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**BRADFORD GIRLS'  
GRAMMAR SCHOOL**

*Co-educational up to 11, Girls only 11-16*

# Year 9 Home Learning Guide for Parents

## Summer Term 2023

### Introduction

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

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](mailto:rhowarth@bggs.com)

## Art

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"> <li>• Day of the Dead</li> <li>• Note taking sheet- literacy</li> <li>• Skull drawing</li> <li>• Mixed media- silk painting/coloured inks/Card relief</li> </ul>	<ul style="list-style-type: none"> <li>• Mixed media- silk painting/coloured inks/Card relief</li> </ul>

### 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 session.
- Within Class Notebook, both the task and the powerpoint can be accessed through clicking on the link if students are unable to attend school.

### Useful Resources

- Links to useful videos to watch or tutorials are always embedded into powerpoints where appropriate.
- [www.bbc.co.uk/bitesize/subjects/z6f3cdm](http://www.bbc.co.uk/bitesize/subjects/z6f3cdm)
- Students should take full responsibility for their sketchbook and sign out any art materials they need to complete prep tasks. They all have a set of coloured pencils

## Biology

### Subject Content

Summer Half Term 1	Summer Half Term 2
<p>Health and lifestyle:</p> <ul style="list-style-type: none"> <li>• Non-communicable disease</li> <li>• Risk factors</li> <li>• Cancer</li> </ul> <p>Cell division:</p> <ul style="list-style-type: none"> <li>• Cell cycle</li> <li>• Mitosis</li> <li>• Chromosomes</li> <li>• Stem cells</li> </ul>	<p>Ecology:</p> <ul style="list-style-type: none"> <li>• Ecosystems: habitats and communities</li> <li>• Studying ecosystems</li> <li>• Interdependence: food chains and webs</li> <li>• Energy flow within ecosystems (pyramids of biomass)</li> <li>• Sampling techniques</li> </ul>

### 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

- Doodle learn website ([www.doodlelearn.co.uk](http://www.doodlelearn.co.uk))
- Oak national academy online lessons and resources ([www.thenational.academy](http://www.thenational.academy))
- Kerboodle online resources-AQA GCSE Sciences 9-1 ([www.kerboodle.com](http://www.kerboodle.com))
- BBC bitesize ([GCSE Combined Science - AQA Trilogy - BBC Bitesize](#))
- [www.freesciencelessons.com](http://www.freesciencelessons.com) [The very best in science education](#)

## Chemistry

### Subject Content

Summer Half Term 1	Summer Half Term 2
<b>Earth and atmosphere:</b> <ul style="list-style-type: none"> <li>• Finite and renewable resources</li> <li>• Potable water</li> <li>• Wastewater</li> </ul>	<b>Analysis:</b> <ul style="list-style-type: none"> <li>• Pure and impure substances</li> <li>• Testing for gases</li> <li>• Chromatography</li> </ul>

### 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 for.
- If students have difficulties encourage them to use the resources below.

### Useful Resources

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

## Computing

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"> <li>• Cyber Security</li> </ul>	<ul style="list-style-type: none"> <li>• Impact of Technology</li> </ul>

### 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

[Safety and responsibility - KS3 Computer Science - BBC Bitesize](#)

## Drama

## Subject Content

Summer Half Term 1	Summer Half Term 2
<p>Pupils will have a choice of the following:</p> <ul style="list-style-type: none"><li>• Performance Pathway: To complete a performance directed by the teacher.</li><li>• Design Pathway: To complete a project about set and costume design for the theatre.</li></ul>	<ul style="list-style-type: none"><li>• Pupils on the Performance Pathway will rehearse, and the performance will be filmed for assessment purposes.</li><li>• Pupils on the Design Pathway will create a presentation of their designs and present them to the class.</li></ul>

### How parents/carers can help

Please encourage them to research their chosen production if they are on the Design Pathway and discuss it with them. If pupils are on the Performance Pathway, please encourage them to learn their lines and rehearse at home.

### Useful Resources

[www.digitaltheatreplus.com](http://www.digitaltheatreplus.com)

- <https://www.youtube.com/watch?v=VjnKwTAmSNs>
- <https://www.youtube.com/watch?v=PB-9LERSyY8>
- <https://www.youtube.com/watch?v=E0o2PEewTu8>
- <https://www.youtube.com/watch?v=IMFxl6VnFE>

## English

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"><li>• Hamlet by Shakespeare</li><li>• Introduction to Shakespeare; language analysis and understanding of the features of revenge tragedy</li></ul>	<ul style="list-style-type: none"><li>• An Inspector Calls by J B Priestley (GCSE text)</li><li>• Introduction to context, language analysis, stagecraft and themes</li></ul>

### 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

- Explore the Royal Shakespeare Company's resources on Hamlet <https://www.rsc.org.uk/shakespeare-learning-zone/hamlet>
- Oak Academy Lessons on An Inspector Calls: <https://classroom.thenational.academy/units/an-inspector-calls-923e>

## Food and Nutrition

### Subject Content

Summer Half Term 1	Summer Half Term 2
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<ul style="list-style-type: none"> <li>Continuing to practice organisational and practical skills</li> <li>British and International cuisines</li> </ul>	<ul style="list-style-type: none"> <li>Continuing to develop practical skills</li> <li>Sensory testing</li> <li>Food styling and presentation</li> </ul>
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### How parents/carers can help

- Encouraging students to join in with shopping for food and to identify where their food comes from.
- Also involving students in preparation and production of meals.
- Ensure students complete homework tasks set on class charts to develop subject knowledge

### Useful Resources

[www.nutrition.org.uk/](http://www.nutrition.org.uk/)    [www.bbc.co.uk/food](http://www.bbc.co.uk/food)    [www.foodafactoflife.org.uk](http://www.foodafactoflife.org.uk)

## French

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"> <li>Hobbies</li> <li>Perfect tense</li> </ul>	<ul style="list-style-type: none"> <li>Festivals: festivals and celebrations in French speaking countries</li> </ul>

### How parents/carers can help

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

### Useful Resources

- Textbook: AQA textbook
- Kerboodle online and AQA syllabus (available online), including vocabulary list
- [www.languagesonline.org.uk](http://www.languagesonline.org.uk) (free, no password required): particularly useful for grammar exercises
- [www.linguascope.com](http://www.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.
- Revision guide: provided to each student: to use topics being studied.

## Geography

### Subject Content

Summer Half Term 1	Summer Half Term 2
Middle East <ul style="list-style-type: none"> <li>Physical geography of the Middle East</li> <li>Climate of the Middle East</li> <li>Development of the Middle East and Yemen</li> <li>Tourism in the Middle East</li> <li>Palm islands and coastal management</li> <li>Qatar world cup and human rights</li> </ul>	Climate change <ul style="list-style-type: none"> <li>What is climate change</li> <li>Natural and Human causes of climate change</li> <li>The impacts of climate change</li> <li>Adaptation of climate change</li> <li>Mitigation of climate change</li> </ul>

### How parents/carers can help

- Discuss conflict and why this is happening in the Middle East
- Discuss differences in development. Compare local areas and locations in other countries.
- Watch documentaries on climate change [BBC iPlayer - Climate Change - The Facts](#)

## Useful Resources

- Climate change - [Climate change - KS3 Geography - BBC Bitesize - BBC Bitesize](#)
- Development: <https://www.bbc.co.uk/bitesize/topics/zyj4rdm>
- <https://www.gapminder.org/> for development.

## History

### Subject Content

Summer Half Term 1	Summer Half Term 2
<p><b>Key theme – Empire</b></p> <p><b>Why did the British Empire decline?</b></p> <ul style="list-style-type: none"> <li>• Gandhi &amp; Indian independence</li> <li>• Independence of other key countries e.g., Hong Kong</li> <li>• The Windrush generation and post war immigration.</li> </ul>	<p><b>Key theme – Power and Protest</b></p> <p><b>To what extent was post-war USA the age of rebellion?</b></p> <ul style="list-style-type: none"> <li>• Segregation in the USA</li> <li>• Martin Luther King and the Civil Rights Movement</li> <li>• Other protests: Women’ Lib, Vietnam, counterculture</li> </ul>

### 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.

## Useful Resources

Decline of Empire:

- <https://www.bbc.co.uk/bitesize/topics/z7kvf82>
- <https://www.bbc.co.uk/bitesize/topics/z7kvf82/articles/zx8sf82>
- <https://www.bbc.co.uk/bitesize/guides/zyh9ycw/revision/4>

The Age of Rebellion:

- <https://www.bbc.co.uk/bitesize/topics/zgb39j6>
- <https://www.bbc.co.uk/bitesize/topics/zgb39j6/articles/zq9hp4j>
- <https://www.bbc.co.uk/bitesize/guides/z89hg82/revision/7>

## Maths

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"> <li>• Enlargement and similarity</li> <li>• Solve ratio and proportion problems – direct and inverse proportions, best buy problems and conversion graphs</li> </ul>	<ul style="list-style-type: none"> <li>• Probability</li> <li>• Algebraic representation – drawing quadratic graphs, simultaneous equations and inequalities</li> </ul>

- Rates – speed, distance and time. Density, mass and volume

### 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.
- <https://www.bbc.co.uk/bitesize/subjects/zqhs34j> - can show different methods that are acceptable.
- <https://hegartymaths.com/> - has videos and quizzes

## Music

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"> <li>• Responding to a Brief – students will work in pairs to create a research portfolio about their chosen style of music. They will find examples of their chosen style and analyse them. They will also create a short musical product by performing, composing or sequencing music.</li> </ul>	<ul style="list-style-type: none"> <li>• Responding to a Brief – students will work in pairs to create a research portfolio about their chosen style of music. They will find examples of their chosen style and analyse them. They will also create a short musical product by performing, composing or sequencing music.</li> <li>•</li> </ul>

### How parents/carers can help

- Help with technical issues e.g. assist with using YuStudio at home
- Help with researching different artists from the chosen styles and listening to a range of songs

### Useful Resources

- The Oak National Academy: <https://teachers.thenational.academy/subjects/music>
- KS3 Music BBC Bitesize: <https://www.bbc.co.uk/bitesize/subjects/z9xhfg8>
- Charanga: [www.bradfordmusiconline.co.uk/yumu](http://www.bradfordmusiconline.co.uk/yumu)

## Physical Education

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"> <li>• Striking and fielding activities in games lessons</li> <li>• Outdoor and Adventurous Activities, athletics <u>OR</u> swimming</li> </ul>	<ul style="list-style-type: none"> <li>• Striking and fielding activities in games lessons</li> <li>• Outdoor and Adventurous Activities, athletics <u>OR</u> swimming</li> </ul>

### How parents/carers can help

GCSE PE - Encourage your daughter to ensure that all lessons are completed on the class notebook for theory lessons and to spend time being physically active and watching sport to improve knowledge of physical activities.

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 and 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

Summer Half Term 1	Summer Half Term 2
<b>Forces in motion:</b> <ul style="list-style-type: none"> <li>• Speed</li> <li>• Distance-time graphs</li> <li>• Velocity-time graphs</li> <li>• Acceleration</li> <li>• Terminal velocity</li> </ul>	<b>Critical content revision:</b> <ul style="list-style-type: none"> <li>• Density</li> <li>• States of matter</li> <li>• Changes of state</li> </ul> <b>STEM project- Royal academy of engineering</b>

### 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 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

- Doodle learn website ([www.doddlelearn.co.uk](http://www.doddlelearn.co.uk))
- Oak national academy online lessons and resources ([www.thenational.academy](http://www.thenational.academy))
- Kerboodle online resources-AQA GCSE Sciences 9-1 ([www.kerboodle.com](http://www.kerboodle.com))
- BBC bitesize ([GCSE Combined Science - AQA Trilogy](#)) or ([GCSE Biology \(Single Science\) - AQA - BBC Bitesize](#))
- [www.freesciencelessons.com](http://www.freesciencelessons.com) - The very best in science education

## Religious Studies

### Subject Content

Summer Half Term 1	Summer Half Term 2
<b>Does religion promote or prevent equality?</b> <ul style="list-style-type: none"> <li>• Social justice and human rights.</li> <li>• Freedom of religious expression</li> <li>• Prejudice and discrimination</li> </ul>	<b>Does religion promote or prevent equality?</b> <ul style="list-style-type: none"> <li>• Religion and race</li> <li>• Religion and gender equality</li> <li>• Religious responses to poverty</li> </ul>

### 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.

### Useful Resources

- Access to the online textbook via Kerboodle.
- BBC – GCSE Bitesize: [The causes and types of prejudice and discrimination - Contemporary issues in Christianity - CCEA - GCSE Religious Studies Revision - CCEA - BBC Bitesize](#)
- Oak National Academy: [Unit - Oak National Academy \(thenational.academy\)](#)

## Spanish

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"> <li>• Set 1: Healthy Living and Diet</li> <li>• Set 2: Family and Relationships</li> </ul>	<ul style="list-style-type: none"> <li>• Set 1: Assessment, Revision and Consolidation</li> <li>• Set 2: Assessment, Revision and Consolidation</li> </ul>

### How parents/carers can help

Please encourage your daughters to attend all of 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 device, 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](http://www.kerboodle.com) – goes with our textbook, has great additional resources and revision exercises to do.
- [www.wordreference.com/](http://www.wordreference.com/) - online bilingual dictionary
- [www.linguascope.com/](http://www.linguascope.com/) - very helpful with vocabulary acquisition and retention
- [www.bbc.co.uk/bitesize/examspecs/z4yyjhw](http://www.bbc.co.uk/bitesize/examspecs/z4yyjhw) to practise and revise Units 2 and 3, following the AQA specification

## Textiles

### Subject Content

Summer Half Term 1	Summer Half Term 2
<ul style="list-style-type: none"> <li>• RepperApp digital design- inspired by the work of Yinka Shinabare</li> <li>• Fashion illustration</li> <li>• Cultural dress</li> </ul>	<ul style="list-style-type: none"> <li>• Quilt sample of design –machine stitching</li> </ul>

### 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 and the accompanying powerpoint can be accessed through clicking on the link if students are unable to attend school.

### **Useful Resources**

- Links to useful videos to watch or tutorials are always embedded into powerpoints where appropriate.
- Students should take full responsibility for their sketchbook and sign out any art /textile materials they need to complete prep tasks. They all have a set of coloured pencils for their personal use which were provided by the department.