenational.academy)
- Welcome to your UK Parliament Parliament UK Education

Classics

Subject Content

Autumn Half Term 1	Autumn Half Term 2
 Myth and religion: Journeying to the Underworld Myth and Religion – revision Roman City Life – revision of year 10 content 	 Roman City Life – revision of year 10 content Roman City life – literature

How parents/carers can help

Please encourage students to complete the work set and revisit work between lessons. Work set as an Assignment in Teams should be returned by the specified date for assessment and feedback.

If students are unable to access their lessons because they are self isolating the lesson PPTs and tasks can be found on Class Notebook.

Useful Resources

For all topics: textbook and resources on Teams

Myth & Religion:

- www.bloomsbury.com/cw/ocr-gcse-classical-civilisation/thematic-studies/
- www.bloomsbury.com/cw/ocr-gcse-classical-civilisation/thematic-studies/myth-and-religion/quizzes/
- www.ocr.org.uk/Images/405823-j199-11-prescribed-literary-sources-for-myth-and-religion.pdf
- www.ocr.org.uk/Images/405823-j199-11-prescribed-literary-sources-for-myth-and-religion.pdf

Roman City Life:

- www.bloomsbury.com/cw/OCR-GCSE-Classical-Civilisation/literature-culture/roman-city-life/cultureresources/
- www.bloomsbury.com/cw/OCR-GCSE-Classical-Civilisation/literature-culture/roman-city-life/quizzes

Computing

Subject Content

Autumn Half Term 1	Autumn Half Term 2
 Relational Databases and Structured Query Language (SQL). Input/output file handling & Arithmetic operations in a programming language Computer Systems - Hardware and software & Boolean logic 	 Algorithms - Trace tables & Random numbers Relational operations Data types

How parents/carers can help

If your child becomes stuck on a particular topic or lesson, please refer them to the support that can be found on MS Teams. This can help the student to be able to recap the learning objectives set and follow the work. You could also use any of the resources below. If you feel that they need more help and guidance, then please speak to your child's Computing teacher.

Useful Resources

- www.bbc.co.uk/bitesize/examspecs/zkwsjhv
- https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/computing
- www.w3schools.com/python/

Drama

Subject Content

Autumn Half Term 1	Autumn Half Term 2
Component one Performance.	Component 2 rehearsals.
Component 1 Portfolio.	 Component 3 set text study.
	 Theatre Visit in preparation for the written
	examination.

How parents/carers can help

Please encourage the pupils to learn their lines and attend extra-curricular rehearsals. Component 1 is worth 40% of the overall marks for this course. Please encourage them to have their draft portfolio completed and submitted by 15th October. There is a bank of scripts available to them in the library and the Drama Department. Please encourage them to use these as reading books as well as work resources.

Useful Resources

- https://www.bbc.co.uk/bitesize/subjects/zbckjxs
- https://edu.digitaltheatreplus.com/login?redirect=%2F

English

Subject Content

Autumn Half Term 1	Autumn Half Term 2
Power and Conflict Poetry Anthology	Macbeth
Study in preparation for GCSE English Literature Paper Two. Your child will have already studied some of the poems and will be completing their study of all 15 during this half term, as well as focusing on how to write detailed comparative essays about the poems.	Study in preparation for GCSE English Literature Paper One, focusing on essential understanding of the text and its social and historic background and the skills needed to write detailed analysis of the text.

How parents/carers can help

- If your child is stuck with her work, ask her to check Class Notebook on Teams for resources for the lessons.
- Encourage reading for pleasure: whilst they are no longer in Key Stage 3, reading for 20 minutes a day is incredibly impactful in supporting student progress.

Useful Resources

- Mr Bruff, an English teacher with a vast amount of videos on YouTube, has excellent content for each poem in the Anthology - Mr Bruff - YouTube
- Encourage your child to use online resources to support their study. Spark Notes have 'No Fear Shakespeare'
 which is particularly useful for 'translating' each scene of the text into Present Day English <u>Macbeth: Study</u>
 <u>Guide | SparkNotes</u>
- Cliff Notes contains a wide variety of resources to support your child in understanding the key ideas around Macbeth Macbeth: At a Glance | Study Guide | Test Prep | CliffsNotes

Food and Nutrition

Subject Content

Autumn Half Term 1	Autumn Half Term 2
• NEA 1	Introducing NEA2

How parents/carers can help

Take student shopping for food, identify where food comes from.

Discuss choices and reasons

Useful Resources

AQA website for Food and Nutrition GCSE

Text book issued through school

French

Autumn Half Term 1	Autumn Half Term 2
Foundation:	Foundation:
The environment	Social issues
Higher:	Higher:
Healthy living	Social issues

How parents/carers can help

- Check vocabulary/ grammar is learnt and encourage daughter to practice reading/ vocabulary aloud.
- Check homework is completed.
- Check presentation of work in exercise book/ folder.
- Encourage use of Kerboodle Online resources and resources listed below, including revision of vocabulary. Discourage use of Google Translator: it has become a real problem especially with remote learning.

Useful Resources

- Textbook: AQA textbook, Kerboodle online, AQA syllabus (available online), including vocabulary list
- Website: languagesonline.org.uk (free, no password required): particularly useful for grammar exercises Linguascope.com: to practise and help with vocabulary retention
- bbc bitesize
- Revision guide: provided to each student: to use with topics being studied
- Use of vocabulary App.

Geography

Subject Content

Autumn Half Term 2
Distinctive Landscapes
 River processes and landforms Upper Airedale case study Coastal processes and landforms Jurassic Coast case study UK in the 21st Century Relief and population distribution of the UK

How parents/carers can help.

- Go for a walk together as a family and spend time appreciating a coastal or river landscape such as Filey or Scarborough.
- Support your daughter by ensuring that she has a calculator and ruler for school.
- Discuss why so many people live in West Yorkshire. What factors make it a good place for people to live.

Useful Resources

- GCSE Geography textbook (all students have their own copy)
- https://www.field-studies-council.org/
- https://www.bbc.co.uk/bitesize/guides/zypb6fr/revision/1
- https://www.bbc.co.uk/bitesize/guides/z87sqty/revision/1
- https://www.bbc.co.uk/bitesize/guides/z8v8ycw/revision/1
- https://www.bbc.co.uk/bitesize/topics/zq3ptyc
- https://www.bbc.co.uk/bitesize/topics/zpkbv4j

History

Subject Content

Autumn Half Term 1	Autumn Half Term 2
Early Elizabethan England Weimar and Nazi Germany	Weimar and Nazi Germany

How parents/carers can help

Please encourage students to complete the work set and revisit work between lessons. Work set as an Assignment in Teams should be returned by the specified date for assessment and feedback.

If students are unable to access their lessons because they are self isolating the lesson PPTs and tasks can be found on Class Notebook.

Useful Resources

Early Elizabethan England:

www.bbc.co.uk/bitesize/guides/zyr6bk7/revision/1 www.bbc.co.uk/bitesize/guides/zg68tyc/revision/1 www.bbc.co.uk/bitesize/guides/zqcn4j6/revision/1

Weimar and Nazi Germany:

www.bbc.co.uk/bitesize/guides/zsvhk7h/revision/1 www.bbc.co.uk/bitesize/guides/z3bp82p/revision/1

Edexcel GCSE: Weimar and Nazi Germany 1918-1939 | History | tutor2u

For all topics: textbooks, revision booklets, resources on Teams

Latin

Subject Content

Autumn Half Term 1	Autumn Half Term 2
 Latin grammar: revision Roman Civilisation: revision Introduction to Latin Literature 	 Latin literature: Horace, Martial, Ovid, Petronius, Pliny, Suetonius, Virgil

How parents/carers can help

Please encourage students to complete the work set and revisit work between lessons. Work set as an Assignment in Teams should be returned by the specified date for assessment and feedback.

If students are unable to access their lessons because they are self isolating the lesson PPTs and tasks can be found on Class Notebook.

Useful Resources

Latin Grammar:

www.clc.cambridgescp.com/books/book-i www.clc.cambridgescp.com/books/book-ii www.clc.cambridgescp.com/books/book-iii www.clc.cambridgescp.com/books/book-iv www.exams.cambridgescp.com/files/cscp/wjec18vocab/index.html

Roman Civilisation:

www.bloomsbury.com/cw/OCR-GCSE-Classical-Civilisation/literature-culture/roman-city-life/culture-resources/

www.bloomsbury.com/cw/OCR-GCSE-Classical-Civilisation/literature-culture/roman-city-life/quizzes/

Latin Literature:

Resources for each Latin text available on Teams

www.poetryintranslation.com

Maths

Subject Content

Autumn Half Term 1	Autumn Half Term 2
 Gradients and lines - finding equations of straight-line graphs. Non-linear graphs - quadratic graphs, cubic graphs, reciprocal and exponential graphs. Using graphs - conversion graphs, real-life graphs, speed/distance/time graphs, piece-wise graphs etc. 	 Expanding and factorising – brackets, quadratic expressions etc. Changing the subject - solving equations, rearranging formulas. Functions - function notation, composite functions, inverse functions etc

How parents/carers can help

If your child becomes stuck on a particular part of the lesson, please refer them to the video's that can be found on MS Teams. This can help the student to be able to recap the learning objectives set and follow the work. Being able to visually see the problem can help the students with the questions. Revision support for Mathematics will be given throughout the year.

Useful Resources

- https://whiterosemaths.com/for-parents/ this will provide more information about the schemes of learning and can offer advice on the new techniques.
- <u>www.mathsgenie.co.uk/</u> this has useful videos, exam questions and past papers.
- www.corbettmaths.com/ this has useful videos, worksheets and exam questions.
- https://hegartymaths.com/ your child has access to this, and this is where homework is set for maths. This is also useful as they can use it to see other videos to help them with their work.

Music

Subject Content

Autumn Half Term 1	Autumn Half Term 2
 Listening and Appraising (Component 3): Music for Stage and Screen analysis of set works 	 Listening and Appraising (Component 3): Fusions analysis of set works
 Solo performance practice 	 Solo performance practice
Free composition	Free composition

How parents/carers can help

- Encourage instrumental practice at home 15-20 minutes per day is the suggested amount of time
- Revise definitions of key vocabulary and concepts from the two musical genres
- Encourage participation in instrumental music lessons (in school or externally)

Useful Resources

Exam Spec: https://qualifications.pearson.com/en/qualifications/edexcel-gcses/music-2016.html

BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/z6chkmn

Useful information and support: https://manwaringmusic.blog/category/gcse/

Physical Education

Subject Content

Autumn Half Term 1	Autumn Half Term 2
GCSE PE – Practical lessons in assessed sports including netball, football, swimming and athletics. Theory lessons will include coursework preparation.	GCSE PE – Practical lessons in assessed sports including netball, football, swimming and athletics. Theory lessons will be completing coursework.
Core PE – A combination of swimming, fitness, invasion games, and net & wall based activities.	Core PE – A combination of swimming, fitness, invasion games, and net & wall based activities.

How parents/carers can help

GCSE PE - Encourage your daughter to use the variety of revision resources provided to maintain and develop their understanding of the broad spectrum of GCSE PE topics, in preparation for their final assessments in 2022. Encourage regular attendance at extra-curricular sports clubs specific to their chosen assessment areas.

Core PE - Encourage your daughters to attend extra-curricular sports clubs regularly, and/ or to spend time each day outside of school being physically active.

Useful Resources

GCSE PE -

- OCR GCSE PE Revision Guide
- BBC Bitesize OCR GCSE PE
- MS Teams Revision Resources Bank (all GCSE PE students have access to this)

Core PE - All students will have access to a bank of ideas and resources through MS Teams and SharePoint. Other useful resources for physical activity ideas can be found here:

- Youth Sport Trust Website
- YouTube PE with Joe
- Change4life Website

Physics

Subject Content

In year 11, the students in set 1 are studying the separate science pathway and all other sets are studying the combined science pathway.

Autumn Half Term 1	Autumn Half Term 2
Separate Physics	Separate Physics
Forces in balance - Students will learn to deal	Electromagnetism - Students will begin to study
with forces as vectors and be introduced to	magnetic fields, the effect of electric currents
using basic mechanics to resolve forces (HT	

- only) Students will learn about centre of mass, forces between objects and resultant forces.
- **Light** how light behaves when interacting with lenses, laws of reflection and refraction.

Combined science

 Forces in balance - Students will learn to deal with forces as vectors and be introduced to using basic mechanics to resolve forces (HT only) Students will learn about centre of mass, forces between objects and resultant forces. on magnetic fields and vice versa, and the motor effect, generator effect.

Combined science

 Forces in motion - Students will study Newton's second law and how to demonstrate its effects through a required practical. They will be able to describe the motion of a skydiver in terms of forces acting, acceleration and terminal velocity. They will study stopping distance and what factors can affect it. They will study momentum and be able to calculate the velocity of moving objects given their momenta and mass.

How parents/carers can help.

- Encourage your daughter(s) to regularly revisit her classwork between lessons. This will help consolidate their learning and allow the content to be fresh in their minds ready to be built upon in the next lesson.
- Check if homework has been set and support your daughter(s) in being organised and meeting deadlines.
- Be aware of the useful resources listed below so should your daughter(s) require additional support with their learning, you know where this can be accessed outside of lessons.
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- Oak National Academy (thenational.academy) provides online lessons to support any students who
 may have missed content due to illness/self-isolating.
- Phet Simulations

Religious Studies

Subject Content

Autumn Half Term 1	Autumn Half Term 2
Christian practices	Christian practices
 Worship: Liturgical and non-liturgical Prayer Sacraments: Baptism and Eucharist Pilgrimage: Lourdes and Iona Celebrating festivals: Christmas and Easter. 	 The role of the Church in the local Community - Food banks and Street pastors Missions and Evangelism Church Growth The importance of the World-wide church Christian Persecution The Church's response to world poverty.

How parents/carers can help

• Encourage students to complete the work set and revisit work between lessons. Work set as an Assignment in Teams should be returned by the specified date for assessment and feedback.

• If students are unable to access their lessons because they are self-isolating the lesson PPTs and tasks can be found on Class Notebook.

Useful Resources

- All Students have their own copy of the textbooks.
- All students have access to <u>www.kerboodle.com</u> where they can find learning resources and revision activities to support their learning.
- Oak National Academy (thenational.academy) provides online lessons to support students.
- https://www.bbc.co.uk/bitesize/subjects/zb48q6f

Spanish

Subject Content

Autumn Half Term 1	Autumn Half Term 2
SET 1:	SET 1: Theme 3:
Unit 6.2: Charity and Voluntary work	Unit 9: My studies
Unit 7.2: Global issues (poverty and homelessness)	Unit 10: Life at school and college
SET 2:	SET 2:
Unit 7 (environmental issues)	Unit 7 (global issues)
Unit 6 (healthy living)	Unit 6 (charity and voluntary work)

How parents/carers can help

Please encourage your daughters to attend all their live lessons and complete the work set. Work set as an Assignment in Teams should be returned by the specified date for assessment and feedback. If students are unable to access their live lessons because they are sharing a devise, the lesson and tasks can be found on **Class Notebook**.

- Check that vocabulary/ grammar is learnt regularly
- Check that any homework is completed
- Encourage daughter to read their Spanish work aloud and to practise vocabulary aloud.

Useful Resources

(In addition to textbook provided)

- www.kerboodle.com goes with our textbook, has great additional resources and revision exercises to do.
- www.wordreference.com/ online bilingual dictionary
- www.linguascope.com/ very helpful with vocabulary acquisition and retention
- www.bbc.co.uk/bitesize/examspecs/z4yyjhv to practise and revise Units 5-7, 8 following AQA specification

Textiles

Subject Content

Autumn Half Term 1	Autumn Half Term 2
Component 1	Component 1
 Under the Microscope Design Brief Designing from Cell research Digital experimentation Gelli Plate printmaking on fabric and paper Making own stencils and experimentation Etching process and sewing machine embellishment 	 Free machine embroidery and dyes Hand stitching and petri dishes Exploring with mixed fibre arts Own personal responses towards an outcome In a Textiles medium

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One A3 sketchbook is provided within a plastic portfolio for every GCSE Art student at the beginning of the course. It is your daughter's responsibility to keep this work safe. When transporting between home and school it should be left within the art department in individual art drawers in preparation for their lesson before morning registration.

A square format sketchbook will be handed to all students at the end of the Autumn Term in preparation for the ESA (Externally Set Exam) which comes from the AQA board in January of the examination year.

Art students are provided with basic art equipment and can also borrow materials from the department for a set period. A set of coloured pencils was provided to every student at the beginning of Yr10.

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- www.bbc.co.uk/bitesize/subjects/z6f3cdm
- www.studentartguide.com
- Pinterest