



Year 10 Home Learning Guide for Parents

Summer Term 2023

Our teachers continue to work hard to identify any remaining gaps in knowledge stemming from the coronavirus pandemic and adapt their curricula to fill them.

This booklet provides information about what your daughter will be learning this term in each of her subjects. It also gives some guidance on 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

Summer Half Term 1	Summer Half Term 2
 Wrapped, Tied and Twisted brief Observational drawing- knotted piece of fabric in pencil tone Observational drawing and photography- mixed media wrapped up cup and saucer/mug tied with string Knotted piece of rope- fine line drawing and oil pastel close up Jeanne-Claude and Christo research pageanalysis, bio etc 	 Jeanne-Claude and Christo artist copy in medium of choice Student choice- wrapped still life object with leads/cables or human form- medium of choice large scale- primary or secondary sources Term 2 photography work to be completed.

How parents/carers can help

Each week students should attend the live session where the teacher presents a powerpoint which states the learning objectives and the class tasks. Teacher demonstrations may take place and videos watched during the sessions.

Within Class Notebook, both the class task, learning objectives and the lesson powerpoint can be accessed through clicking on the link if students are unable to attend school.

Useful Resources

Students should email their teacher if they require any resources to be printed out if this is necessary to present work within the sketchbook or develop ideas from. Links to useful videos to watch or tutorials are always embedded into powerpoints where appropriate.

- www.studentartguide.com
- Jeanne Claude and Christo https://www.youtube.com/watch?v=RRociWDvyB0
- Jeanne Claude and Christo https://www.youtube.com/watch?v=xhJvxkuwJXI

Biology

Subject Content

In year 10, 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.

Summer Half Term 1	Summer Half Term 2
Homeostasis and response:	Ecology:

- Control systems
- Homeostasis
- Endocrine system: glands and hormones
- Glucoregulation and diabetes
- Thermoregulation
- The menstrual cycle
- The nervous system- neurones
- The brain (separates only)
- The eye (separates only)
- Reflexes and reaction time

- Ecosystems: habitats and communities
- Studying ecosystems
- Interdependence: food chains and webs
- Energy flow within ecosystems (pyramids of biomass)
- Sampling techniques

How parents/carers can help

- Encourage your daughter to read through the lesson content and instructions on class notebook prior to the lesson so she is familiar with what she will be learning.
- Promote resilience with problem solving by suggesting she uses the resources listed below to help her with any challenging tasks in the first instance.
- Ask her regularly to explain to you what she has been learning. This extra recall activity will help to strengthen her subject knowledge and understanding and will help her to make links between new and previous topic areas.

Useful Resources

- Doddle learn website (www.doddlelearn.co.uk)
- Oak national academy online lessons and resources (<u>www.thenational.academy</u>)
- Kerboodle online resources-AQA GCSE Sciences 9-1 (<u>www.kerboodle.com</u>)
- BBC bitesize (GCSE Combined Science AQA Trilogy) or (GCSE Biology (Single Science) AQA BBC Bitesize)
- <u>www.freesciencelessons.com</u> The very best in science education

Business

Subject Content

Summer Half Term 1	Summer Half Term 2
 Revision Unit 1 & 3 Unit 2 Technology & Business Unit 4 Human Resources 	Unit 4 Human Resources

How parents/carers can help

- Each week students should attend live lessons and complete all work set by the teacher.
- Students should check Class Notebook on Teams for resources for the lessons.
- All resources used in the lessons are also placed on SharePoint, split by topics.
- Encourage students to check Team's assignments for homework/classwork that needs to be submit.

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-f7b314e82c3a

Chemistry

Subject Content

Summer Half Term 1	Summer Half Term 2
Chemical changes:	Chemical changes:
 Reaction of metals with acids 	 Electrolysis of molten ionic compounds
 Neutralisation of acids and salt production 	 Using electrolysis to extract metals
Soluble salts	 Electrolysis of aqueous compounds
 The pH scale and neutralisation 	

 Strong and weak acids (HT only) 	Chemical analysis: (Separate Chemistry only)
	 Testing for gases (Separate Chemistry only)
	 Testing for anions (Separate Chemistry only)
	 Testing for halogens (Separate Chemistry only)

How parents/carers can help

- Encourage students to actively participate in the two live teach lessons per week and to complete the tasks that they contain. Encourage students to return the work set as Assignments in Teams by the specified date.
- If students have difficulties encourage them to use the resources below.

Useful Resources

- <u>www.kerboodle.com/users/login</u> Contains a digital textbook, quizzes and resources.
- <u>www.doddlelearn.co.uk/app/login?</u> Contain PowerPoint presentations, animations and quizzes
- <u>www.freesciencelessons.co.uk/</u> Contains videos on each topic
- https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/chemistry
 - Contains lessons on each topic.

Citizenship

Subject Content

Summer Half Term 1	Summer Half Term 2
 Theme C - How the law works What is the point of the law? Civil and criminal law Who puts the law into practice? Courts and alternatives to court to solve disputes Sentencing 	 Young people and the justice system What is happening to crime? How can we reduce crime? A citizen's responsibilities and rights

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.

Useful Resources

- https://www.bbc.com/news for current affairs
- Knowledge organisers for each topic available on class notebook
- Edexcel GCSE and GCE 2014 (www.pearson.com) GCSE specification
- <u>Citizenship lessons for Key Stage 4 students Oak National Academy (www.thenational.academy)</u>
- Welcome to your UK Parliament Parliament UK Education

Computing

Subject Content

Summer Half Term 1	Summer Half Term 2
ProgrammingCyber Security	 Programming Cyber Security Legal, Ethical and Environmental Consideration

How parents/carers can help

- Each week students should attend live lessons and complete all work set by the teacher.
- Students should check Class Notebook on Teams for resources for the lessons.
- All resources used in the lessons are also placed on SharePoint, split by lessons.
- Encourage students to practice skills learnt in lessons using Python.

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

Summer Half Term 1	Summer Half Term 2
Component 1: Finalising the script and rehearsals	Component 1: Production and filming
Component 3: Twelfth Night	Component 3: Twelfth Night

How parents/carers can help

Encourage a discussion surrounding the devised theatre performance. This is a complex script that the pupils have created themselves. They are writing a 2000-word portfolio about this alongside their performance work. Please encourage them to make notes on rehearsals so that they can use them as a reference when writing this document. This performance and portfolio will be counted towards their GCSE mark and is formally assessed.

We will be also studying the set text which is Twelfth Night by William Shakespeare. This is from a performance point of view and therefore it is important that our pupils watch the performance using Digital Theatre Plus. I would encourage them to watch as much theatre as possible using the online digital platforms. The students have login details for these.

Useful Resources

- www.digitaltheatreplus.com
- www.dramaonlinelibrary.com/custom-browse?docid=nationalTheatreCollection

English

Subject Content

Summer Half Term 1	Summer Half Term 2
 English language Paper 1 Explorations in	 English language Paper 1 Explorations in
Creative Reading and Writing English Literature Anthology Poetry	Creative Reading and Writing English Literature Anthology Poetry

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: the expectation is that students read for 20 minute every day.

Useful Resources

- Every student can log into Century Tech https://www.century.tech/ using their Office 365 school login.
 There are resources to help improve writing skills as well as units on Unseen Poetry
- Oak Academy have several lessons on the Anthology Poetry https://classroom.thenational.academy/units/aqa-power-and-conflict-poetry-c8d1

Food and Nutrition

Subject Content

Summer Half Term 1	Summer Half Term 2
Working through a practice for NEA2	Evaluating NEA2

How parents/carers can help

Encouraging students to complete practical tasks and assist in the evaluation process.

Useful Resources

- www.nutrition.org.uk/healthyliving/healthydiet.html?gclid=EAlalQobChMlqILW7 nS7gIV0oBQBh2ldwDTEAA YASAAEgKL4vD BwE
- Textbooks and resources on Teams

French

Subject Content

Summer Half Term 1	Summer Half Term 2
 Holidays: to be able to describe, holidays in the 3 tenses 	 Social issues: to learn about the work about charities, social problems in towns, voluntary work

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 others 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
- Revision guide: provided to each student: to use with topics being studied
- Use of vocabulary App.

Geography

Subject Content

Summer Half Term 1	Summer Half Term 2
Distinctive landscapes	Dynamic development
What is a landscape?	Defining development
The geology of the UK	Measuring development
 Upland and lowland areas of the UK 	 How does uneven development happen?
 Weathering & mass movement 	

Processes of erosion, transport & deposition	Case study – Zambia
River landforms	 How have they developed
	Their reliance on copper
	Aid and debt
	Top down and bottom up development

How parents/carers can help.

- Take your daughter for a walk in a local landscape such as Shipley Glen, Bolton Abbey estate or Malham. Take photos and draw a sketch of the landscape to help appreciate its beauty.
- Watch a documentary together about the Arctic or Antarctic. For example: Frozen planet https://www.bbc.co.uk/programmes/b00mfl7n

Useful Resources

- https://www.bbc.co.uk/iplayer/episode/b0074t1d/planet-earth-6-ice-worlds
- https://www.bbc.co.uk/bitesize/topics/z8sx2p3
- https://www.bbc.co.uk/bitesize/topics/zq3ptyc
- https://www.yorkshiredales.org.uk/

History

Subject Content

Summer Half Term 1	Summer Half Term 2
 Weimar and Nazi Germany, 1918-1939 The Weimar Republic, 1918-1929 The origins of the Republic 1918-1919 Early challenges to the Republic 1919-1923 The recovery of the Republic 1924-1929 Changes to society, 1924-1929. 	Weimar and Nazi Germany, 1918-1939 Nazi control and dictatorship, 1933-1939 The creation of a dictatorship. 1933-1934 The Police State Controlling and influencing attitudes Opposition, resistance and conformity
 Hitler's rise to power, 1919-1933 Early developments of the Nazi Party, 1920- The Munich Putsch and lean years, 1923-1929 Growth in Nazi Support, 1929-1932 How Hitler became Chancellor, 1932-1933 	 Life in Naxi Germany, 1933-1939 Nazi policies towards women Nazi policies towards to young Employment and living standards The persecution of the minorities

How parents/carers can help

Please encourage your daughter to complete the work set and revisit work between lessons.

Please check homework as this will often involve revision and recall and will be revisited regularly in class.

Work set on Class Charts should be returned by the specified date for assessment and feedback.

BBC bitesize provides an excellent summary and includes progress checks – encourage your daughter to take advantage of this resource.

Useful Resources

https://www.bbc.co.uk/bitesize/guides/zxj4hv4/revision/1

The Weimar Republic:

https://www.bbc.co.uk/bitesize/guides/z9y64j6/revision/1

https://www.bbc.co.uk/bitesize/topics/zymgwxs

https://www.bbc.co.uk/bitesize/guides/z9y64j6/test

Hitler's Rise to Power:

https://www.bbc.co.uk/bitesize/guides/z3bp82p/revision/1https://www.bbc.co.uk/bitesize/guides/z3bp82p/test

Nazi control and dictatorship:

https://www.bbc.co.uk/bitesize/guides/zsvhk7h/revision/1 https://www.bbc.co.uk/bitesize/guides/zsvhk7h/test

Life in Nazi Germany:

https://www.bbc.co.uk/bitesize/guides/zqrfj6f/revision/1

https://learndojo.org/gcse/edexcel-history/nazi-control-dictatorship-1933-39/

Maths

Subject Content

Summer Half Term 1	Summer Half Term 2
 Collecting, representing and interpreting data different types of samples, frequency tables, frequency polygons, two-way tables, line and bar charts, pie charts, histograms, averages from a list and tables, time series graphs, stemand-leaf diagrams, cumulative frequency, box plots and scatter diagrams. 	 Non-calculator methods - fractions, surds, rounding and bounds. Types of number and sequences - HCF and LCM, primes, factors, multiples, linear and quadratic sequences. Indices and roots - laws of indices and standard form.

How parents/carers can help

If your child becomes stuck on a particular part of the lesson/worksheet, please refer them to the video's that can be found on Class Notebook. This can help the student to be able to recap the learning objectives set and follow the worksheet. Sometimes being able to see the problem can help too with students.

Useful Resources

- https://whiterosemaths.com/resources/secondary-resources/ this helps with the knowing the Schemes of learning and can offer advice on the new techniques.
- <u>www.mathsgenie.co.uk/</u> has useful videos, exam questions and past papers
- https://corbettmaths.com/ has useful videos, worksheets, exam questions
- https://hegartymaths.com/ has videos and quizzes

Music

Subject Content

Summer Half Term 1	Summer Half Term 2
Component 3: Listening and Appraisal - Beethoven	Component 3: Listening and Appraisal
Component 1: Performance	Component 1: Performance
Component 2: Free Composition	Component 2: Free Composition

How parents/carers can help

- Support with learning subject specific vocabulary.
- Listen to students practicing for their solo performance and encourage them. Help with (Audio) recording performances.

Useful Resources

- www.bbc.co.uk/bitesize/examspecs/z6chkmn
- GCSE anthology/study guides

Physical Education

Subject Content

Summer Half Term 1	Summer Half Term 2
GCSE PE – Practical lessons in assessed sports including swimming and athletics. Theory lessons in principles and methods of training, along with revision lessons in preparation for mock assessments	GCSE PE – Practical lessons in assessed sports including swimming and athletics. Theory lessons commencing coursework activities.
Core PE – A combination of striking and fielding activities and athletics	Core PE – A combination of striking and fielding activities and athletics

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 mock assessments in June.

Core PE – Encourage your daughters to spend time each day being physically active, whether that be through using the variety of resources provided by the PE team via MS Teams, or completing other physical activity at home with the family.

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 10, students in set 1 study the separate science pathway, all other sets study the combined science pathway.

Summer Half Term 1	Summer Half Term 2
Separate Physics and combined	Separate Physics and combined
 Specific heat capacity 	 Energy stores
 Insulation 	• Work
 Infrared radiation (separates only) 	• GPE
 Internal energy 	• KE
Gas pressure	 Forces and braking (separates only)

How parents/carers can help.

- Encourage your daughter to read through the lesson content and instructions on class notebook prior to the lesson so she is familiar with what she will be learning.
- Promote resilience with problem solving by suggesting she uses the resources listed below to help her with any challenging tasks in the first instance.

• Regularly ask her to explain what she has been learning. This extra recall activity will help to strengthen her subject knowledge and understanding and will help to make links between new and previous topic areas.

Useful Resources

- Doddle learn website (<u>www.doddlelearn.co.uk</u>)
- Oak national academy online lessons and resources (<u>www.thenational.academy</u>)
- Kerboodle online resources-AQA GCSE Sciences 9-1 (www.kerboodle.com)
- BBC bitesize (GCSE Combined Science AQA Trilogy) or (GCSE Biology (Single Science) AQA BBC Bitesize)
- <u>www.freesciencelessons.com</u> The very best in science education

Religious Studies

Subject Content

Summer Half Term 1	Summer Half Term 2
Muslim beliefs and Teachings continued:	Religion and Life:
Holy Books	 Religious responses to environmental issues
 Predestination 	 Religious responses to the treatment of
 Beliefs about the Afterlife (Akhirah): 	animals.
	 Abortion
Religion and Life:	 Euthanasia
 Origins of the universe 	
Origins of human life	

How parents/carers can help

- Please encourage your daughter to complete the work set and revisit work between lessons.
- Please check homework on Class Charts. This will usually involve consolidation and revision of work completed in class, and the application of learning to sample examination questions.

Useful Resources

- All students have online access to the GCSE textbook via Kerboodle.
- Sample questions and model answers are available on SharePoint
- The Oak National Academy:
 Religion and life https://classroom.thenational.academy/units/islamic-beliefs-and-teachings-aea9
- BBC GCSE Bitesize <u>www.bbc.co.uk/bitesize</u>

Spanish

Subject Content

Summer Half Term 1	Summer Half Term 2
SET 1: Healthy Living and Lifestyle	SET 1: Revision, Assessments and Consolidation
SET 2: Travel and Tourism	SET 2: Revision, Assessments and Consolidation

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)

- <u>www.kerboodle.com</u> 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

Summer Half Term 1	Summer Half Term 2
Component 1 project: Close up- Developing	Component 1 project:
Embellishment and Embroidery Skills	Janet Edmonds artist research and analysis
 Gillian Travis artist research and analysis 	Fabric manipulation
Batik and tie dye skills	Fabric decoration
Applique skills	

How parents/carers can help

- Each week students should attend the live session where the teacher presents a powerpoint which states the learning objectives and the class tasks. Teacher demonstrations may take place and videos watched during the sessions.
- Within Class Notebook, both the class task, learning objectives and the lesson powerpoint can be accessed through clicking on the link if students are unable to attend school.
- Promote resilience with problem solving by suggesting she uses the resources listed below to help her with any challenging tasks in the first instance and re-reading the PowerPoint instructions and look at the examples on the slides.

Useful Resources

- Students should email their teacher if they require any resources to be printed out if this is necessary to present work within the sketchbook or develop ideas from. Links to useful videos to watch or tutorials are always embedded into PowerPoints where appropriate.
- Pupils are encouraged to research further by watching videos made by or of the artist.
- Art techniques such as drawing: https://www.bbc.co.uk/bitesize/subjects/z6f3cdm
- Oak national academy online lessons and resources www.thenational.academy

To work like an Artist / Designer your daughter would benefit from the use of apps like:

- Pinterest to gather inspirational images and ideas for their Art Textiles course
- Microsoft Office Lens to take clear professional images of their work-linked to OneDrive.
- **PicCollage** quick way to gather images from photo gallery and prepare to email and print.
- Facebook and Instagram (used safely and responsibly) to follow artists as they share up to date
 work including videos and workshops.