



Boroughbridge
High School

KS4

Options

2021-23



Boroughbridge High School

All Routes

Subject: **Art, Craft & Design**

Qualification: GCSE

Assessment:

Both components are non-exam assessment set and marked by the school and moderated by AQA during a visit.

What is assessed?

You will respond to one chosen starting point from an externally set assignment paper relating to Art, Craft & Design evidencing coverage of all four assessment objectives. You will be given a preparatory period of several months followed by 10 hours of supervised time in May.

Course Outline:

Component 1: Portfolio (60%)

You will produce a portfolio (sketchbook) based a chosen theme that in total shows explicit coverage of the four assessment objectives. It will include a sustained project evidencing the journey from initial engagement to the realisation of intentions and a selection of further work based on a second theme undertaken during your course of study.

Component 2: Externally set assignment (40%)



Boroughbridge High School

All Routes

Subject: **Business**

Qualification: GCSE

Assessment: 2 written exams of 1hr and 45minutes each.

Paper 1: Influences of operations and Human Resource Management on business activity:

- Business in the real world
- Influences on business
- Business operations
- Human resources

Paper 2: Influences of marketing and finance on business activity:

- Business in the real world
- Influences on business
- Marketing
- Finance

Course Outline:

You will apply your knowledge and understanding to different business contexts ranging from small enterprises to large multinationals and businesses operating in local, national and global contexts. You will develop an understanding of how these contexts impact on business behaviour.

The course requires you to draw on your knowledge and understanding to:

- Use business terminology to identify and explain business activity

- Apply business concepts to familiar and unfamiliar contexts

- Investigate, analyse and evaluate business opportunities and issues

- Make justified decisions using both qualitative and quantitative data including its selection, interpretation, analysis and evaluation, and the application of appropriate quantitative skills



Subject: **Computer Science**

Qualification: GCSE

Assessment:

Paper 1: Written examination 1 hour 30 minutes 50%

Paper 2: Practical on-screen examination 2 hours 50%

Course Outline:

Paper 1:

Computational thinking - understanding of what algorithms are, what they are used for and how they work; ability to follow, amend and write algorithms; ability to construct truth tables.

Data - understanding of binary, data representation, data storage and compression.

Computers - understanding of hardware and software components of computer systems and characteristics of programming languages.

Networks - understanding of computer networks and network security.

Issues and impact - awareness of emerging trends in computing technologies, and the impact of computing on individuals, society and the environment, including ethical, legal and ownership issues.

Paper 2:

The main focus of this paper is: understanding what algorithms are, what they are used for and how they work in relation to creating programs, understanding how to decompose and analyse problems, ability to read, write, refine and evaluate programs.

This paper is practical in nature and requires students to design, write, test and refine programs in order to solve problems. They will complete this assessment onscreen using Python programming language.



Boroughbridge High School

All Routes

Subject: **Design Technology**

Qualification: GCSE

Assessment:

Written Exam (50%)

Section A: Core content and Section B: Material category

Non Examined Assessment (NEA) (50%)

Coursework consists of Investigation, Design, Make and Evaluation

Course Outline:

The study of design and technology seeks to prepare you to participate confidently and successfully in an increasingly technological world. It helps you to be aware of, and learn from, wider influences on design and technology, including historical, social/cultural, environmental and economic factors.

Maths skills are fundamental to design and technology. These skills will be embedded in the examination for this qualification.

Science skills, knowledge and understanding underpin the theory and practice of design and technology. These skills will also be embedded in the examination for this qualification.

You will work towards the NEA content of your GCSE from the outset using computer skills, research skills, design skills and practical skills to produce a working prototype for a task to be chosen from three exam board set themes.

Theory will be taught alongside the NEA and will exist in written and practical lessons where most appropriate to the learning.



Boroughbridge High School

All Routes

Subject: **Food Preparation and Nutrition**

Qualification: GCSE

Assessment:

Written exam (50%)

Non Examined Assessment (NEA) Practical (50%)

Task 1 – Food Investigation

Task 2 – Food Preparation Assessment

Course Outline:

Task 1:

You will carry out an investigation into the scientific principles that underpin the preparation and cooking of food. This task will provide you with an opportunity to demonstrate your knowledge and practically apply your understanding of the science behind cooking. You'll practically investigate ingredients and explain how they work and why.

Task 2:

You will plan, prepare, cook and present a 3 course menu. This task will provide you with an opportunity to cook up a storm and showcase their creativity and cooking skills. You might make a street food menu, create delicious tapas dishes or cook up a menu for a student on a budget.

Over the course you revisit their learning of nutritional food, healthy eating and the use of food products to create dishes. You also look further into the creation of dishes for specific reasons or diets and undertake research into the functions of foods in recipes. You are expected to understand the use of food as well as how to prepare it to a good standard with excellent finishing skills.



Subject: **French**

Qualification: GCSE

Assessment:

You will be assessed in 4 skills: Paper 1 Listening, Paper 2 Speaking, Paper 3 Reading and Paper 4 Writing. Each skill is worth 25% of the total GCSE grade.

Course Outline:

You will study 3 key themes which include 4 sub-topics. These topics will apply to all skills and exam papers.

Theme 1: Identity and culture

Topic 1: Me, my family and friends

Topic 2: Technology in everyday life

Topic 3: Free-time activities

Topic 4: Customs and festivals in French-speaking countries

Theme 2: Local, national, international & global areas of interest

Topic 1: Home, town, neighbourhood and region

Topic 2: Social issues

Topic 3: Global issues

Topic 4: Travel and tourism

Theme 3: Current and future study and employment

Topic 1: My studies

Topic 2: Life at school/college

Topic 3: Education post-16

Topic 4: Jobs, career choices and ambitions



Subject: **Geography**

Qualification: GCSE

Assessment: Three external Exams

Paper 1: Living with the Physical Environment

Paper 2: Challenges in the Human Environment

Paper 3: Geographical Applications

Course Outline:

Paper 1: Living with the Physical Environment

Section A - The challenge of natural hazards.

Tectonic and weather hazards, and climate change

Section B – The living world.

Ecosystems and Tropical Rainforests

Section C – Physical landscapes in the UK.

Coastal and river landscapes

Paper 2: Challenges in the Human Environment

Section A – Urban issues and challenges.

Section B – The Changing Economic World.

Section C – The Challenge of Resource Management.

Paper 3: Geographical Applications

Section A – Issue Evaluation

A decision making exercise based upon pre-released information

Section B – Fieldwork

Questions based upon unseen fieldwork data, and data from your own fieldwork



Boroughbridge High School

Purple and
Blue Routes

Subject: **Health and Social Care**

Qualification: BTEC TECH AWARD Level 1/ Level 2

Assessment:

3 components of study totalling 120 hours Guided learning hours. 3 Mandatory Units. Component 1 and 2 are assessed by coursework and component 3 is externally assessed by exam.

Course Outline:

Component 1: Human Lifespan Development

Learning aims A: Understand human growth and development across life stages and the factors that affect it

Learning aims B: Investigate how individuals deal with life events.

Component 2: Health and Social Care Services and Values

Learning aims A: Understand the different types of health and social care services and barriers to accessing them

Learning aims B: Demonstrate care values and review own practice.

Component 3: Health and Wellbeing

Assessment objectives

AO1: Demonstrate knowledge and understanding of factors that affect health and wellbeing

AO2: Interpret health indicators

AO3: Design a person-centred health and wellbeing improvement plan

AO4: Demonstrate knowledge and understanding of how to overcome obstacles relating to health and wellbeing improvement plans



Boroughbridge High School

All Routes

Subject: **History**

Qualification: GCSE

Assessment: Three external exams

Paper 1 – Medicine through Time c1250-present day with Britain on the Western Front in WW1, 1914-1918

Paper 2 – Superpower Relations and the Cold War, 1941-1991 and Early Elizabethan England, 1558-1588

Paper 3 – Weimar and Nazi Germany, 1918-1945

Course Outline:

Medicine in Britain, c.1250 - present day

This topic will study trends in medicine, improvements in the diagnosis of illness, use of new technology, and the role of individuals in driving developments.

Britain on the Western Front, 1914 - 1918

This topic will examine conditions in the trenches, and their impact upon medical care and developments.

Early Elizabethan England, 1558 - 1588

This topic will explore the political, religious and socio-economic issues facing Elizabeth I.

Superpower relations and the Cold War, 1941 - 1991

This topic will cover relations at the end of WW2, causes of the Cold War, the building and fall of the Berlin Wall, Cuban Missile Crisis, and changes under Gorbachev.

Nazi Germany, 1918 - 1945

This topic will investigate economic problems after WW1, the rise of Hitler, young people and minorities in the Nazi state, and the use of propaganda.



Boroughbridge High School

**Blue and
Purple
Routes**

Subject: **ICT (Creative Media Production)**

Qualification: BTEC Tech Award Level 1/ Level 2

Assessment:

One external exam (25%) and 3 units of coursework.

Course Outline:

Unit 1: Exploring Media Products

Unit 2: Developing Media Products

Unit 3: Create a Media Product in Response to a Brief
(External exam)

The course aims to inspire and enthuse you to become producers of technology products and systems and not just consumers. It gives you a more focused understanding of Digital Media through the selection of optional specialist units.

For Unit 1 and 2 you are required to:

Review existing products in that sector producing written reports

Design a solution to a given scenario, creating detailed plans, gathering assets and justifying choices made

Create digital products, developing and testing their work by gathering feedback

The course supports progression into more specialised level 3 vocational courses.



Boroughbridge High School

All Routes

Subject: **Music**

Qualification: GCSE

Assessment:

Component 1 – Performing (30%)

Component 2 – Composing (30%)

Component 3 – Appraising (40%)

Course Outline:

Performing:

Performing on your own and in a group, in any style, any instrument / voice. A minimum of two pieces lasting 4-6 minutes. One piece must be an ensemble piece, and one must be linked to an Area of Study. Grade 3 is the standard level.

Composing Music:

Exploring how music is put together, then when you have learnt some of the techniques, composing your own music. This could include using computer software, writing for a specific purpose, writing songs etc. 2 pieces, one in response to a set brief (there are 4 to choose from), and one free composition in any style.

Appraising Music:

Listening to a variety of music and learning how to identify facts about what you hear. Focus on the elements of music and how they are used for different purposes. A listening exam has 8 questions, 2 on each Area of Study:

Musical Forms and Devices – (including a set work*)

Music for Ensemble

Film Music

Pop music (including a set work*)

* A set work is a piece of music which everybody has to learn about. There is one short classical piece and one Rock /pop song.



Subject: **Performing Arts**

Qualification: BTEC Technical Award in Performing Arts Level 1/
Level 2

Assessment:

One external exam (Component 3 - 40%) and 2 units of
coursework (Component 1 – 30% and Component 2 – 30%).

Course Outline:

Unit 1: Exploring the Performing Arts

You will:

Explore Drama performance styles and how they impact on the performance.

Investigate the work of key Drama practitioners and explore their creative intentions and purpose

Examine the roles of jobs within the Performing Arts industry and how they contribute to performance.

Unit 2: Developing Skills and Techniques in the Performing Arts

You will:

Discover performance processes from first concept to final performance.

Undertake all processes to put on performance to an audience.

Take part in workshops, classes and rehearsals.

Gain physical, interpretative, vocal and rehearsal skills.

Apply these skills in performance.

Reflect on your progress, your performance and how you could improve.

Unit 3: Performing to a Brief

You will:

Use a brief with a vocational context to devise and prepare a piece of drama to be performed to an audience.

Showcase previous learning to come up with ideas for performance.

Build on your skills in classes, workshops and rehearsals.

Review the process using an ideas and skills log.

Rehearse a piece of Drama to be performed to an audience.

Perform a piece to their chosen audience.

Reflect on your performance in an evaluation report.



Subject: **Physical Education**

Qualification: GCSE

Assessment:

- 2 external written exams
Component 1 (36%) and Component 2 (24%)
- 3 practical performances
1 team sport, 1 individual sport and one free choice (30%)
- Personal Exercise Plan (10%)

Course Outline:

- Component 1:
Fitness and Body systems – This includes: Applied anatomy and physiology, Movement analysis, Physical training and Use of data.
- Component 2:
Health and Performance – This includes: Health, fitness and well-being, Sports psychology, Socio-cultural influences and Use of data.
- Component 3:
Practical Performance – You must participate in three separate activities. In lessons we will cover a range of sports. You will be at an advantage if you play sport for a team or compete in an activity outside of school or represent the school in any team / individual activity.
- Component 4:
Personal Exercise Plan – students will plan, analyse and evaluate their own exercise plan.



Boroughbridge High School

All Routes

Subject: **Religious Studies**

Qualification: GCSE

Assessment: Two external exams

Course Outline:

The course is split into two separate papers: Paper 1: Study of Religion and Paper 2: Thematic Studies in Contemporary Issues.

Paper 1:

Paper 1 involves studying the beliefs and practices of two major world faiths. The religions studied are Christianity and Sikhism.

You'll study the main beliefs of these faiths, looking at their views on the nature of God, creation of the universe, the afterlife and ways of living a good life. When studying Christianity, you'll learn about the role of Jesus in the religion and in your study of Sikhism you'll find out the key teachings of the Sikh Gurus. You'll also study the ways in which each religion expresses their beliefs through various forms of worship and service of others. You'll consider some of the challenges of belonging to each religion as well as the positive impacts these faiths can have.

Paper 2:

Paper 2 consists of studying four broad themes of contemporary moral issues, considering religious and secular arguments in relation to each. The four themes are:

- Relationships and Families
- Religion and Life
- Peace and Conflict
- Crime and Punishment



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All Routes

Subject: **Spanish**

Qualification: GCSE

Assessment:

You will be assessed in 4 skills: Paper 1 Listening, Paper 2 Speaking, Paper 3 Reading and Paper 4 Writing. Each skill is worth 25% of the total GCSE grade.

Course Outline:

You will study 3 key themes which include 4 sub-topics. These topics will apply to all skills and exam papers.

Theme 1: Identity and culture

Topic 1: Me, my family and friends

Topic 2: Technology in everyday life

Topic 3: Free-time activities

Topic 4: Customs and festivals in Spanish-speaking countries

Theme 2: Local, national, international & global areas of interest

Topic 1: Home, town, neighbourhood and region

Topic 2: Social issues

Topic 3: Global issues

Topic 4: Travel and tourism

Theme 3: Current and future study and employment

Topic 1: My studies

Topic 2: Life at school/college

Topic 3: Education post-16

Topic 4: Jobs, career choices and ambitions



Subject: **Travel and Tourism**

Qualification: BTEC Level 1/ Level 2 Technical Award

Assessment: One External exam, Two Internal assessments

Graded as Pass, Merit, Distinction, Distinction*

Course Outline:

You will study three components for this course.

Component 1: Travel and Tourism Organisations and Destinations

Learners will investigate travel and tourism organisations, their aims and how they work together. They will explore types of travel and tourism and the features that make destinations appealing to visitors.

This Component is assessed internally by an assignment.

Component 2: Influences on Global Travel and Tourism

Learners will explore the different factors that may influence global travel and tourism, and how the travel and tourism organisations and destinations respond to these factors. Learners will examine the potential impact of tourism at global destinations and how destinations can manage the impact of tourism and control tourism development to achieve sustainable tourism.

This component is assessed externally by an exam.

Component 3: Customer Needs in Travel and Tourism

Learners will investigate how organisations use market research to identify travel and tourism trends, and customer needs and preferences. They will apply their understanding by selecting products and services, and planning a holiday to meet customer needs and preferences.

This component is internally assessed by an assignment.



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Subject: **English Language**

Qualification: GCSE

Assessment:

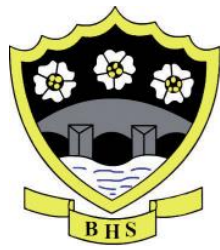
Paper 1: Explorations in creative reading and writing (50%)

Paper 2: Writers' viewpoints and perspectives (50%)

Course Outline:

You will sit 'Explorations in creative reading and writing' and 'Writer's viewpoints and perspectives'.

Both of these exam papers involve looking at unseen passages, responding to questions and producing a piece of writing.



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Subject: **English Literature**

Qualification: GCSE

Assessment:

Paper 1: Shakespeare and the 19th-century novel (40%)

Paper 2: Modern texts and poetry (60%)

Course Outline:

You will sit 'Shakespeare and the 19th Century Novel' and 'Modern Texts and Poetry'. For the first of these, students will be expected to analyse an extract of William Shakespeare's *Macbeth* plus making additional reference to the play as a whole.

You will also write about an extract of *Strange Case of Dr Jekyll and Mr Hyde* by Robert Louis Stephenson as well as exploring the whole novel.

On the second exam, you will write an essay response to Willy Russell's *Blood Brothers* on a theme from the play, as well as analysing poetry from the AQA anthology Poems: Past and Present in addition to responding to unseen poems.



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Subject: **Mathematics**

Qualification: GCSE

Assessment: 3 external exams

Paper 1: No calculator permitted

Paper 2: Calculator permitted

Paper 3: Calculator permitted

Course Outline:

You will study a full range of topics within Number, Algebra, Geometry and Measures, and Data Handling across Years 10 and 11 building on skills learnt in Key Stage 3.

There will be an emphasis on developing problem solving strategies to deepen subject knowledge.



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Subject: **Biology**

Qualification: GCSE

Assessment: 2 external exams

Practical Activities: You will take part in several required practical activities that will be assessed in the exams at the end of the course.

Course Outline:

You will study the central aspects of Biology across 8 units:

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology
8. Key Ideas



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Subject: **Chemistry**

Qualification: GCSE

Assessment: 2 external exams

Practical Activities: You will take part in several required practical activities that will be assessed in the exams at the end of the course.

Course Outline:

You will study the central aspects of Chemistry across 10 units:

1. Atomic structure and the periodic table
2. Bonding, structure, and the properties of matter
3. Quantitative chemistry
4. Chemical changes
5. Energy changes
6. The rate and extent of chemical change
7. Organic chemistry
8. Chemical analysis
9. Chemistry of the atmosphere
10. Using resources



Boroughbridge High School

Subject: **Physics**

Qualification: GCSE

Assessment: 2 external exams

Practical Activities: You will take part in several required practical activities that will be assessed in the exams at the end of the course.

Course Outline:

You will study the central aspects of Physics across 8 units:

1. Energy
2. Electricity
3. Particle model of matter
4. Atomic structure
5. Forces
6. Waves
7. Magnetism and electromagnetism
8. Space physics



Subject: **Trilogy Science**

Qualification: Double award GCSE

Assessment:

6 external exams: 2 in each of Biology, Chemistry and Physics

Practical Activities: You will take part in several required practical activities that will be assessed in the exams at the end of the course.

Course Outline:

Pupils will study the 3 central pillars of Science: Biology, Chemistry and Physics across 24 units:

Biology

Cell biology, organisation, infection and response, bioenergetics, homeostasis and response, inheritance, variation, evolution and ecology

Chemistry

Atomic structure and the periodic table, bonding, structure, and the properties of matter, quantitative chemistry, chemical changes, energy changes, the rate and extent of chemical change, organic chemistry, chemical analysis, chemistry of the atmosphere and using resources

Physics

Energy, electricity, particle model of matter, atomic structure, forces, waves, magnetism and electromagnetism