



Business Beacon Innovation Hub

**GCSE Pathway
Curriculum Booklet**

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Dear Parent / Carer,

This booklet is intended to provide you with information about the subjects your child will be taught this year as part of the GCSE pathway. We do hope you will find it useful and that it will help you to become more involved in your child's education. At BBIH we have a broad and balanced curriculum which helps to unlock our students' potential and to support them in achieving excellent outcomes. Our curriculum is rooted in ensuring that our students become successful learners, confident individuals and responsible citizens.



To support partnership with parents and carers, all homework set can be viewed by visiting the "Show My Homework" link on the school's website. Parents and carers can log in using a parental pin (please email admin@bbih.org if you need a copy of this). This keeps parents and carers fully informed of the homework set by teachers and on what date it is to be handed in.

Homework will be set regularly and if you are having any issues checking the homework your child has been set do not hesitate to contact the school. Should you require any further information please do not hesitate to contact us by emailing admin@bbih.org.

English Language

TERM	MAIN ASSESSMENT TASK
<i>Autumn</i> <ul style="list-style-type: none">- Introduction to GCSE English course- English Language Paper 1 focus	<ul style="list-style-type: none">- Paper 1 workbook- Paper 1 mock exam
<i>Spring and Summer</i> <ul style="list-style-type: none">- Speaking and Listening assessment preparation- English Language Paper 2 focus- Paper 1 and Paper 2 revision	<ul style="list-style-type: none">- Speaking and Listening assessment- Paper 2 workbook- Paper 2 mock exam- Paper 1 and Paper 2 walking talking mock exam.

Course Description

Within English, students develop reading, writing, speaking and listening skills. They learn how to effectively communicate in different settings and for different purposes.

At Key Stage 4 students develop and consolidate the skills needed for GCSE and life beyond school.

These include:

- Reading and interpreting non-fiction and fiction writing.

- Developing writing skills and exploring how to manipulate writing for different purposes.
- Communicating with different people and in different scenarios.

Assessment

By the end of year 11, it is anticipated that students should be able to demonstrate they can:

- Analyse how language and structure are used in a range of forms and genres.
- Using quotations – included embedded – to support a range of ideas and thoughts.
- Write for a range of purposes, using language for effect and structure for coherency.

These skills will be assessed at the end of each half term and progress will be tracked in exercise books and through interim reports.

Homework

Students are given a CGP Workbook at the start of the year. Homework is set in accordance with the questions covered in lessons.

How Parents Can Help

Encourage your child to complete and submit their CGP workbook via Show my Homework.
Access past papers for English Language using the AQA website.

Maths

TERM	MAIN ASSESSMENT TASKS
<p>Autumn</p> <p>Chapters 1 – 10 of the Collins Edexcel Mathematics GCSE textbooks.</p> <ul style="list-style-type: none"> - Basic Number - Fractions, Ratio and Proportion - Statistical Diagrams and Averages - Number and Sequences - Ratio and Proportion - Angles - Transformations and Loci - Algebraic Manipulation - Length, Area, and Volume - Linear Graphs 	<p>End of term test on all topics taught so far.</p>
<p>Spring and Summer</p> <p>Chapters 11 – 25 of the Collins Edexcel Mathematics GCSE textbook.</p> <ul style="list-style-type: none"> - Right-angled Triangles 	<p>Mock exams on Papers 1, 2, and 3</p>

- Similarity
- Exploring and Applying Probability
- Powers and Standard Form
- Equations and Inequalities
- Counting, Accuracy, Power and Surds
- Quadratic Equations
- Sampling and More Complex Diagrams
- Combined Events (Probability)
- Properties of Circles
- Variation
- Triangles
- Graphs
- Algebraic Fractions and Functions
- Vector Geometry

Course Description

The course follows the chapters covered in the Collins Edexcel Mathematics GCSE textbook (ISBN 978-0-00-811381-0). Students will be taught mathematical skills and how to solve mathematical problems. They will also be taught mathematical literacy. As well as preparing students to be successful in the GCSE exam, this course will also help improve their numeracy skills, which will be vitally important to them as they progress to the next stage of their education.

Assessment

Students will take 3 papers in May and June. Each paper will test students' knowledge on all topics taught during the year. The first paper is non-calculator. The second and thirds papers are with a calculator. Students will be entered for either the Foundation Tier or the Higher Tier.

Homework

Homework will be set on a regular basis. This work will be designed to help students reinforce what they have learnt in the classroom and to help them retain all information they need to successfully sit the GCSE exam.

How Parents Can Help

- Check SMHW to see what homework has been set and ensure that the student has completed it.
- Encourage your child to use the BBC Bitesize website to complete homework and revise regularly.
- Encourage your child to ask the teacher after the lesson if they have not understood the work.
- Show an interest in your child's work and ask them to teach you what they have learnt.

Science (Double)

TERM	MAIN ASSESSMENT TASK
<p>Autumn</p> <p>Biology</p> <ul style="list-style-type: none"> - Unit 1 – Cell level systems - Unit 2 – Scaling Up - Unit 3 – Organism-level systems - Unit 4 – Community-level systems - Unit 5 – Genes, Inheritance and Selection - Unit 6 – Global Challenges 	<p>End of unit assessments:</p> <p>End of unit assessments will test students' knowledge and skills in the topics that have been taught. Each end of unit test is designed to replicate the structure of the final GCSE exams that are taken at the end of the year.</p>
<p>Spring and Summer</p> <p>Chemistry</p> <ul style="list-style-type: none"> - Unit 1 – Particles - Unit 2 – Elements, Compounds and Mixtures - Unit 3 – Chemical Reactions - Unit 4 – Predicting and Identifying Reactions and Products - Unit 5 – Monitoring and Controlling Chemical Reactions - Unit 6 – Global Challenges <p>Physics</p> <ul style="list-style-type: none"> - Unit 1 – Matter - Unit 2 – Forces - Unit 3 – Electricity and Magnetism - Unit 4 – Waves and Radioactivity - Unit 5 – Energy - Unit 6 - Global Challenges 	<p>End of unit assessments:</p> <p>End of unit assessments will test students' knowledge and skills in the topics that have been taught. Each end of unit test is designed to replicate the structure of the final GCSE exams that are taken at the end of the year.</p> <p>Mock exam using past paper questions.</p>

Course Description

OCR Combined Science - Gateway Science Suite - Combined Science A (9-1) - J250

This course provides the foundation for understanding the material world. Students are introduced to various key concepts in Biology, Chemistry and Physics, and develop their understanding of how these ideas can help describe diverse and complex natural phenomena.

Assessment

Students will be entered for either the foundation tier or higher tier. In May and June students will sit 6 exams – 2 for each science. At the end of the course students will be awarding 2 GCSEs.

Homework

Homework will be set on regular basis with the aim of either extended the students' knowledge or reinforcing what has been learnt in the classroom.

How Parents Can Help

- Check SMHW to see what homework has been set and ensure that the student has completed it.
- Encourage your child to use the BBC Bitesize website to complete homework and revise regularly.
- Encourage your child to attend homework club.
- Encourage your child to ask the teacher after the lesson if they have not understood the work.
- Show an interest in your child's work and ask them to teach you what they have learnt.

Art

TERM	MAIN ASSESSMENT TASK
<i>Autumn</i> COURSEWORK (UNIT 1) <ul style="list-style-type: none">- Independent coursework project ORGANIC AND MECHANIC <ul style="list-style-type: none">- Students will be guided through skills and techniques and the work of other artists and craftspeople.	AO1 (Develop) - <ul style="list-style-type: none">- Find relevant artists to research- Use this work to inspire mini pieces of work- Make personal comments about this work- Visit museums, galleries, cities, spaces etc to inspire your work AO2 (Experiment) - <ul style="list-style-type: none">- Explore different media in your sketchbook- Use different techniques and processes- Evaluate how successful your experiments have been AO3 (Record) <ul style="list-style-type: none">- Collect and present only relevant imagery- Produce high quality drawings/sketches/ paintings etc.- Take your own photos- Annotate your work AO4 (Present) <ul style="list-style-type: none">- Produce confident and high quality final piece/s- Ensure your work links to your prep work
<i>Spring and Summer</i> EXAM UNIT (UNIT 2) <ul style="list-style-type: none">- Externally set assignment continued- AQA set assignment. Students choose from a range of titles given and students pick which to complete, using the assessment objectives	AO1 (Develop) - <ul style="list-style-type: none">- Find relevant artists to research- Use this work to inspire mini pieces of work- Make personal comments about this work- Visit museums, galleries, cities, spaces etc to inspire your work AO2 (Experiment) -

- students complete preparation work until their 10 hour controlled period.
- Students will be guided through skills and techniques and the work of other artists and craftspeople.

- Explore different media in your sketchbook
- Use different techniques and processes
- Evaluate how successful your experiments have been

AO3 (Record)

- Collect and present only relevant imagery
- Produce high quality drawings/sketches/ paintings etc.
- Take your own photos
- Annotate your work

AO4 (Present)

- Produce confident and high quality final piece/s
- Ensure your work links to your prep work

Course Description

The aim of the course is to ensure that a broad and balanced curriculum is taught. Students will be able to develop a higher level of skills and expertise in a range of Art and Design techniques. They will also gain a greater awareness of the visual world and certain aspects of the History of Art. Art and Design is a practical subject and lesson time will be almost exclusively spent in the creation of original art and design work. This will involve a lot of independent research and investigation, including continuous written documentation and analysis of students' own and others' work.

The work produced consists of a series of Art projects set by the Art and Design staff. The Artwork will be both two and three-dimensional; students will use a range of materials throughout the course.

- Students will work on producing a A3 sketchbook and folder of coursework which will be built up for term 1. This is 60% of the overall grade.
- In term two students will be set an externally set theme/title to produce a sketchbook of preparatory work which will support and lead up to a 10 hour exam whereby they produce a final piece.

The course includes:

- 3 lessons per week
- 60% Coursework (Unit 1)
- 40% Exam (Unit 2)
- Art course trip to a London venue TBC
- AQA exam board

Course ends with Exam 10 hour controlled assessment

Assessment

The department has imbedded assessment language from the exam board throughout all key stages, and assessment is formally given in the middle of projects. Written feedback given for students to move forward in

continuing work, as opposed to feeding back to completed work. Summative assessment is provided in peer, self and verbal assessment in lessons throughout all key stages.

Example: In key stage 4 regular feedback is given using AQA Art and design specification language and criteria linked to their current projects and tasks – recorded in their sketchbooks.

A01

Develop ideas through investigations, demonstrating critical understanding of sources.

A02

Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.

A03

Record ideas, observations and insights relevant to intentions as work progresses.

A04

Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.

Homework

1-2 hours homework is expected each week – relating to the topic.

How Parents Can Help

- Ensure that their child has adequate and appropriate drawing, colouring materials, e.g. a set of good quality shading pencils, colouring pencils, other materials as per teacher's request.
- Provide their child with access to the internet for research and developing ICT related projects.
- Assist in checking the quality of homework.
- Take students to art galleries during the holidays.

History

TERM	MAIN ASSESSMENT TASK
<i>Autumn</i> The Cold War & Elizabeth I <ul style="list-style-type: none">- Key topic 1: Origins of the Cold War 1945-1958- Key topic 2: Cold War Crises 1958-1970- Key topic 3: The End of the Cold War 1970-1991	Past paper questions on the unit.
<i>Spring and Summer</i> Medicine Through Time & Western Front <ul style="list-style-type: none">- Medicine through Time- How has our understanding of the causes of disease changed over time?	Past paper questions on the unit. Revision and Exam Practice – pupils will complete their revision by undertaking a series of exam questions covering all aspects of their History GCSE. These will be

- How has the prevention and treatment of disease changed from the Medieval period to the present day?
- Medicine on the Western Front: How were soldiers treated during World War One?

marked and redrafted, using mark schemes and model answers from the exam board.

Weimer & Nazi Germany

- **Key topic 1:** The Weimar Republic 1918-1929
- **Key topic 2:** Hitler's rise to power 1919-1933
- **Key topic 3:** Nazi control and dictatorship 1933-1939
- **Key topic 4:** Life in Nazi Germany 1933-1939
- Students will sit their exams at the end of Year 11 and Paper 3 is 1 hour 20 minutes

Course Description

Pupils who select History as one of their GCSE options will follow the Edexcel (9-1) course. This is a wide-range syllabus, which uses a set of key themes to cover extended periods of the history of the United Kingdom, Europe and the wider world. Students in Year 11 will focus on the development of Medicine Through Time, Germany through the 20th Century, from the end of World War 1, the creation of the Weimar republic, the rise of Nazism and investigation into what life was like in Nazi controlled Germany.

Assessment

Pupils will complete a range of assessments, with a significant focus on practicing exam questions in the style of the Edexcel board. Pupils will be able to use their performance to track their progress against both their target grades, and also the marking criteria of the exam board being used.

Homework

Homework tasks will be set on a fortnightly basis, and are designed to stretch all pupils' understanding of the lessons they have covered that week. Exam questions and research tasks will be used to build upon the content being covered in lessons, with the aim of promoting rapid progress towards the highest GCSE grades.

How Parents Can Help

Parents can encourage their children to take an interest in current affairs that may relate to their Geography topics, using news websites and other sources. They can also ensure that pupils have a full set of equipment for all lessons, including drawing tools and a scientific calculator.

INCLUSION

The Inclusion department is comprised of the English as an Additional Language (EAL) department and the Special Educational Needs and Disabilities department (SEND).

Special Educational Needs and Disabilities (SEND)

The SEN department supports students who have a variety of Special Educational Needs (SEN) and students who have gaps in their learning that have become barriers stopping them from making expected progress. The SEN team supports students while in class and through withdrawal for specific interventions. Teaching Assistants who support in a class will support all students in that class contributing to the progress of the whole group.

When students are withdrawn they are taught in groups with low pupil to staff ratios allowing students to make accelerated progress. The amount of time that students are withdrawn for depends on the needs of the students.

Withdrawal lessons support students in developing literacy skills, numeracy skills, communication skills, strategies for managing specific learning difficulties and social skills. In addition the school works with a variety of outside agencies who provide specialist support to students and offer advice and guidance to staff in supporting student with specific learning needs.

English as an Additional Language department (EAL)

For students who are new to English we offer a short term intensive program. This equips students with enough English and other skills to get started in lessons. We work with other teachers to prepare materials to help the students access the curriculum.

Ongoing support is provided throughout Key Stage 3 (year 7-9) through withdrawal groups which are small groups taught by an experienced EAL teacher.

Lunchtime club provides an opportunity for students to get help with homework and use bilingual resources. Parental engagement (including providing translators) and celebration of different cultures is also supported through the work of the EAL department.

For further information including the school's SEN offer and report on SEN please see the school's website.