



# **KEY STAGE 4 GUIDED CHOICES BOOKLET**

**Information about the Key Stage 4 Curriculum 2023-2026  
and  
Courses beginning in September 2023**

**Name** \_\_\_\_\_

**Form** \_\_\_\_\_



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# CURRICULUM CHOICES AT KEY STAGE 4

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Dear **Student**,

Choosing the GCSE courses you will study for the next three years marks an exciting phase in your life. It is the period when you build on your earlier learning and prepare for adult life, post 16, university, higher education and employment. This is a great opportunity for you to select and design part of your own curriculum through to Year 11 at Dixons City Academy.

You will not have complete freedom to choose all your subjects. English, Maths, Science, Spanish and Religious Education remain compulsory and you will continue to study PDS and Physical Education. All GCSE / Vocational courses will begin in Year 9 and continue through to the end of Year 11.

We offer a highly personalised approach, where we use Year 8 Cycle 1 assessment data and information about your preferences to advise you on the best route for you that will lead to greatest success.

You will have listened in the assembly and watched the subject video clips that explains the Key Stage 4 curriculum in more detail. You will complete a pre-interview form that tells us more about you as an individual. A member of the senior staff will interview and talk to you about the variety of choices available to you. It is important now that you discuss your subject choices with your parents and teachers in preparation for your interview during week 4 / 5 of this term.

Your final form will need to be returned to your form tutor (after your interview) on or before **Monday 27 March 2023**.

**Mr I Radcliffe**

Assistant Principal

([iradcliffe@dixonsca.com](mailto:iradcliffe@dixonsca.com))



## TIMELINE

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During the year students consider careers guidance in PDS lesson with form tutor.

### **Week beginning 27 February**

Tuesday 28 February - Year 8 consultation evening, presentation to parents.

Thursday 2 March – Assembly to launch the guided choices process.

### **Week beginning 6 March**

During the week students will be shown video clips about the subjects available. Along with the guided choices booklet students can start to explore which subjects they would like to study to GCSE level.

In PDS on Thursday, form tutors will support you with completing the form in preparation for your interview.

### **Week beginning 13 March**

Continue to do your research, read the through the booklet and watch the videos. These are important decisions as these are the subjects you will study for the next 3 years.

### **Week beginning 13 / 20 March**

Guided choices interview with a senior member of staff to support the decision-making process. Make sure you are prepared and have done your research for this meeting. Take your form with you to this meeting.

### **Monday 27 March 2023**

Final Guided Choices form to be handed in; to form tutor or box outside Mrs Orton's office.

### **Term 6**

Letter confirming subject choices will be sent home after the cycle 3 assessments. It is important that once the subject choices have been made and discussed that students continue to show excellence and determination in all subjects as the final decision as to what the students will study from year 9 onwards will not be confirmed until July 2023.

# TYPES OF QUALIFICATION



## GCSEs

**English Language, English Literature, Mathematics, Geography, History, Biology, Chemistry, Physics, Combined Science, Spanish, Computer Science, RE, Design and Technology, Art and Design, Drama and Music.**

GCSE qualifications run for the above subjects; the grading scale was introduced in 2017 and uses the numbers 9 – 1 instead of A\*-G with 9 being the top grade. Students will get a U where performance is below the minimum required to pass the GCSE. Most GCSE courses are linear, with all assessments at the end of the course.

Subjects that still include non-examined assessment (NEA) are;  
Art, Design Technology, Drama and Music.

Old grades	New grades
A*	9
A	8
B	7
C	6
	5 STRONG PASS
	4 STANDARD PASS
D	3
E	2
F	1
G	1
U	U



# TYPES OF QUALIFICATION

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## Vocational Qualifications

Vocational qualifications provide a nationally recognised, work-related focus that help to develop knowledge, skills and understanding relevant to a broad vocational area and encourage independent learning in practical contexts. BTEC Level 2 First Award involves a number of units, usually 3 and are undertaken throughout the duration of the course. The majority of these units will be internally assessed and externally verified. 40% of the qualification will be externally assessed.

The qualification is graded at level 1 and level 2.

- Level 2 Pass, Merit, Distinction or Distinction\* (Grade 4 / 5 and above)
- Level 1 Distinction, Merit, Pass (Grade 3 and below)

The following are the vocational courses available at Dixons City Academy.

## Digital Information Technology

### BTEC First Award (Level 1/2)

<https://qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology.html>

**Parents' Guide** to BTEC qualifications

<http://qualifications.pearson.com/en/about-us/qualification-brands/btec.html>

## Health & Social Care, Sport Studies

### Cambridge Nationals (Level 1/2)

<http://www.ocr.org.uk/qualifications/by-type/cambridge-nationals/>

# Guided Choices - Subject Combinations

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We want students to choose subjects based on what they are **good** at and what they **enjoy** but also ensuring a broad range of subjects. Students also need to consider the following, which is why we expect that all students will study Geography or History and most will study a language.

## English Baccalaureate (EBacc)

The English Baccalaureate is currently the achievement of the following subjects at grade **5** or above:

- English Language and English Literature GCSE
- Maths GCSE
- Science GCSE - Combined or Triple Science (Biology, Chemistry and Physics)
- Geography or History GCSE
- Spanish GCSE

*This is not a standalone qualification nor is an extra certificate given; it is recognition of achieving a high standard across this range of subjects.*

## Curriculum Personalisation

It is important that each student reach their potential by the end of Year 11. The curriculum is personalised for each student to enable this. Instead of Spanish a few students may continue to do additional Maths and/or English. When students have their Guided Choices interviews, this will be discussed. We encourage students to follow a broad and balanced curriculum that will keep doors open for the future, whichever career path they follow.

## Foundation Learning Curriculum

The Foundation Learning curriculum is for students who may need a further personalised curriculum by taking a mixture of GCSE and entry level courses. This ensures achievement in a range of subjects. The programme is reviewed each year so that it is suitable for the needs of the students following it.

# Guided Choices - Subject Combinations

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This is the point where students now have some choices to make. It is important that they have done their research and thought about what they are good at and what they will enjoy.

Students have **three** choices to make:

## 1. Humanities

All students choose either **Geography** or **History**.

Study carefully the content of each course, as your interest and potential enjoyment in studying these topics for these courses are important part of this decision.

## 2. Two other option subjects

Art, Computer Science, Drama, Health and Social Care, IT, Music, Product Design, Sports Studies, Triple Science

Students then need to make two further choices from this list.

Art
Computer Science or Digital Information Technology
Drama
Health & Social Care
Music
Product Design (DT)
Sports Studies
Triple Science ( <i>Recommended students only</i> )
Geography / History *

*\*Geography / History may be available if students want to study both of these subjects. This can only run as an option if there are at least 20 students who want to do this.*

*Based on the student choices these subjects will be put into two blocks. Some subjects will be blocked against each other and if there is a clash where there is only one class for each subject, I will discuss this with the students involved.*



## Key Stage 4 Curriculum 2023 - 2026

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The curriculum you will study for the next 3 years will consist of:

Key Stage 4 - Subjects/Courses	Number of lessons per week
English Language and English Literature	5-4
Maths	5-4
Science – Combined Science	5
Spanish	2.5
RE	1.5
Core PE	2
PDS	1.5
Robust Reading	2.5
Option 1 – History or Geography	2.5
Option 2	2.5
Option 3	2.5

# Making Informed Choices

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## Guided Choices

Start with what you have been recommended to do. You have been recommended those courses based on your potential and your future in mind.

- Be guided by:
  - What you are doing well at, look at how you have done in assessments.
  - What you **enjoy**.
  - What you **good** at.
  - What you not so good at.
  - The combined workload of the subjects you are wanting to do.
- Do your research:
  - What is involved in studying the subject?
  - What are you hoping to study after your GCSEs?
  - How will subject choices affect your post 16 choices?
  - What career paths are you thinking about?
  - Will a subject enhance your career and higher education aspiration?
- Talk to your parents.
- Talk to your teachers.
- Don't pick something just because you think it is going to be less work or easy.
- Don't choose a subject because your friends are choosing it, you may not be in the same class!

## Remember...

Try not to narrow down your options too much and keep a range of subjects.

## Informed Choices...thinking ahead to university

The following document advises on subject choices if considering the Russell Group of universities.

<https://russellgroup.ac.uk/policy/publications/informed-choices/>



## GCSE ART & DESIGN [Option]

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The GCSE course provides you with a wide range of exciting and creative opportunities to explore your interests in Art, Craft and Design. You will have more time to develop ideas and subject knowledge as well as building skills with different materials to produce fantastic outcomes that reflect *your* thoughts and feelings. The Creative Industries is the second largest contributor to the UK economy and offers a huge range of clear and exciting career paths. Some of our past students have gone on to incredible success in these fields; Computer Graphics, Web and Games Design, Architecture, Graphic Design and Illustration, Make-up Artist and Special Effects, Ceramics and Fashion, + many more!

In **Year 9**, you will have a chance to work with a range of new materials and processes, working on individual and group projects to increase your skills and confidence.

In **Year 10 and 11**, you will develop your portfolio with a range of work using a wide variety of materials including: drawing, photography, painting, ceramics and computer graphics. This will enable you to record your ideas and allow you to show how you see the world around you in a variety of ways.

### ASSESSMENT

**Portfolio:** 60% of your mark. Completed by the end of Term 2 in Year 11.

**Externally Set Task:** 40% of your mark. An extended project, which starts in Term 3 of Year 11, chosen from a range of questions, ending in 10 hours to produce a final outcome under exam conditions. Completed for assessment by the end of term 5 in Year 11.

### HOW IS IT DIFFERENT FROM Y7/8?

There is more time to develop projects and skills alongside others who have *chosen* to study Art and opportunities to express ***your own*** ideas visually. You will spend time improving and building practical skills and doing lots of drawing and writing about art.

### WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL AT THE SUBJECT?

Good art skills. A love of drawing. Motivation, commitment. Creativity and imagination!

### THE FUTURE

You will produce a portfolio of work to support progression routes in Art and Design as well as improving your haptic skills and visual acuity.

For further information visit the following web address:

<http://www.aqa.org.uk/subjects/art-and-design/gcse>

**Further information is also available from Ms Everiss**

# COMPUTER SCIENCE GCSE [Option]



In Year 9, you will study **Unit 1 Computer Systems and Programming using Python**. For unit 1 you will learn about computer hardware and software; how a computer processes and stores data. You will learn about data representation, conversion of binary to denary and vice versa. You will learn about computer networks and the use of computers in the wider world along with how to keep computer systems secure.

In Year 10 and 11, you will study **Unit 2 Computational thinking, algorithms and programming**. Problem solving skills are particularly important for this unit. For the programming element, you will continue to develop your Python skills and will be presented with problems to solve; analysing, designing, programming, testing and evaluating solutions to problems.

## ASSESSMENT

### Unit 1 Computer Systems

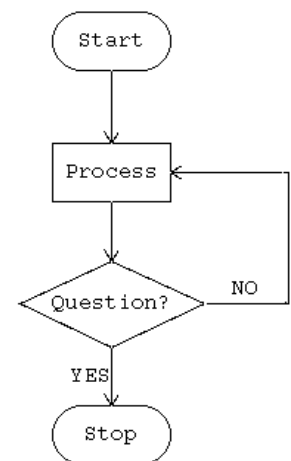
Examined Unit – 50%, 1 hour 30min written exam paper

### Unit 2 Computational thinking, algorithms & programming

Examined Unit – 50%, 1 hour 30min written exam paper

## HOW IS IT DIFFERENT FROM Y7/8?

In Y7/8 ICT is about experiencing both IT and computer science. This course will focus specifically on how computers work and computer networks work and programming.



## WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL AT THE SUBJECT?

You need to be passionate and enthusiastic about computers and how they work. It may be that you have started to program independently at home. You need to have the ability to break down problems, to solve problems and come up with solutions. You also need to have an interest in the wider uses of technology.

## THE FUTURE

This course could lead to a career in IT, more specifically programming. There is currently a shortage in some IT professions such as Cyber Security. It is a course that develops problem solving skills which are useful for any type of career.

For further information, visit the following web address:

<https://www.ocr.org.uk/qualifications/gcse/computer-science-j277-from-2020/>

**Further information is available from Miss Hussain / Mrs Orton**



## DRAMA GCSE [Option]

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GCSE Drama includes the following:

- Exploration of characters, practitioners and styles through practical work and written theory.
- Rehearsal, performance and evaluation of plays, both scripted and devised.
- Visiting the theatre and studying live productions.
- Research of plays and characters.
- Development of technical / design theatre skills.
- Reading plays and writing essays from the point of view of an actor director and designer.

### ASSESSMENT

The controlled assessment is worth 40% of the final grade. This is a devised piece with a written portfolio and an evaluation that is submitted in Year 11; students can work as actors or designers. Students will explore practitioners and different styles in workshop-style lessons before working independently, developing and rehearsing their plays. The stimuli are set by the exam board and students have to work in a specific style. The assessment is marked by the teacher and moderated by Eduqas.

The exam is in two parts and is worth 60% of the final grade. The first part is a practical performance exam towards the end of the course where an Eduqas examiner marks a polished scripted performance. Students then have a 90-minute written exam: Section A is questions on a set text studied in class; Section B is a Live Theatre Review where students write about play we have seen during the course.

### HOW IS IT DIFFERENT FROM KS3?

- GCSE Drama students have an interest and passion for live theatre and performing.
- There is much more written work, including essay writing.
- More study of technical theatre / design.
- Smaller groups.
- The standard of performance is much higher, and you will spend significantly longer rehearsing.

### THE FUTURE

The GCSE could lead to A level at Post-16. It is a useful qualification for any career choice as it shows students are creative, confident, and able to work independently and as part of a team. Many jobs require a 'role' to be played. Specific jobs for Drama students include Actor, Theatre Designer, Director, Theatre Management, Theatre-in-Education, Technician, Drama Therapist, and Drama Teacher.

**Further information is available from Ms Johnston**

# DESIGN & TECHNOLOGY GCSE [Option]

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GCSE Design & Technology involves a broad approach to the designing and making of innovative and new products. There are a wide range of career opportunities to progress to from product design, construction, engineering and architecture to interior and graphic design.

## Year 9 & 10

This is an exciting and challenging course that studies the world of Design & Technology. The course is biased towards 3D. Our projects are always changing due to new technologies and new ideas. Throughout the two years you will develop your knowledge and skills using the latest Computer Aided Design software and manufacture using fantastic equipment such as CNC Routers, Lathes and the latest 3D printing technology. You will of course develop your practical skills using more traditional tools and equipment. In addition to practical projects, you will study the theory side of DT. This will include learning about the development of the latest technologies, material technology (including Smart materials), modern manufacturing and study the work of past designers and present and how they have influenced the world around us. The theory will be assessed through an exam at the end of the course, and we will prepare you for this from the start of the course. Much of your knowledge and understanding of the subject will be gained through designing and making a variety of high quality products. You will have the two years to develop and refine your skills using projects similar to the coursework project (NEA, Non examined assessment). This will ensure that you are fully ready to start in Year 11.

## Year 11

At the beginning of the year you will start your NEA. This will be a project based task set by the Exam board, where you will design and make a product, evidencing it within an electronic document.

## ASSESSMENT

**Coursework:** the NEA is worth 50% of the final grade. This will include a design folder (e-portfolio) and a manufactured product which you are fully able to test.

**Examination:** is worth 50%, of the final grade. This consists of one, 2 hour exam paper which covers questions, design work on materials, products, and design and manufacturing.

## HOW IS IT DIFFERENT FROM KS3?

The biggest difference between GCSE and KS3 is that it is personalised. You have more freedom and time to design and develop a product within the design brief.

Which allows you to develop independence and allow you to undertake bigger projects in more depth.

## **WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?**

### **To be successful in GCSE Design & Technology you should be:**

- Creative,
- Enjoy making & developing things,
- Enthusiastic
- Inquisitive.

### **GCSE Design & Technology will develop the following skills:**

- Problem Solving,
- Independence,
- Time management skills,
- Analytical.

## **THE FUTURE**

At Post 16 you could go on to study A level Product Design specialising in 3D materials and will have the opportunity to work with up to date technology, software and equipment. There are many careers related to Design and Technology; agriculture, engineering and construction to healthcare and the food and drink industries.

### **3D MATERIALS**

- Architect
- Civil Engineering
- Mechanical and Electronic Engineering
- Product Designer
- Software Engineering
- Graphic Designer
- Medical engineering

It is an exciting course and our previous student successes can be seen on the DT corridor. Please come and have a look to see where GCSE Design & Technology can take you on our career line!

For further information about the specification visit the following web address:  
[www.aqa.org.uk](http://www.aqa.org.uk)

**Further information is available from Mrs Higgins and any of the D&T Staff.**



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## English Language GCSE will:

- Encourage students to read a greater range of high quality challenging literature and non-fiction texts from a range of genres and types.
- Reading and writing will be equally weighted.
- Have a greater focus on making sure that students are able to write clearly and accurately, in good Standard English. There will be an increased emphasis on spelling, punctuation and grammar.
- Writing tasks will ask students to be thoughtful and independent writers who can 'design' writing pieces appropriate to a purpose and audience.
- Speaking and Listening will be assessed by teachers through a single presentation. Students will be awarded either a Distinction, Pass or Merit endorsement to sit alongside their English Language qualification. The assessment covers the key skills of:-
  - Presenting
  - Responding to questions and feedback
  - Use of Standard English

## ASSESSMENT

Assessment will be via two equally weighted examinations of 1 hour 45 minutes each. The overall qualification will be graded 9-1 where 9 is the highest grade and 1 is the lowest.

## HOW IS IT DIFFERENT FROM KS3?

The skills you will be using will be the same as KS3. In your cycle assessments you have experienced GCSE style questions. We will be building on these skills and stepping up the level of challenge through the reading material. In your writing, the emphasis is very much on making the right choices for each piece according to the purpose and audience of the text. Your writing needs to be 'crafted' and 'designed' – so you need to be able to make decisions independently about effective vocabulary, sentence constructions and appropriate techniques to engage your reader.

## WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?

- To interpret reading materials and select supporting evidence.
- To organise ideas into clear written pieces adapted to purpose and audience.
- Secure technical accuracy in written communication and the ability to use a range of sentence constructions to communicate your ideas.
- To speak and listen effectively; participating in discussions and promoting a personal viewpoint.

## THE FUTURE

Most courses or employers will look for at least a 4 / 5 grade equivalent pass or above in English Language to stay on and study English Language and / or English Literature at Post 16, students will need to achieve at least a 6 grade in English Language. In addition, students would be able to progress to further studies or education in this field.

<http://www.aqa.org.uk/subjects/english/gcse/english-language-8700>



## ENGLISH LITERATURE GCSE

This course is taught as dual entry with English Language. For English Literature students will be required to study:

- A 19th Century novel.
- A Shakespeare play.
- A selection of poetry from 1789 (from a set Anthology)
- British fiction/drama from 1914 onwards.

### ASSESSMENT

Assessment will be via two examinations at the end of the course. The first examination will be extract based and focus on the set 19th century novel and Shakespeare text that has been studied. This examination is 1 hour 45 minutes. The second examination is 2 hours and 15 minutes. For this examination, there are 3 sections. The first section will require students to answer on their set text for modern drama / prose. Section B will be a comparison essay on the poetry studied in class in the Anthology. Section C is a poetry comparison between two unseen poems.

### HOW IS IT DIFFERENT FROM KS3?

The skills you have been developing at KS3 will be further developed. You will learn more technical terminology to help in your analysis and be expected to write more detailed answers. However, the biggest difference is that you will be studying a selection of texts over a longer period of time and have the opportunity to really get to know them.

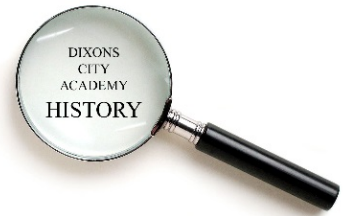
### WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?

- Secure analytical skills and the ability offer personal interpretations.
- Effective strategies for note-taking and organising ideas so that set texts can be understood deeply in preparation for the examinations.
- Motivation and discipline – set texts will need to be re-read and additional research undertaken to really push for the top marks.
- Good time management skills for the examination – particularly Paper 2.

### THE FUTURE

Students taking English Literature may wish to progress to the study of this subject at both Post-16 and University. In addition, the course works very well with subjects such as History, where interesting links can be made.

<http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702>



## Year 9

World Depth Study: *Living Under Nazi Rule, 1933-1945*

(Paper 3)

Thematic Study: *Migrants to Britain, c.1250-present* (Paper 1)

## Year 10

British Depth Study: *The Elizabethans* (Paper 1)

History Around Us: *Fountains Abbey* (Paper 2, includes a field visit to Fountains Abbey)

## Year 11

Period Study: *The Making of America, 1789-1900* (Paper 3)

## ASSESSMENT

- Final written exams, comprising 3 exam papers (100% of the total marks). There is no longer any coursework or controlled assessment.

## HOW IS IT DIFFERENT FROM KS3?

At KS3 aspects of the past are studied more in outline, whereas at KS4 aspects of the past are considered in much more depth, whether that be taking a single area, such as Migrants to Britain, and studying that subject over an extended span of time, or by looking at a particular issue in the past and studying that in considerable depth. There is an increased emphasis on learning a large body of knowledge and then making links and connections across time periods.

## WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?

History is a 'training of the mind'. It develops skills of analysis and critical thinking. History is a good choice if you enjoy reading and finding information. It involves you using information and sources to argue your case and reach your own judgements. This can involve questioning and challenging views from the past, or weighing up the importance of different reasons.

## THE FUTURE

Students choosing to follow a course in History will develop research and presentation skills that are needed in many professions, for example, law or journalism. Many employers value History for the grounding it gives in many key skills such as confident communication and handling evidence. You may also choose to study A level at Post 16. For further information about the current specification visit:

<http://www.ocr.org.uk/qualifications/gcse-history-b-schools-history-project-j411-from-2016/>

**Further information is available from Miss Richardson**



# GEOGRAPHY GCSE [Option]

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## Year 9

Starts with an introduction to Global Geography and our 'shrinking' world, and continues with an introduction to key themes of development, urbanisation, hazards, climate change, resources, biomes and then moves on to looking at the human and physical geography of the UK, including river systems.

## Year 10

Challenge of Resource Management, Development Gap, ecosystems and Tropical Rainforests, Urban Issues and Challenges in Rio, Weather hazards, and Coastal Environments, development in Nigeria.

### Fieldwork in a human and physical environment

## Year 11

Cold Environments, Changing Economy in UK, Tectonic hazards, Urban issues and challenges in London, and finishes with our Paper 3 Issue Evaluation.

## ASSESSMENT

Three exams taken at the end of Year 11. Paper 3 involves pre-released material which requires students to answer questions based on this information. The assessments will be as follows but they are subject to change:

- **Living in the physical environment:** 1hr 30minutes 35% GCSE
- **Challenges to the human environment:** 1hr 30minutes 35% GCSE
- **Geographical applications:** 1hr 15minutes 30% GCSE

## HOW IS IT DIFFERENT FROM KS3?

KS4 enables us to go into more depth on a variety of current world issues from climate change to managing resources for the future and really gets students to consider how our actions **really can** change our world for the better. Key themes of sustainability and development link topics together and give a greater understanding about interrelationships between the man made and physical environment.

## WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?

Geography will suit you if you enjoy learning about our world and keeping up to date with current affairs! It allows you to gain analytical skills and encourages you to consider real solutions for global issues and challenges.

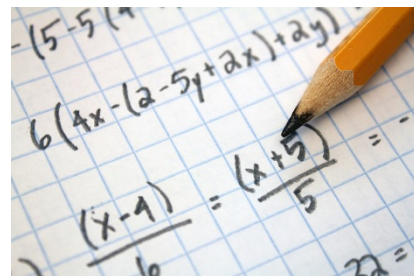
## THE FUTURE

Geography GCSE develops a whole range of skills including numeracy, literacy, teamwork, and analytical skills. GCSE Geography is a stepping stone to a whole range of future opportunities including journalism and media, law, engineering, business management, environmental management, planning, marketing, recreation and tourism. It can also be taken as a subject at A Level.

For further information about the syllabus visit [www.aqa.org.uk/subjects/geography](http://www.aqa.org.uk/subjects/geography)

**Further information is available from Miss Firth**

# MATHEMATICS GCSE



All students will take the linear GCSE course which has three examination papers, each contributing  $33\frac{1}{3}\%$  of the final grade. Students will take the three papers (one without a calculator, two with) at the end of Year 11.

There are two levels of entry: Higher and Foundation. Students will be awarded a Standard from 1 to 9 under the new GCSE grading system, 9 being the highest grade and 1 being the lowest grade. The Foundation tier is graded from 1 to 5, and the Higher tier from 4 to 9.

Students will be assessed on the following areas of mathematics:

- |                                          |                          |
|------------------------------------------|--------------------------|
| 1. Number                                | 4. Geometry and Measures |
| 2. Algebra                               | 5. Probability           |
| 3. Ratio, Proportion and Rates of change | 6. Statistics            |

The department is able to purchase revision guides and workbooks at reduced prices compared to retail shops. These can be bought from the Mathematics Office and are recommended for students who wish to practise mathematics outside the classroom. The department organises a series of revision classes in Year 11 leading up to the final examinations, which are run after school and available to any student, by each class teacher.

## HOW IS IT DIFFERENT FROM KS3?

Mathematics does not vary significantly from KS3 to 4 and skills practised in KS3 will be required and built upon in KS4.

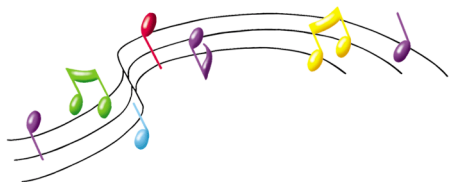
## WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?

The Mathematics GCSE is designed to be demanding and rigorous. To be successful students need to work diligently throughout Years 9-11, revise concepts regularly, complete homework to the best of their ability, persevere and have resilience. A sound grasp of algebra and number is key as these topics account for more than 50% of the assessment.

## THE FUTURE

GCSE Mathematics at grade 5 or above is a requirement for the majority of advanced courses at post 16. Students may also wish to study mathematics at Post-16, the current required grade to do this is a 7.

<http://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html>



## MUSIC GCSE [Option]

The Edexcel GCSE Music specification is based on three musical components; performing, composing and listening to and appraising/evaluating music. For performance you must be able to produce a recording of a solo piece and also an ensemble piece. During the course you are required to write two pieces of composition; one to a brief and one free composition in your own style. You will also become more familiar with the theory of music, how to respond to and evaluate music and how to write extended responses to questions about some of the set works of the particular areas of study using musical language, which will cover the following: Vocal music, Music for Stage and Screen, Instrumental Music 1700-1820 and Fusions. The set works related to these areas of study are widely varied and range from works by JS Bach and Beethoven through to popular music by Queen and film music from Star Wars.

### ASSESSMENT

**Composition** – the two pieces are worth 30% of the overall mark and the work for these will be split across Year 10 and Year 11 after some skills development and preparation work in Year 9.

**Performance assessment** – to be completed during Year 11 – 30% of total marks.

**Listening and appraising written exam** – May / June of Year 11 – 40% of total marks.

### HOW IS IT DIFFERENT FROM KS3?

There is an expectation that you learn to play an instrument or sing. Due to the high percentage of composition work and the challenges of the written paper there is an increased emphasis on theory of music and accurately notating music and more extended written work utilising musical language and understanding. To support the development of theory knowledge students work through the Associated Board of the Royal School of Music Theory books and have the opportunity to take external exams up to Grade 5 level. Students have the opportunity to attend after school Theory classes to support them with their Theory work.

### WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?

As the assessment requires you to be secure across all aspects of music it is advisable that you feel relatively comfortable with performing, composing and listening to / responding to music. It is essential that you either play an instrument or have the enthusiasm and desire to learn as soon as you embark upon the course, as 30% of your overall mark is dependent upon your skills in this area. It is highly recommended that you attend an extracurricular activity to help with preparation and confidence with performing.

### THE FUTURE

Students who have studied GCSE Music may progress to study A level Music or BTEC Performing Arts. It would suit employment that involves musical knowledge or interest. It is also useful for any form of employment, as you will develop teamwork, decision-making, creativity, and confidence skills.

**Further information is available from Dr Lowther**



All students start GCSE RE (AQA Specification) at the beginning of Year 9.

## **COURSE CONTENT**

All students will study RE at GCSE (Full Course).

### **Short Course (taught in one lesson a week)**

Throughout Year 9, 10 and 11 you will study two units:

Unit 1 – An in-depth study of Islamic and Christian beliefs

Unit 2 – Study of two philosophical and ethical issues relating to family and relationships, peace and conflict, crime and punishment and religion and life.

## **ASSESSMENT**

Two exams at the end of Year 11.

## **HOW IS IT DIFFERENT FROM KS3?**

GCSE covers 2 religions in much more depth. It is a rigorous study of Islam and Christianity and deals with a number of concepts and beliefs you will not have studied at KS3. Unit 2 covers a variety of philosophical and ethical issues, which you will not have covered before.

## **WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?**

You should have an interest in the world around you and the views of different people. You should have a willingness to discuss and debate and to think about your own opinions on a range of philosophical, ethical, non-religious and religious arguments, ideas and theories.

## **THE FUTURE**

Religious Studies is an interesting course that is focused on looking at issues in today's world. It is an ideal area of study for those jobs that include working with people such as teaching, medical profession, law, media etc. However, it does not limit potential career options. For further information about the syllabus visit the following web address:

<http://www.aqa.org.uk/subjects/religious-studies/gcse>

**Further information is available from Mrs Syeda**



## GCSE Combined Science

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Students taking GCSE Combined Science will study a combination of Biology, Chemistry and Physics topics adding up to two GCSEs. With the new GCSE specifications there is a greater emphasis on mathematical skills and increased content.

### **ASSESSMENT**

Students will be awarded two grades from 9-9 to 1-1. All exams will be taken at the end of Year 11. Practical skills are crucial to students' progress and will be assessed through exam questions.

### **HOW IS IT DIFFERENT FROM KS3?**

Many topics studied at GCSE will be covered to a greater depth than at KS3. Often with more emphasis on analysis, evaluation, and numeracy skills. These skills are highly prized by employers. There are also new topics such as genetics, electromagnetism and radioactivity.

### **WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?**

All Science subjects require problem solving, ability to communicate, practical and maths skills, as well as the ability to recall and apply scientific ideas learnt during the course.

### **THE FUTURE**

This course is suitable if you are planning to take A level Biology, Chemistry or Physics, or any other scientific post 16 course such as Applied Science or Forensics. There are many careers in science, such as medicine, engineering, pharmaceuticals, aeronautics, environmental, architecture, electronics to name a few. The entry requirements for A level Science courses are usually at least a grade 6-6 in GCSE Sciences as well as a grade 6 in English language and Maths.

For further information about the syllabus, visit the following web address:

<http://www.aqa.org.uk/subjects/science>

**Further information is available from Mr Ahmed**

# **Triple Sciences GCSE [Option]**

## **– Biology, Chemistry & Physics**



Students follow a course which consists of Biology, Chemistry and Physics topics. With the new GCSE specifications there is a greater emphasis on Mathematics skills and increased content.

### **ASSESSMENT**

Students will be able to achieve independent grades in GCSE Biology, Chemistry and Physics from 9-1. In common with all GCSE subjects, all exams will be taken at the end of the course, which will be in the summer term of Year 11. Practical skills are crucial to students' progress and will be assessed through exam papers.

### **HOW IS IT DIFFERENT FROM KS3?**

Many topics studied at GCSE will be covered to a greater depth than at KS3. Often with more emphasis on analysis, evaluation, and numeracy skills. These skills are highly prized by employers. There are also extra topics such as genetics, organic chemistry and space.

### **HOW ARE COMBINED AND TRIPLE SCIENCE DIFFERENT?**

Triple Science involves more science content, including some of the most demanding topics, and longer exams. It leads to one more GCSE than Combined Science.

### **WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?**

You need to be currently showing excellent attainment in English, Maths and Science. You also need to be passionate about Science as you will be studying Science for more than 7 hours a week. All Science subjects require; problem solving, ability to communicate, practical and maths skills, as well as the ability to recall and apply scientific ideas learnt during the course.

### **THE FUTURE**

This course is suitable if you are planning to take A-level Biology, Chemistry or Physics. There are many careers in Science, such as medicine, engineering, pharmaceuticals, aeronautics, environmental, architecture, electronics to name a few. The entry requirements for most A-level Science are currently at least grade 6's in GCSE Sciences as well as a grade 6 in English Language and Maths.

For further information about the syllabus, visit the following web address:

<http://www.aqa.org.uk/subjects/science>

**Further information is available from Mr Ahmed**



## Spanish GCSE

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All students who are currently studying Spanish will continue to take this subject to GCSE.

All skills (listening, speaking, reading and writing) are practised within a number of themes.

Theme 1: Identity and Culture.

Theme 2: Local, national, international and global areas of interest.

Theme 3: Current and future study, and employment.

### HOW IS IT DIFFERENT FROM KS3?

The language becomes more sophisticated and covers a broader range of topic areas.

### WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?

Students who achieve a grade 5 or above:

- Make a consistent effort throughout the course to memorise vocabulary and practise grammar, including regular revision time at home.
- Work independently to thoroughly prepare for examinations.

### ASSESSMENT

All four skills are tested at the end of the course. The exams will take place towards the end of the course in Year 11. They will test a broad range of content. Students will be entered at Foundation or Higher level.

### THE FUTURE

This qualification provides a foundation for the further study of languages at AS and A2. It is the basis of lifelong language learning. It is invaluable for foreign travel. Languages can be studied with many other subjects. Studying a language promotes the development of communicative, interpersonal and presentational skills as well as increasing job opportunities.

[http://www.whystudylanguages.ac.uk/ks4/why\\_languages/](http://www.whystudylanguages.ac.uk/ks4/why_languages/)

**Further information is available from Mr Sandland**

# BTEC Level 1 / Level 2 Tech Award in Digital Information Technology [Option]



In **Year 9** you study Component 1 Exploring the Principles of User Interface Design and Project Planning. **You will explore** user interface design and development principles; **discover** how to develop and review a digital user interface; **investigate** how to use project planning techniques to manage a digital project.

In **Year 10** you will study Component 2 Collecting, Presenting and Interpreting Data. You will explore how data impacts on individuals and organisations; develop a dashboard using data manipulation tools, and draw conclusions and make recommendations on data intelligence.

In **Year 11** you will study Component 3 Effective Digital Working Practices. You will explore how modern information technology is evolving; understand what Cyber Security is and how to safeguard against it, and consider legal and ethical issues in data and information sharing.

## ASSESSMENT

**Component 1** Controlled Assessment – 30%

**Component 2** Controlled Assessment – 30%

**Component 3** Scenario Based External Assessment - (1 hour 30 minutes) – 40%

## WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL AT THE SUBJECT?

You will require basic Computer skills and have an understanding of a range of different software skills. You also need to be motivated and committed – with the ability to be independent.

## The Future

This course could lead to a career in IT. There is currently a shortage in some IT professions such as Cyber Security. It is a course that develops problem solving skills which are useful in a range of careers.

For further information visit the following web address:

<https://qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology.html>

**Further information is available from Miss Hussain**

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You are required to complete 3 units over 3 years:

- ## ASSESSMENT

The qualification is graded at Level 1 and level 2.

- ## SKILLS REQUIRED TO BE A SUCCESSFULL LEARNER

## THE FUTURE

**Further information is available from Mr Ignatowski**

# OCR Cambridge National Level 2 in Sport Studies [Option]

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Learners will cover topical and contemporary issues in sport, including; why people do and do not participate in sport, the promotion of ethics and values, the roles of National Governing Bodies and high profile events have in sport, as well as how technology is used within sport. You will develop skills as a performer in two different sporting activities and learn how to lead sporting activity sessions. You will learn about the relationship between sport and the media through applying this to real life examples you will evaluate and interpret the different ways in which sport is represented by the media, in both a positive and negative way.

Over the three years you will study units from a range of areas including;

- **Contemporary Issues in Sport (60-mark exam)**
- **Performance and Leadership in Sports Activities**
- **Sport and the Media**

## **ASSESSMENT**

Each unit is awarded points at a Pass, Merit, or Distinction grade. At the end of the three years all of the marks/points are totalled to give a final grade. All but one of the units are assessed by a portfolio of work that is internally assessed and externally verified with the other unit being assessed by a written exam. You must complete every unit.

The qualification is graded at Level 1 and level 2.

- Level 2 Pass, Merit, Distinction or Distinction\* (grades 4 to 9)
- Level 1 Pass, Merit, Distinction (grades 1-3)

## **HOW IS IT DIFFERENT FROM KS3?**

This course is very DIFFERENT FROM KS3 PE and not all of the lessons are practical, many lessons are taught in a classroom, where coursework tasks will need to be completed on the content taught.

## **WHAT SKILLS ARE REQUIRED TO BE SUCCESSFUL IN THIS SUBJECT?**

You will learn and develop the following skills; independent and collaborative learning, problem solving, research, self-assessment and interpersonal skills.

## **THE FUTURE**

These skills will help you progress onto further study in the Exercise, Physical Activity, Sport and Health sector. This may be Level 3 vocational qualifications, such as the Cambridge Technical in Sport and Physical Activity, AS or A-Levels, such as Physical Education, Psychology, Sociology, Sport or Media or an apprenticeship in Community activator coach, Leisure team members, Personal trainer or Outdoor activity instructor.

**Further information is available from Mr Ignatowski**

# Notes