

Year 10

Curriculum guide for Parents / Carers

2023-24



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FINE ART

Overview

The Year 10 Fine Art curriculum emphasises the importance of observational drawing skills and encourages students to explore and interpret the art world around them. Through engaging with a variety of themes, subjects, and art historical references, students will develop their ability to analyse and interpret artworks, understand artistic styles, and make connections between different periods and cultures.

Your child will study:

- Component One: Identity and Self Portrait
- Degenerate Art: Klimt, Klee, Picasso, Schiele, Dix
- How artists have used genres, topics, and world issues to create artwork
- How to take inspiration from the work of artists, designers, and crafts people
- How to respond to a Fine Art brief – Artists Beyeler, Nicolle, Cecile, O'Neill

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Use a range of techniques to record their observations about Degenerate Art
- Use a variety of techniques and media, including painting, print making to produce portrait images
- Know how to generate ideas and evaluate their own work as it progresses
- Know how to analyse the work of Artists, Designers and Craft-peoples
- Understand why artwork is produced to highlight or celebrate a theme
- Understand the different art movements from ancient times to the present day

Your child will be assessed through timed responses in class, mock examinations, and the GCSE examinations in AQA GCSE Fine Art.

How can you support your child at home?

- Strongly encourage your child to bring their own materials and equipment from home to help you enhance your artistic practice. For example, A sketchbook to capture ideas, 2B-6B pencils, Fine Liners, photographs, brown parcel paper and newspaper.
- Encourage your child to bring protective clothing like an old shirt or apron.
- Encouraged your child to carry out artist research independently to support your project coursework work and visit galleries or places of interest to enhance your learning.



Useful links:

[Degenerate art | Tate](#) [Cultural Identity | Tate](#) [Sir Grayson Perry | Artist](#)
[| Royal Academy of Arts](#) [GCSE Art and Design - AQA - BBC Bitesize](#)



If you need to ask a question about this subject, contact:
Sandra.Hirst@bbec.bdat-academies.org



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BUSINESS STUDIES

Overview

The Business curriculum in Year 10 uses current engaging case studies to spark learning and ensures that all students are provided with the necessary skills to analyse a range of concepts in business studies. The curriculum challenges wider thinking around the interconnection of business activity within new start-ups and small businesses. The curriculum is mapped to follow the order of completion of the exams and is chunked according to specification points, providing students with a logical progression through the GCSE. Topics covered are ambitious and allow for group tasks and independent learning through investigation.

Your child will study:

- Enterprise & Entrepreneurship
- Spotting a business opportunity
- Putting a business idea into practice
- Making the business effective
- External influences on Business

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Understand how and why new business ideas come about
- Understand customer needs and Analyse types of market research
- Calculate revenues, cost, profits, breakeven levels of output and margins of safety
- Understand the different types of ownership and importance of limited liability
- Evaluate how technology influences business decisions
- Evaluate how changes in the economic climate affects business activity

Your child will be assessed through timed responses in class, mock examinations, and the GCSE examinations in EDEXCEL GCSE in Business Studies specification.

How can you support your child at home?

- Encourage your child to begin revising as early as possible
- Encourage your child to practice past papers
- Encourage your child to take an interest in the news



Useful links:

[GCSE Business - Edexcel - BBC Bitesize](#)
[BusinessEd - Home](#)
[Two Teachers - YouTube](#)



If you need to ask a question about this subject, contact:
Emma.Chinnery@bbec.bdat-academies.org



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DRAMA

Overview

In year 10 the drama curriculum switches to the completion on the BTEC Tech Award in Performing Arts. The course comprises of 2 internally and 1 externally assessed component. Throughout this first year of the course students will look at roles, responsibilities and the application of relevant skills and techniques. They will study a professional performance and learn about how these are created. Students will explore a variety of styles and genres and will develop transferable skills, such as research and communication.

Your child will study:

Component 1 – Exploring the Performing Arts (internal assessment)

- performance styles, creative intentions, and purpose
- Investigate how practitioners create and influence what's performed
- Discover performances roles, techniques, and processes.

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Understand the stylistic qualities of practitioner's work.
- Understand how the roles, responsibilities and skills of practitioners work together.
- Identify themes within performance work.
- Understand how a performance is devised, rehearsed, and performed.

Your child will be assessed through timed milestone rehearsals, mock assessments, and the BTEC set assignment brief for Component 1.

How can you support your child at home?

- Encourage your child watch any live theatre performances on TV or in person.
- Encourage your child to undertake research at home.
- Discuss the performances that are studied as part of Component 1.
- Read through lines to help students learn them for performance.



Useful links:

[Vocal and physical techniques - Developing an idea - Drama - AQA - BBC Bitesize](#)



If you need to ask a question about this subject, contact:
Richard.Horsfall@bbec.bdat-academies.org



ENGLISH

Overview

The English curriculum in Year 10 ensures that all students are provided with the necessary skills to analyse a range of unseen fiction and non-fiction texts. It aims to provide students with the secure knowledge of all literature texts being studied, ensuring they are able to write extensively on themes and author intent in preparation for the GCSE exams.

Your child will study:

- English Language: Component 1 & 2 reading and writing
- English Literature: Macbeth, Blood Brothers, The strange case of Dr Jekyll and Mr Hyde, Unseen poetry
- Essential revision skills to prepare students for the GCSE exams

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Know how to respond to texts in detail
- Know how to link texts to their contexts
- Comment on author's intent
- Write appropriately for purpose and form
- Write consistently and coherently
- Analyse form, structure and language using accurate terminology
- Engage with challenging texts
- Know how to revise effectively and be prepared for the GCSE exams

Your child will be assessed through timed responses in class, mock examinations and the GCSE examinations in AQA GCSE English Literature and Eduqas GCSE English Language.

How can you support your child at home?

- Encourage your child to begin revising as early as possible
- Encourage your child to practice past papers
- Discuss the texts they are reading in school and ask them questions about it



Useful links:

Macbeth/ Blood Brothers revision:
<https://www.bbc.co.uk/bitesize/topics>



If you need to ask a question about this subject, contact:
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BTEC ENTERPRISE

Overview

The Enterprise curriculum ensures students receive an ambitious learning experience and learn academically and through practical application which inspire students to enter the world of enterprise. The Enterprise curriculum is mapped to follow the order of completion of the Pearson set assignment and is chunked according to specification points, providing students with a logical progression through the BTEC programme. The Two coursework components are completed in year 10 and these are assignments set each year by the exam board and completed in specific time frames. Students need to be resilient in research skills, application, and evaluation of key topics.

Your child will study:

Component 1 - Exploring Enterprises

- Learners will examine different local enterprises to develop their knowledge and understanding of the characteristics of enterprises and the skills needed by entrepreneurs.
- Explore how market research helps enterprises to meet customer needs and understand competitor behaviour
- factors such as governmental changes, economic factors that contribute to the success or failure of an enterprise.

Component 2 – Planning for and pitching an enterprise Activity

- Learners will individually select an idea for a micro-enterprise activity to plan and pitch. They will individually pitch their business plan for their idea to an audience and then use the feedback to review their plan and pitch.
- Learners will develop their knowledge and understanding of the skills required to plan for a micro-enterprise activity and demonstrate such skills.

Your child will:

- Understand the concept of enterprise and the characteristics of an entrepreneur
- Plan an enterprise idea including conducting market research and financial planning
- Explore enterprises internal and external factors the influence success
- Understand market segmentation including demographic, geographic, psychographic, and behavioural.
- Produce a SWOT & PEST analysis

Your child will be assessed through timed responses in class, mock assignments, and the actual Pearson Set Assignments (PSA) as part of the Edexcel BTEC tech award in Enterprise specification.

How can you support your child at home?

- Encourage your child to continue with work via teams at home
- Improve research skills by asking people at home questions
- Encourage them to take an interest in local businesses



Useful links:

[GCSE Business - BBC Bitesize](#)
[KnowItAllNinja](#)



If you need to ask a question about this subject, contact:
Emma.Chinnery@bbec.bdat-academies.org



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GEOGRAPHY

Overview

The Geography curriculum in Year 10 ensures that all students will travel the world from their classroom, exploring case studies in the United Kingdom (UK), higher income countries (HICs), newly emerging economies (NEEs) and lower income countries (LICs). Topics of study include climate change, poverty, deprivation, global shifts in economic power and the challenge of sustainable resource use. Students are also encouraged to understand their role in society, by considering different viewpoints, values and attitudes.

Your child will study:

- Rio - Brazil
- Tropical Rainforests
- Weather Hazards
- Global Resources
- Cold Environments
- Coasts – Human & Physical Fieldwork
- Tectonics

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Know how to respond to geographical information from a range of scale
- Use knowledge and to identify geographical significance
- Comment and evaluate geographical information
- Learn how to respond effectively to data, figures, photos, and text
- Write consistently and coherently
- Know how to revise effectively and be prepared for the GCSE exams

Your child will be assessed through timed responses in class, mock examinations, and the GCSE examinations in AQA GCSE Geography.

How can you support your child at home?

- Encourage your child to begin revising as early as possible
- Encourage your child to practice past papers
- Discuss events that occur daily which link to the range of human and physical geography studied



Useful links:

<https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc?scrlybrkr=bcf9e9f0>



If you need to ask a question about this subject, contact:
Richard.Dowd@bbec.bdat-academies.org



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Hospitality and Catering

Overview

The Hospitality and Catering curriculum in Year 10 builds on KS3 Food and intends to deliver excellent outcomes. The curriculum aims to inspire students' enthusiasm in the subject, to link learning to real-life contexts so that students can relate to the content. The curriculum aims to teach recipes which students can use at home and in the future. The Vocational Award in Hospitality and Catering has been designed to support learners in schools who want to learn about this vocational sector and the potential it can offer them for their careers or further study. This further study provides students with the opportunity to develop a range of specialist and general skills that would support their progression to employment.

Your child will study:

- The importance of Nutrition
- How to prepare and make dishes
- Working in the hospitality and catering industry
- Health and safety in hospitality and catering provision
- Contributing factors to the success of hospitality and catering provision

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Learn to cook a wide range of starters, main meals, desserts and accompaniments
- Use a wide range of knife skills safely and competently
- Being able to respond to a set brief, working independently, demonstrating a range of medium and complex cooking skills
- Understand and apply key knowledge about Nutrition, Hygiene and Safety
- Understand and apply key knowledge about the Hospitality and Catering industry

Your child will be assessed through lesson activities, whole-class feedback sheets, peer/self-assessment allocated to specific tasks. Summative assessments include knowledge-based quizzes at the end of each unit of work and assessed practical lessons based on skills.

How can you support your child at home?

- Encourage your child to complete homework as this will directly feed into the lessons they do in school
- Encourage your child to help with the Food shop, so that they become familiar with a range of fresh and packaged foods
- Encourage your child to demonstrate their practical cooking skills at home



Useful links:

<https://www.nhs.uk/live-well/eat-well/food-guidelines-and-food-labels/the-eatwell-guide/>

<https://www.bbc.co.uk/bitesize/subjects/zbtvxy>

<https://www.health-ni.gov.uk/topics/professional-medical-and-environmental-health-advice/environmental-health>

<https://www.food.gov.uk/food-safety>



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HISTORY

Overview

GCSE History students' study AQA History GCSE. This is broken down into two papers. Paper 1 tests knowledge of more modern History with two sections on Conflict & Tension 1894-1918 and Democracy & Dictatorship in Germany. Paper 2 tests knowledge of Britain, Health and the People and Elizabethan England. In Year 10 students will study one unit from each paper. This means a focus on Conflict and Tension and Britain, Healthy and the People.

Your child will study:

- Causes, Events and Consequences of World War One
- Changes to health in Britain from AD1000 to the present day with a specific focus on treatments, surgery, public health, and ideas about the causes of disease.

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Understand how to structure answer to GCSE History questions
- Understand what has changed and continued in medicine over time
- Critically evaluate sources of evidence to draw conclusions
- Compare and contrast historical events
- Study content in line with the National Curriculum & AQA History GCSE

Your child will be assessed through constant checking for understanding methods during lessons, multiple choice assessments in class, mock examinations, and end of year examinations.

How can you support your child at home?

- Encourage your child to attend all revision sessions
- Use a AQA History revision guide to help by testing students on key knowledge
- Encourage the completion of homework (set on Seneca)
- Visit historical locations such as Thackeray Medical Museum
- Read books, poetry and watch films and television programmes relating to WW1



Useful links:

<https://www.senecalearning.com>



If you need to ask a question about this subject, contact:
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MATHS

Overview

The Mathematics curriculum in Year 9 and 10 begins to provide a more targeted offering based on your child's prior attainment. This enables all students to achieve the best possible grade at GCSE whilst also gaining all the necessary numeracy skills they will need in their life after BBEC. Your child will follow either the working towards, crossover or higher scheme. Your child's teacher will let them know which scheme they will be following, more details for each scheme are provided below.

Working Towards

The aim of this scheme is to prepare students to take the foundation GCSE paper. It has a high focus on key numeracy skills which will enable your child to become confident when faced with everyday numerical problems such as estimating and measuring, managing money, understanding statistics and working with time and timetables.

Your child will study:

- Number skills
- Fractions, decimals, and percentages
- Data handling
- Shape and space
- Area and angles
- Algebra
- Probability

What knowledge, skills and understanding will your child gain by the end of Year 9/10?

Your child will:

- Understand integers, decimals, indices, powers and roots
- Work confidently with factors, multiples and primes
- Understand and work with using fraction, decimals and percentages
- Draw and interpret a variety of tables and graphs
- Work fluently with metric measurements
- Learn and apply properties of 2D and 3D shapes including symmetry, simple construction, finding perimeter and using area and volume formulae
- Know and use the common angle laws
- Understand algebraic notation, solve simple equations and substitute confidently into expressions
- Understand and use the probability scale

Crossover

This scheme covers content which is included on both the higher and foundation GCSE. It provides greater depth of knowledge of the foundation content whilst also building a solid knowledge base for students who will eventually take the higher GCSE to build upon. It has a particular focus on mathematical skills and methods which are commonly used in the workplace such as ratio and scale, data sampling and percentage problems as well as more complex financial methods such as compound interest and exchange rates. In this way, the scheme prepares students for a variety of career choices.



Your child will study

- Higher number skills
- Complex algebraic methods and quadratic equations
- Coordinate and circle geometry
- Applications of Algebra
- Trigonometry
- 3D Geometry
- Higher data skills
- Geometric, algebraic and numerical proof

What knowledge, skills and understanding will your child gain by the end of Year 9/10?

Your child will:

- Understand and use recurring fractions, fractional and negative indices, bounds and surds
- Be confident expanding, factorising, rearranging, using the quadratic formula and completing the square.
- Learn and work with properties of parallel and perpendicular graphs, gradients, tangents, graphs of circles, cubes and quadratics, area under curves and circle theorems.
- Form and solve quadratics, manipulate algebraic fractions, understand, and use function notation, iteration and solve quadratic simultaneous equations.
- Know and use trigonometric rules for non-right-angled triangles and understand trigonometric functions
- Find surface area of volume of complex 3D shapes and understand similarity in 3D
- Draw and interpret histograms, cumulative frequency graphs and box plots as well as using higher sampling techniques
- Understand and work with vectors, apply understanding of a variety of mathematical methods to prove geometric, algebraic, and numeric statements.

Whichever course your child follows, they will be assessed through regular exam questions and low stakes testing in class, mid and end of year examinations as well as a mock GCSE at the end of year 10.

How can you support your child at home?

- Ensure they have a Casio FX-83GTCW calculator (or equivalent)
- Test their factual recall using their learn by heart sheets or the mathsbot link provided
- Ensure your child completes their online homework
- Encourage the use of CorbettMaths videos and worksheets to revise topics they struggle with in class.
- Help your child realise the importance of the subject by talking about how they may need Maths in their life and career. Give them examples you or your family and friends have encountered.

**Useful links:**

<https://corbettmaths.com/contents/>

<https://mathsbot.com/gcse/retrieval>



**If you need to ask a question about this subject, contact:
Lucy.Hefferin@bbec.bdat-academies.org**



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FRENCH/SPANISH

Overview

The French/Spanish curriculum in Year 10 ensures that all students are provided with the necessary tools to develop their language skills to their full potential, equipping them with the knowledge to communicate in a variety of contexts with confidence. The curriculum allows students to master the skills of listening, speaking, reading, and writing in preparation for the GCSE exams.

Your child will study:

- Topics on where they live, holidays they go on and school life.
- A range of tenses and grammatical structures.
- Essential revision skills to prepare students for the GCSE exams

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Know how to understand and respond to different types of spoken language.
- Be able to communicate and interact effectively in speech for a variety of purposes.
- Know how to understand and respond to different types of written language.
- Be able to communicate effectively in writing for a variety of purposes.
- Know how to revise effectively and be prepared for the GCSE exams.

Your child will be assessed through tasks in reading, speaking, listening and writing, mock examinations and the GCSE examinations in AQA GCSE French.

How can you support your child at home?

- Encourage your child to begin revising as early as possible.
- Encourage your child to practice past papers.
- Test your child on the weekly vocabulary that they are learning.



Useful links:

<https://senecalearning.com/en-GB>

<https://www.duolingo.com>



If you need to ask a question about this subject, contact:
Leon.Mincher@bbec.bdat-academies.org



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MUSIC

Overview

BTEC Level 1/Level 2 Tech Award in Music Practice is for learners who want to acquire sector-specific applied knowledge and technical skills through vocational contexts by studying and developing their musical skills and techniques, and by responding to a music industry brief as part of their Key Stage 4 learning. The qualification enables learners to develop their skills, such as using musical elements, music creation, performance, and music production, using realistic vocational contexts, and their personal skills, such as self-development, responding to a brief, planning and time management through a practical and skills-based approach to learning and assessment. The qualification recognises the value of learning skills, knowledge, and vocational attributes to complement GCSEs. The qualification will broaden learners' experience and understanding of the varied progression options available to them

Your child will study:

- **Component 1** - Exploring Music products and styles. Perform 3 styles/create presentation on 3 styles.
- **Component 2** - Musical Skill Development – Plan and create 2 musical outcomes to develop your skills.
- **Component 3** - Responding to a brief. Develop/record musical material. Develop song A, into style B, for example a reggae song to developed into a Swing style.
- **Component 1** - Exploring Music products and styles. Perform 3 styles/create presentation on 3 styles.

What knowledge, skills and understanding will your child gain by the end of Year 10/11?

Your child will:

- Develop a mixture of private practice, group performance, classroom-based work developing listening and appraising skills, practical lessons, group and solo performances
- Know how to use PC's and sequencing software to create and develop your music/compositions

How can you support your child at home?

- Encourage a love of music
- Encourage your child to practise at home
- Encourage your child to engage with Bandlab
- Support any musical interests they have
- Take up instrumental lessons at school



Useful links:

<https://www.senecalearning.com>



If you need to ask a question about this subject, contact:
Richard.Horsfall@bbec.bdat-academies.org



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PHOTOGRAPHY

Overview

The Year 10 Photography curriculum will cover various genres and themes within photography, such as portraiture, landscape, still life, documentary, and experimental photography. Students will explore different approaches and styles, learning to communicate ideas and emotions through visual storytelling.

Your child will study:

- **Component One: Identity and Self Image**
- **Basic of Photography - How the camera works**
- **Composition Theory**
- **How Photographers have used genres, topics, and world issues to photographic images**
- **How to take inspiration from the work of Artists and Photographers**
- **How to respond to a Photography brief**

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- **Use a range of photographic techniques to record their observations in**
- **Use a variety of photographic techniques and media, including Adobe Photoshop**
- **Know how to generate ideas and evaluate their own work as it progresses**
- **Know how to analyse the work of Artists and Photographers**
- **Understand why photographic images are produced to highlight or celebrate a theme**
- **Understand the historical development of Photography**

Your child will be assessed through timed responses in class, mock examinations, and the GCSE examinations in AQA GCSE Fine Art.

How can you support your child at home?

- Strongly encourage to bring your own props, personal items and specific subject matter from home to help you enhance your photographic practice.
- Encourage your child to plan and take series of photographs in your own time, outside school and work in a timely manner to produce creative outcomes. A SD Memory Card will be useful to store your photographic images.
- Encourage your child to carry out artist/photographer research independently to support your project coursework work
- Encourage your child to visit art galleries or places of interest to enhance their learning.



Useful link

<https://www.adobe.com/uk/products/photoshop>

[The basics of photography composition | Adobe](#)

[Photography - GCSE Art and Design Revision - AQA - BBC Bitesize](#)



If you need to ask a question about this subject, contact:
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PSHCE

Overview

The PSHCE curriculum in Year 10 ensures that all students develop a range of skills to keep themselves and others safe, happy, and healthy. They will develop a real sense of community and understanding of their place as an active citizen in the wider world. The PSHCE curriculum encourages all students to understand British values of respect, tolerance, law, and democracy which underpin our school value of kindness. Your child will study:

- Online safety (understanding our digital footprint)
- Recapping how to tackle discrimination, as well as gaining a deeper understanding of extremism and radicalisation
- Understanding and recognising mental ill health and how/when to see support
- The rule of law (gang culture, exploitation, fraud)
- The range of post-16 options available and support with applications

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Understand and recap how to keep safe both inside and outside of school, as well as on-line
- Recap the fundamental British values of democracy, the rule of law, tolerance, mutual respect, and liberty.
- Understand how to spot the signs of mental ill health and how to seek support, as well as how to support others
- Understand how the rule of law keeps people safe and how to recognise exploitation
- Understand the range of post-16 options and how to apply for different routes

Your child will be assessed through weekly multiple-choice quizzes and targeted questioning.

How can you support your child at home?

- Discuss and monitor your child's online activity, ensuring they feel confident to share any concerns they may have.
- Regularly check-in with your child's mental and physical wellbeing, encouraging them to share and discuss their thoughts/feelings
- Discuss current affairs at home, ensuring your child knows where to access accurate and reliable news sources



Useful links:

<https://saferinternet.org.uk/>

<https://www.youngminds.org.uk/>



If you need to ask a question about this subject, contact:
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CORE RELIGIOUS EDUCATION

Overview

The Religious Education curriculum in Year 10 helps students learn about and experience cultural and spiritual diversity around the world and in Britain, promoting a sense of belonging. It helps students understand and display British values of respect, tolerance, law, and democracy which underpin our school value of kindness. It helps students understand belief systems and political ideologies so they can make informed decisions and set themselves challenging goals about how they can become more active citizens who have a real impact on society.

Your child will study:

- Religion
- Crime
- Punishment

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Know the causes and types of crime and religious views on aims of punishment
- Know religious views on the treatment of offenders including community service, prison, corporal punishment, and capital punishment
- Know how to interpret quotations and use them to support religious beliefs
- Write consistently and coherently
- Know how to revise effectively and be prepared for the GCSE exams

Your child will be assessed through timed responses in class.

How can you support your child at home?

- Discuss the topics they are studying in school and ask them questions about it
- Encourage homework
- Encourage extra study and exam question practice



Useful links:

<https://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062>



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RELIGIOUS STUDIES

Overview

The Religious Education curriculum in Year 10 encourages all students to ask challenging questions about the existence of God, beliefs about what is right and wrong and the meaning and purpose of life. It aims to provide students with secure knowledge on key beliefs and practices in Christianity and Islam, ensuring they can write extensively on these in preparation for the GCSE exams.

Your child will study:

- **Christian beliefs: The study of key beliefs, teachings, and practices**
- **Religion and Life: Origins of the universe, The value of the world, Abortion, Euthanasia, Beliefs about the afterlife**
- **The Existence of God and Revelation: Beliefs about the existence of God, General revelation, Special Revelation**
- **Islam beliefs: The study of key beliefs, teachings, and practices**

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Know key Christian beliefs on the nature of God, Creation and the life and death of Jesus
- Know key Muslim beliefs on the nature of Allah, Angels, prophethood, sources of authority, predestination, and life after death
- Know different views on the creation of the universe, environmental concerns, and the difference between 'sanctity of life' and 'value of life'
- Know the different religious beliefs on how God reveals Himself in the world
- Know how to interpret quotations and use them to support religious beliefs
- Write consistently and coherently
- Know how to revise effectively and be prepared for the GCSE exams

Your child will be assessed through timed responses in class, mock examinations, and the GCSE examinations in AQA GCSE Religious Studies.

How can you support your child at home?

- Encourage your child to begin revising as early as possible
- Encourage your child to practice past papers and complete any homework
- Discuss the topics they are studying in school and ask them questions about it



Useful links:

<https://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062>



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SCIENCE

Overview

The Science curriculum in Year 10 ensures to empower curious minds enabling our students to become scientifically literate and critical thinkers providing them with knowledge and skills to excel in skills in STEM fields and beyond. All pupils are taught essential aspects of the knowledge, methods, processes and uses of science. The use of conceptual models and theories to make sense of the observed natural phenomena, learn about effect and cause and that change is driven by interactions between different objects and systems. The progress of Science through processes of hypothesis, practical experiments, observation, theory and development and review

Your child will study:

- **Biology** – Stem cells, cell division, Enzymes, Cancer, Immune system and Drug testing, Respiration and Metabolism, Homeostasis, Reproduction, DNA and Meiosis, Nutrients and Biodiversity.
- **Chemistry** – Chemical Bonding, Mass and mole calculations, Energy Changes and rate of reactions, Organic chemistry, and Chemistry of the Atmosphere.
- **Physics** – Electricity circuits, Internal Energy, Hooke's Law, Motion, Graphs, Newtons Law of Motion, and Introduction to Waves.

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- **Build upon their scientific knowledge from year 9.**
- **Demonstrate mastery in skills needed to work as a scientist including planning investigations, identifying variables, using scientific equipment correctly and problem-solving.**
- **Explain scientific ideas in subject disciplines of biology, chemistry, and physics.**
- **Apply mathematical knowledge to presenting and analysing scientific data.**
- **Use modelling and abstract ideas to describe scientific phenomena.**

Your child will be assessed through timed responses in class, half termly tests, mock examinations, and end of year examinations.

How can you support your child at home?

- Encourage your child to use the recall fact sheet on the school website.
- Use class charts to ensure all homework is completed on Seneca.
- Encourage your child to make flashcards and revision maps to recall knowledge.
- Use computers to research lesson topics.



Useful links:

<https://www.bbc.co.uk/bitesize/examspecs/z8r997h>

<https://cognitoedu.org/dashboard>

<https://senecalearning.com/en-GB/>



If you need to ask a question about this subject, contact:
Mazhar.Hussain@bbec.bdat-academies.org



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BTEC Sport

Overview

BTEC sport in year 10 will teach students how to prepare for physical activity. Students will study what different types of activity there are, how different peoples' needs dictate what activities they might take part in and where these activities take place and any barriers that may need to be overcome in order to participate successfully. They will learn about what equipment is needed and how technology can assist with participation. Finally, they will learn to plan and deliver a warm-up to ensure that participants are fully prepared for their physical activity.

Your child will study:

- The different types of physical activity, the different groups of participants and the barriers to participation associated with those groups.
- Sports provision and the advantages and disadvantages of each.
- The use of equipment and technology in sport and physical activity
- How to plan a warm-up and deliver this successfully.

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Understand the difference between physical fitness activity, sport and outdoor adventurous activity.
- Understand how different types of provision affect what physical activity is available.
- Know about advances in clothing and technology which is available to participants of physical activity.
- Know the three stages of a warm-up and how to plan these stages specifically for a participant or activity.
- How to deliver the warm-up successfully

How can you support your child at home?

- Encourage your child to spend some time watching sport at home and try to recognize individual skills from their PE lesson.
- Your child will be expected to have full school PE uniform for each of their PE lessons. Please help by checking and reminding your child each time they have PE.



Useful links:

<https://qualifications.pearson.com/en/qualifications/btec-tech-awards/sport-2022.html>



If you need to ask a question about this subject, contact:
Jeremy.Hillam@bbec.bdat-academies.org



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Art Textiles

Overview

The Art Textiles curriculum in Year 10 allows students to build on techniques learned in KS3 and develop knowledge, understanding and skills relevant to Art Textiles, through integrated practical, critical and contextual study. Students will learn through practical experience and develop a range of personal and meaningful responses through the development of ideas, refining and recording observations and insights in visual language. Over time, students will reflect critically on their creative journey to improve their work.

Your child will study:

- **Component 1: Natural forms**
- **How to take inspiration from the work of artists, designers, and craftspeople**
- **How to respond to a Textiles brief**

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Use a range of techniques such as mono-printing, screen-printing, direct printing, batik and transfer printing, applique/reverse applique, and freehand machine embroidery.
- Carry out primary research including drawing and painting and photography.
- Develop practical skills and knowledge of textile decorative techniques and fabric manipulation in order to create fabric samples.
- Know how to generate ideas and evaluate their own work as it progresses
- Know how to analyse the work of artists, designers, and craftspeople.
- Use the work of textile designers and artists to inform the development and refinement of their own ideas

Your child will be formally assessed through responses in class, mock examinations, and the GCSE AQA examination in Art Textiles.

How can you support your child at home?

- Encourage your child to research project themes and create drawings and studies independently to support their portfolio work.
- Encourage your child to carry out artist research independently to support project coursework work and visit galleries or places of interest to enhance their learning
- Develop hand embroidery skills by completing samples at home to include different hand embroidery stitches, sewing beads and buttons and couching.



Useful links:

<https://www.textileartist.org/>

<https://www.pinterest.co.uk/>



If you need to ask a question about this subject, contact:
Zainab.Asghar@bbec.bdat-academies.org



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3D Studies

Overview

The 3D Studies curriculum in Year 10 allows students to develop knowledge, understanding and skills relevant to 3D design, through integrated practical, critical and contextual study. Students will learn through practical experience and develop a range of personal and meaningful responses through the development of ideas, refining and recording observations and insights in visual language. Over time, students will reflect critically on their creative journey to improve their work.

Your child will study:

- Component 1: Natural forms
- How to take inspiration from the work of artists, designers, and craftspeople
- How to respond to a 3D brief

What knowledge, skills and understanding will your child gain by the end of Year 10?

Your child will:

- Know and understand how to work with different materials to create 3D outcomes including cutting, shaping, forming, and decorating
- Use a variety of materials such as Timber (both wood and manufactured boards), Polymers (thermoforming), Plaster and Clay (casting processes) and more
- Know and understand how to present ideas both in 2D and 3D format. (modelling to include card/wood/polymer/clay/metal)
- Apply techniques and processes to ensure a quality finish
- Know and understand the work of key artists and designers and how the work can be used to inform the generation, development, and refinement of ideas.

Your child will be formally assessed through responses in class, mock examinations, and the GCSE AQA examination in 3D design.

How can you support your child at home?

- Strongly encourage your child to bring their own materials and equipment from home to help you enhance their artistic practice. For example, A sketchbook to capture ideas, 2B-6B pencils, Fine Liners, photographs, brown parcel paper and newspaper.
- Encourage your child to bring protective clothing like an old shirt or apron.
- Encouraged your child to carry out artist research independently to support your project coursework work and visit galleries or places of interest to enhance their learning



Useful links:

<http://www.studiopottery.com>

<https://antoniaaperezstudio.com/section/3589-29-Tissue-Box-Sculptures.html>

<https://pinterest.co.uk>



If you need to ask a question about this subject, contact:
Zainab.Asghar@bbec.bdat-academies.org



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HOME LEARNING

At BBEC we believe every child should be given the opportunity to engage in home learning. Not only will it help with their schoolwork, but it will also embed good habits for future learning and success.

Home learning activities will be planned to link to classroom learning. Revision and retrieval activities may be set as part of this. Home learning booklets may be provided for some subjects, as well as online learning platforms such as SparxMaths and Seneca.

To help engage students in their learning, all home learning will be monitored. Students completing home learning will achieve a positive recognition stamp for completing a piece of homework on time, in full and to a good standard. This will lead to rewards in school assemblies.

We recommend that your child completes their home learning in a quiet place, allowing them to concentrate fully on their home learning activity. At BBEC, an after-school Home Learning Club can be accessed, in the school library. A member of staff will be present to help your child with their questions and ideas. Encouraging your child to attend this club will help them to take ownership of their learning which will enable them to become independent learners.

Individual teachers set home learning through Class Charts, an online recording platform for home learning. Parents and students are able to view the activities which have been set. Your child will be shown how to use Class Charts upon their arrival in school in September.

KS4 Home-Learning Timetable

Subject	Home Learning
English	Two home learning pieces per week
Maths	
Science	
Option Subjects	At least two pieces of home learning every fortnight

