

SCIENCE

MATHEMATICS

ENGLISH

HUMANITIES

EXPRESSIVE ARTS

CITY ACADEMY BRISTOL
KS4 OPTIONS 2024/25
INFORMATION & ADVICE

DEAR STUDENTS

Welcome to the KS4 Options Curriculum Booklet, designed to help you make an informed choice on which subjects you'll study from September 2025.

Up until this point, you've been told what subjects you study but for the first time you now have some choice! You may already have a good idea about what you want to study but don't panic if you haven't. This booklet is to help you make your options choices whether you think you've decided or not.

Making these choices is your opportunity to take control of your learning and to begin to shape the way you want your future to be. It is also your chance to start laying the foundations for what you do after leaving school.

There are certain subjects that are compulsory for all students in England, this means that you have to study them! These include; English, Mathematics, Science, PE, PSHE and Careers Education. This provides you with a broad and stimulating curriculum which will be enhanced by the subjects you choose.

When making these choices, consider your strengths, the subjects you enjoy and the potential pathways you may be considering for post-16 and beyond. It is important to make sure that you understand the details of each of the courses that we offer. These details are given in this booklet for every subject and should be something you consider carefully as you make your choices according to your personal strengths. These decisions are important so please make the most of every avenue of support; teachers, other staff, students, family, taster lessons and information events are all available.

NEED SOME HELP?

Your Head of Year, Tutor and subject teachers are all able to offer you advice and guidance. Alternatively you can contact:

Ms Hickey, Vice-Principal, Catherine.Hickey@clf.uk

Mr Clarkson, Year 9 Associate Assistant Principal, Jason.Clarkson@clf.uk

Miss Martin, Careers Co-ordinator, rachel.martin@clf.uk

WHAT WILL YOU STUDY?

All students will study a broad and balanced Key Stage 4 curriculum consisting of:

CORE SUBJECTS

These are subjects that all students must study:

- English
- Mathematics
- Science
- PSHE
- PE



OPTIONAL CURRICULUM

Students are able to choose one Humanities subject, one Language plus two Free Choice Options.

Humanities (choose 1)

Geography
History
Religious Studies

Languages, RS or Computer Science (choose 1)

Spanish
Community Language (Bengali, Panjabi and Urdu)
Religious Studies
Computer Science

Free Choice Options (choose 2)

Art	Hospitality & Catering
ASDAN	Music
Business Studies	PE
Computer Science	Performing Arts
EAL	Photography
Design & Technology	Religious Studies
Further Maths (by invitation)	Spanish
Geography	Sports Science
Health & Social Care	Statistics
History	Separate Science (by invitation)

ADDITIONAL LEARNING

PSHE, work related learning and careers guidance will be facilitated through various enrichment activities / days / weeks throughout the year.

HOW TO MAKE GOOD OPTIONS CHOICES

You are not alone if you find the idea of making your choices a bit scary, but it is actually your opportunity to take control of your education and shape the way you want your future to be.

The options you choose for Years 10 and 11 will affect how you spend your time at school for the next two years. It is important to choose subjects that will interest and motivate you. Spend some time thinking about what you enjoy doing, what you are good at, how you like to learn, what keeps you interested in something and what makes you work hard.

HOW TO CHOOSE AN OPTION

Fact Check: If you don't know about a particular subject ask your subject teacher. No subjects are 'easy' and they all present different challenges.

Enjoyment: Choose subjects you think you will enjoy. This means reading all the information in the options booklet researching content closely and asking teachers and others who know you well for advice.

Aptitude: Choose subjects you think you will be good at. Why do you enjoy particular subjects and how committed are you e.g. drama: have you enjoyed performing previously? Do you like working collaboratively? Are you committed to rehearse for GCSE performance work after school?

Prospects: Think seriously about your future ambitions. You may have a career path in mind. If you do then you should check entry requirements for specific courses at college or university and work back from there.

Balance: If you have no idea what you want to do in the future make sure that the subjects you choose provide a broad and balanced programme.

Independence: Think about what subjects suit you and that you'll get the most out of.

Beware of the traps: Please do not pick a subject because that's what your friends are doing or because you think you'll get your favourite teacher... there is no guarantee you'll get this teacher again next year.

OPTIONS DEADLINE

FRIDAY 11TH FEBRUARY

You should make your choices on the **Microsoft form that will be sent to your school email address** and submit it no later than the 14th of February 2025.



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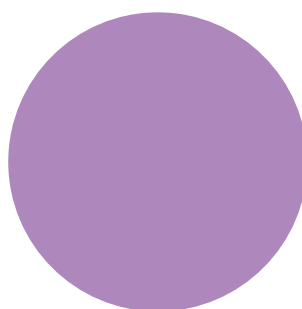


WHAT?

The GCSE Art & Design course is divided into 60% coursework & 40% externally set assignment (exam project).

The course is designed to develop your proficiency in visual language by exploring a range of themes in both 2D & 3D media. We will develop skills in drawing, painting, printmaking, sculpture and anything and everything in between!

You will need to be self-motivated, enthusiastic and committed and if you don't like homework this is probably not the course for you but if you have a creative mind and want to explore lots of materials while building a foundation knowledge of art styles, movements & artists in a practical way then it definitely is!



HOW?

Year 10 is focused on developing your knowledge, skills and understanding in areas including drawing, painting, printmaking, researching and analysis, sketchbook presentation and photography. Themes include: My Environment, Pattern & Print making, Abstract Sculptures and Portraits. This will allow you to develop your visual language, independence and confidence so that in Year 11, you can have more creative freedom.

In Year 11, you will complete one coursework project- we have covered Food, Times & Cultures and Messages in the past. You will also go on a trip to see artworks in a gallery.

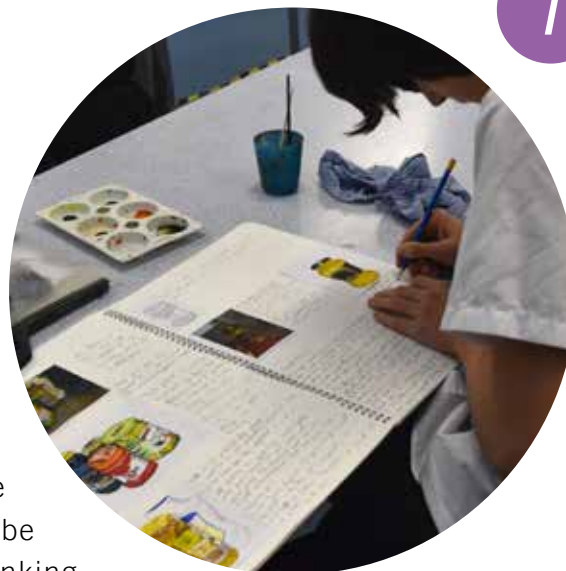
All work completed in lessons and for homework is assessed and includes written and practical work.

After Christmas, you will start the externally set assignment, worth 40% of your GCSE grade, which will lead up to your final practical exam.

WHY?

Art & Design can lead into many areas of education and careers including: Fine Art, Illustration, Architecture, Fashion, Film & TV, Graphic/ Web/ Games/ Interior/ Garden/ Set/ Costume Design and many more.

This course will enable you to develop your creativity and learn to use a wide range of materials and art making techniques so that you can either continue your studies into further education or continue to be creative throughout your life. Either way, creative thinking is a highly valued asset by UK employers.



TRANSFERABLE SKILLS

- Creative Thinking: One of the top skills sought out by UK employers.
- Analytical skills: Transfers to other subjects including English.
- Independent working: Helpful for further study or careers.
- Communication: Verbal, written and visual
- Presentation
- Planning & Organisation skills
- Confidence

POST 16, CAREERS & BEYOND

- A level/ Level 3 courses: Art & Design, Photography, Graphic Design, Fashion, Media Studies, Textiles & more...
- Degree: Fine Art, Photography, Illustration, Graphic Design, Printmaking, Fashion, Animation, Games Design & more...
- Careers in the Creative Industries: Art, Fashion, Design, Photography, Graphic Design, Architecture Digital Media, Film, TV & Media, VR, VFX, Games Design, Animation, Interiors, Garden Design, Costume, Set design

*“Where can it take me?
Where can't it take me more like!”*

Mr Barrett



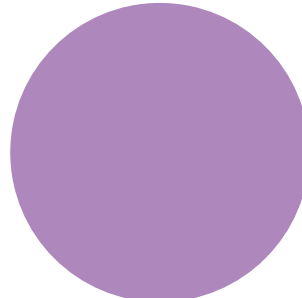
COURSE TITLE	ART & DESIGN		
TEACHERS	MS COPCUTT, MR. BARRETT, MS MCINTOSH		
QUALIFICATION	GCSE	EXAM BOARD	AQA
ASSESSMENT / COURSEWORK	60%	ASSESSMENT / EXAM PROJECT	40%
LESSONS PER WEEK	3	AFTER SCHOOL SUPPORT	YES
HOME LEARNING?	YES		

WHAT?

The Design & Technology course focuses on Product Design. Product design is the process of designing and making new products, or improving existing products. The aim of great product design is to improve people's quality of life and to make the world a better place.

This is a highly creative GCSE with foundations in science and engineering.

Whilst the focus is on creativity, studying D&T for GCSE will enable you to learn a huge range of transferable skills that will help you to better understand the world around you. These skills will support your learning across a variety of subjects both now, in higher education, and on into employment.



HOW?

The course is split between hands-on practical design and making and the discovery and learning of technical knowledge.

You will spend the first year improving your design and making skills whilst learning about; new and emerging technologies, mechanisms, materials, devices, graphic design and branding, printing processes, market research and analysis, sustainable design, smart materials and modern technologies plus moral, social, cultural and environmental considerations relating to product design.

The second year will revolve around your Non Examined Assignment (NEA) and preparation for the final written exam. The NEA is a creative design and make project worth 50% of your final mark.

WHY?

Design & Technology is a great route into a broad range of creative and engineering careers such as: product design, industrial design, user experience design, fashion design, graphic design, architecture and engineering.

The subject can also help deepen understanding around maths and the sciences. In addition to the broad range of transferable skills it can promote a more detailed understanding of, and rewarding relationship with, the increasingly technological world we live in.



TRANSFERABLE SKILLS

- Creative problem solving - one of the top skills looked for by employers in the UK
- Team work - learning to work as part of and to lead teams is a key transferable skill
- IT - online research, digital organisation, cloud based cooperative working systems
- Digital design - broad range of design software
- Communication - verbal, written and visual
- Presentation - digital, drawn and verbal

POST 16, CAREERS & BEYOND

- Design Industries: Product Design, Graphic Design, Industrial Design, User Experience Design, Architecture
- Engineering Industries, Mechanical Engineering, Structural Engineering, Materials Engineering, electrical Engineering
- Environmental Studies
- D&T is also a great companion subject to Art & Design, maths and the sciences

***“You can’t use up creativity.
The more you use, the more you have.”***

Maya Angelou



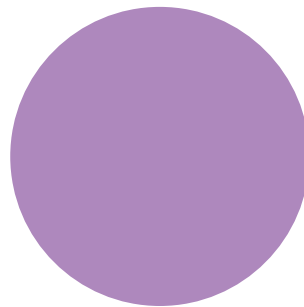
COURSE TITLE	DESIGN & TECHNOLOGY > PRODUCT DESIGN		
TEACHERS	MR. BIRSE, MS GEORGE		
QUALIFICATION	GCSE	EXAM BOARD	EDUQAS
ASSESSMENT / EXAM	50%	ASSESSMENT / COURSEWORK	50%
LESSONS PER WEEK	3	AFTER SCHOOL SUPPORT	YES
HOME LEARNING?	YES		

WHAT?

In Hospitality and Catering you will have the opportunity to practise cooking skills such as preparing and cooking chicken, meat and fish, bread, fresh pasta, pastry, ice cream, cakes and other desserts. All ingredients are halal and are supplied by the school. Students will be encouraged to taste what they have made and some dishes may even make it home for parents to try!

Coursework in year ten includes nutrition, cooking methods, the environmental impact of food, menu writing and time planning in preparation for your making exam at the beginning of year 11.

In year eleven the focus is on theory with a written exam June.



HOW?

Each week you will be cooking a new dish under the watchful eye of a qualified chef (all teachers have extensive restaurant experience). In year ten you will also be completing coursework in the classroom and receiving feedback on how to increase your grade.

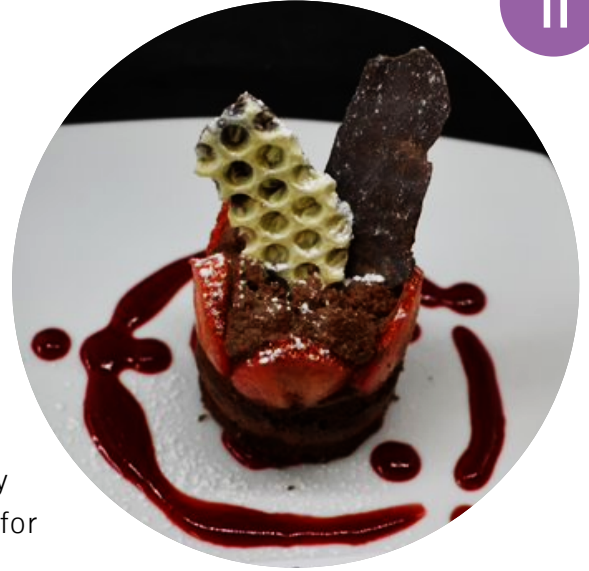
In year eleven, we will look at job roles in the hospitality and catering industry, trends in cooking, food hygiene, health and safety and how a professional establishment works.

WHY?

Most of this course is completed in year ten leaving year 11 to concentrate on your other subjects.

You will be able to feed yourself healthy and budget friendly meals when you leave home and will be at an advantage if you need to get a part-time job while at college.

One in ten jobs in the U.K. are in the hospitality and catering industry with great opportunities for progression and travel.



TRANSFERABLE SKILLS

- Creativity- presentation is a key skill used in a wide range of jobs from florist to business manager
- Organisation- again, essential to nearly all walks of life
- Time management- being organised while working to a deadline will stand you in good stead for future careers
- IT skills
- Health and safety- learn how to analyse risk and avoid accidents.

POST 16, CAREERS & BEYOND

- Apprenticeship as a chef or front of house with one day a week in college
- A level in Cookery at post 16
- National Vocational Qualification in Hospitality and Catering or Cookery at post 16
- University degree in Hospitality and Catering or Hotel Management
- Chef, restaurant manager, receptionist, hotel manager, food stylist, baker, event manager, food product developer and hundreds of other jobs

“Catering is the best lesson of the week. Ms Green and Mr Birse are great teachers and we get to eat what we have made”

Alana Cowell

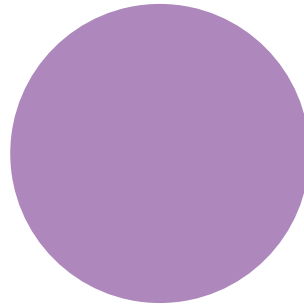
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COURSE TITLE	HOSPITALITY AND CATERING	
LEAD TEACHER	MS GREEN	
QUALIFICATION	NATIONAL VOCATIONAL AWARD (GCSE EQUIVALENT)	
EXAM BOARD	WJEC	ASSESSMENT / PRACTICAL
LESSONS PER WEEK	3	ASSESSMENT / COURSEWORK
HOME LEARNING?	NO	ASSESSMENT / EXAM

WHAT?

The Pearson 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.



HOW?

The qualification consists of three components. Learners are required to complete and achieve all three components in the qualification.

- Exploring Music Products and Styles
- Music Skills Development
- Responding to a Music Brief

The three components focus on the assessment of applied knowledge, skills and practices. These are all essential to developing a basis for progression and therefore learners need to achieve all components to achieve the qualification.

WHY?

Learning music is a meaningful and gratifying experience for students (as well as for people of all ages). The mixture of creativity, discipline, and communication that this course demands will help you succeed in school, in society, and in life. Research indicates a positive relationship between studying music and developing spatial skills necessary for math and science learning. Research also shows that the study of music affects students positively in other areas of their lives, especially in four areas: 1. Success in School, 2. Success in Developing Intelligence, 3. Success in Society, 4. Success in Life.



TRANSFERABLE SKILLS

Music Education enhances learning skills such as

- Communication skills
- Creativity
- Teamwork
- Self motivation and discipline
- Cultural awareness
- Respect for others
- Self-esteem through personal accomplishment.

POST 16, CAREERS & BEYOND

Study of the qualification as part of Key Stage 4 learning will help learners to make more informed choices for further learning, either generally or in this sector. The choices that learners can make post-16 will depend on their overall level of attainment and their performance in the qualification. Learners who generally achieve at Level 2 across their Key Stage 4 learning might consider progression to: A Levels as preparation for entry to higher education in a range of subjects, study of a vocational qualification at Level 3, which prepares learners to enter employment or apprenticeships, or to move on to higher education by studying a degree in the music sector.

“Music is the universal language of mankind.”

Henry Wadsworth Longfellow

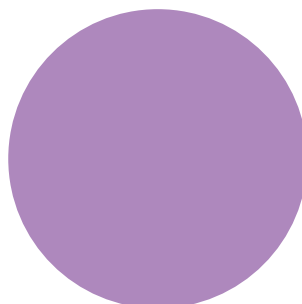


COURSE TITLE	BTEC MUSIC		
LEAD TEACHER	MISS CAPLIN		
QUALIFICATION	LEVEL 2 BTEC (GCSE EQUIVALENT)		
EXAM BOARD	PEARSON/EDEXCEL	ASSESSMENT / EXTERNAL	25%
LESSONS PER WEEK	3	ASSESSMENT / INTERNAL	75%
HOME LEARNING?	YES	AFTER SCHOOL SUPPORT	YES

WHAT?

In BTEC Performing Arts you will have the opportunity to practice and perfect skills such as acting, directing, devising and evaluating. The course focuses on acquiring knowledge and skills through a vocational context. This means that the course is very practical and consists of workshops and performances.

Coursework is completed in both Year 1 and Year 2, meaning there is no end of year written exam.



HOW?

The BTEC Tech Award in Performing Arts is split into three components. Two of these are internally assessed, and one is externally assessed.

C1 -Exploring the Performing Arts - Learning about the requirements of being a performer across three different performance styles. You will watch three contrasting productions, learn about the different styles, and also explore the plays practically through workshops.

C2 -Developing Skills and Techniques in the Performing Arts - Focus on enhancing and refining your technical, practical and interpretive skills through workshops and the rehearsal and performance process. To showcase your development, you will perform a scripted play to an audience to complete the component.

C3 -Responding to a Brief - Experiencing working as a professional Theatre Company to create a devised performance. You will be given a brief from which you will create your own play to perform. As a company you will be in charge of the rehearsal process and the final performance, meaning that you have control over advertising, lighting, sound, set, and costumes.

WHY?

Performing Arts is a practical subject which requires commitment, dedication and performing to an audience as part of the course.

This is an ideal course for those interested in the Performing Arts as it introduces the skills needed in the industry and for career progression. Performing Arts gives you the opportunity to experiment and take risks, develop teamwork, communication skills, build self-confidence and professional abilities.



TRANSFERABLE SKILLS

- Oral communication skills
- Confidence in speaking clearly to a crowd
- Creative problem-solving abilities
- Motivation and commitment
- Working successfully as part of a group
- Working individually with discipline
- Organisation skills

POST 16, CAREERS & BEYOND

Performing Arts can benefit students who wish to pursue a career in:

- The Arts
- Media
- Law
- Marketing
- Teaching
- Any leadership roles
- Any career which deals with the public

“Logic will get you from A to B. Imagination will take you everywhere.”

Albert Einstein



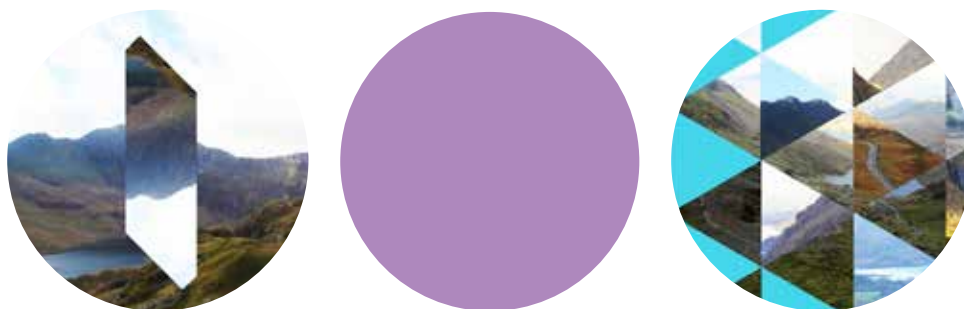
COURSE TITLE	PERFORMING ARTS		
LEAD TEACHER	MS ANDERTON		
QUALIFICATION	BTEC L 1/2	EXAM BOARD	PEARSON
ASSESSMENT / COURSEWORK 1	30%	ASSESSMENT / COURSEWORK 2	30%
LESSONS PER WEEK	3	ASSESSMENT / LOG & PERFORMANCE	40%
HOME LEARNING?	YES	AFTER SCHOOL SUPPORT	YES

WHAT?

The GCSE Art & Design: Photography course is divided into 60% coursework & 40% externally set assignment (exam project).

During the 2 years, you will learn about the work of artists and photographers, then use that knowledge in exploring art, photographic & digital manipulation techniques to create your own original images and artworks. You will learn how to use the functions on a camera to control the images you create and produce better quality photographs as well as using Photoshop to edit and manipulate your images.

This course will require you to be creative, highly motivated, independent & have good ICT skills. If you enjoy taking photographs and using technology creatively then you will love this course!



HOW?

In Year 10, you will learn camera functions, Photoshop skills, studio photography, lighting, hand manipulation skills and ideas development. Themes include: Still Life, Movement, Portraits and Fashion photography. This will allow you to develop key skills whilst developing your own interests & visual language so that by Year 11, you can have more creative freedom.

In Year 11, you will complete one coursework project, Fragments, which will allow you to develop your Photoshop skills and create some exciting and creative imagery. You will also go on a trip to take photographs and see artworks in a gallery.

All work completed in lessons and for homework is assessed and includes written, practical & ICT work.

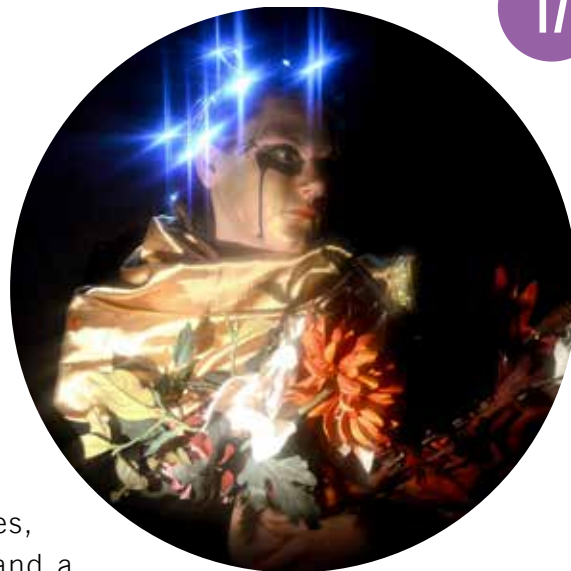
After Christmas, you will start the externally set assignment, worth 40% of your GCSE grade, which will lead up to your final practical exam.

WHY?

The GCSE Photography course allows you to explore & develop your use of visual language through technology. It will allow you to develop your creativity, a quality highly valued by employees, whilst learning industry standard ICT skills and can transfer to further study and careers in many areas including Art, Design, Fashion, Graphic Design, Film & TV, Animation, Games Design, Web Design, Illustration and many more.

This could lead to a career in the Creative Industries, which is one of the biggest employers in the UK, and a growth sector.

Plus, it is loads of fun!



TRANSFERABLE SKILLS

- Creative Thinking: One of the top skills sought out by UK employers.
- ICT skills: ICT literacy is vital in today's job market.
- Design software: Photoshop- industry standard.
- Analytical skills: Transfers to other subjects including English
- Independent working: Helpful for further study or careers.
- Teamwork: The ability to work in a team is vital in many work situations.
- Organisation skills

POST 16, CAREERS & BEYOND

- A level/ Level 3 courses: Photography, Art & Design, Graphic Design, Fashion, Textiles, Media Studies & more...
- Degree: Photography, Illustration, Graphic Design, Fine Art, Printmaking, Fashion, Animation, Games Design and many more.
- Careers in the Creative Industries: Art, Fashion, Design, Photography, Graphic Design, Digital Media, Film, TV & Media, VR, VFX, Games Design and much, much more...

"I love Photography; it's the best lesson!"

Bilal Hussain (Repeated every Twilight Lesson in Year 11)

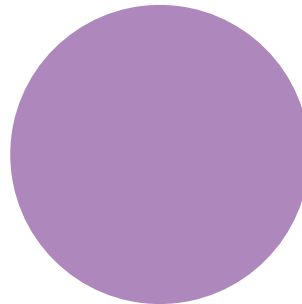


COURSE TITLE	GCSE ART & DESIGN - PHOTOGRAPHY		
TEACHERS	MS COPCUTT, MR BARRETT, MS MCINTOSH		
QUALIFICATION	GCSE	EXAM BOARD	AQA
ASSESSMENT / COURSEWORK	60%	ASSESSMENT / EXAM PROJECT	40%
LESSONS PER WEEK	3	AFTER SCHOOL SUPPORT	YES
HOME LEARNING?	YES	USE OF A COMPUTER AT HOME IS AN ADVANTAGE	

WHAT?

The Sports Science course helps students appreciate how sports science underpins sport at all levels. Sports Science is the study of how the body works during exercise, and how physical activity can promote health physically, mentally, and socially. On the course you will learn about anatomy and physiology, sporting injuries, improving personal fitness through appropriate training and diet, and the role of psychology in performance.

The course provides students with a plethora of transferable skills such as teamwork and confidence and provides opportunity to apply and demonstrate their knowledge in various ways. These skills are invaluable to student's success within the course and in supporting progressions to higher education and employment.



HOW?

The course is split between theoretical and practical elements. Theoretical aspects include applying and sharing your knowledge through non-examination and examination assessments, including designing and carrying out fitness testing and analysis and exploring the effects of physical activity on the body.

You will spend time developing your knowledge of how the body works, how to improve performance through nutrition and exercise programmes, and the psychology behind sports performers. You will complete four topics during your two years on the course each assessed in a variety of ways, you will complete coursework and practical moderations whilst covering the theoretical content in preparation for the two written exams. Most of the topics you will cover provide opportunity to be delivered in a practical setting as well as the classroom.

WHY?

Sports Science is an exciting route in a broad range of further education, careers and opportunities. Just some of the career paths available to you could include the ones listed under the careers section.

The subject provides you with a deepened understanding of the science behind sport along with many transferable life skills which form the building blocks to a wide range of career choices. You will also develop an understanding of how to sustain a healthy, active lifestyle, an invaluable tool to carry through to adulthood and to encourage in others.



TRANSFERABLE SKILLS

- Leadership - a skill which provides you with an ability to manage, support and guide others is essential in progressing in any given career.
- Team work - learning to work as part of a team is a key transferable skill to any workplace or social setting.
- Communication - verbal, written and visual.
- Presentation - verbal, creative, written and visual.

POST 16, CAREERS & BEYOND

- BTEC National Diplomas in Coaching, sports development, sports science, sports performance etc.
- Cambridge Technicals in Sport, AS and A levels in Physical Education, Psychology
- Sports Coaching, Sports Psychology, Sports Development, Business in sport, Physiotherapy, Sports nutrition, Personal Training/Gym Instructing, Leisure industries and Management
- Armed forces and public services (e.g. Royal Marines/Navy, Army, Police, RAF)

“The course is great if you are interested in the science behind sport and opens up lots of possible pathways for the future”

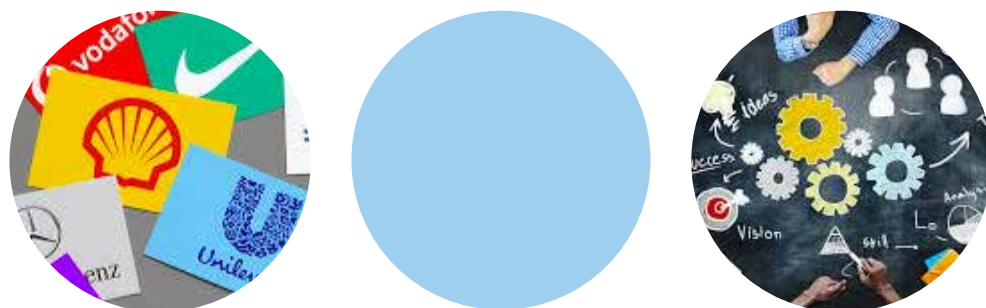


COURSE TITLE	GCSE PE		
TEACHERS	MR. FUDGE, MR. MOONEY, MISS BROOM, MISS PALMER		
QUALIFICATION	OCR GCSE PE		
EXAM BOARD	OCR	ASSESSMENT / COURSEWORK	40%
LESSONS PER WEEK	3	ASSESSMENT / EXAM	60%
HOME LEARNING?	YES	AFTER SCHOOL SUPPORT	YES

WHAT?

GCSE Edexcel Business Studies uses practical and enterprising content to engage and develop your knowledge and understanding around Business Studies. Lessons will include assessments on real and relevant business examples.

GCSE Business Studies provides opportunities for you to engage with local business enterprise examples through to international brands. During lessons we will use real-world contexts and examples of modern business practice to enable you to have relevant skills to support your transition to your next level of study and the business world.



HOW?

GCSE Edexcel Business Studies is structured into two themes, teaching you how entrepreneurs start businesses, through to growing and global businesses.

Theme 1 concentrates on the key business concepts, issues and skills involved in starting and running a small business. It provides a framework for you to explore core concepts through the lens of an entrepreneur setting up a business.

Theme 2 examines how a business develops beyond the start-up phase. It focuses on the key business concepts, issues and decisions used to grow a business, with an emphasis on aspects of marketing, operations, finance and human resources. It also considers the impact of the wider world on the decisions a business makes as it grows.

WHY?

Business Studies focuses on what businesses do and how they work. You will develop understanding about the business world, preparing you to make informed decisions about further study and career choices. In the future you will work for a business or set up your own business and Business Studies helps to prepare you for these experiences.

This course will give you a better understanding of what the purpose of work is and allow you to get a head start on non-business students.



TRANSFERABLE SKILLS

In Business Studies you will gain valuable transferable skills which can be put to use in every day life such as:

- An understanding of how organisations operate
- Communication skills, analytical and critical thinking, problem solving, logical thinking, decision making. Numeracy and an understanding of how to interpret and use financial data
- Personal skills - time-management, development of responsibility, coping with uncertainty, self-reflection, motivation, flexibility, and creativity

POST 16, CAREERS & BEYOND

Possible progression routes after studying GCSE Business Studies include:

- A-Levels
- Apprenticeships
- Applied and job related learning (BTEC, NVQ and Diplomas)
- Degrees in Accountancy, Business Management, International Business management
- Possible careers:
- Accounting, Law, Information Technology, Hospitality, Management, Human Resource, Recruitment, Administration.

“ The harder you work, the luckier you get.”

Mike Adenuga

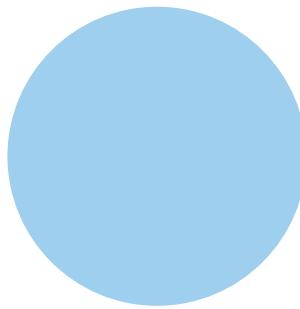


COURSE TITLE	EDEXCEL GCSE BUSINESS STUDIES		
TEACHERS	MR. MCKITTERICK, MR. MURPHY, MR. STEWART AND MR. BRITTAIN		
QUALIFICATION	GCSE	EXAM BOARD	EDEXCEL
ASSESSMENT THEME 1	EXAM 100%	ASSESSMENT THEME 2	EXAM 100%
LESSONS PER WEEK	3		
HOME LEARNING?	YES	AFTER SCHOOL SUPPORT	YES

WHAT?

The world depends on computers – the entire economy runs on them, they pervade every walk of life from games to retail via healthcare and renewable energy, and the idea of “working from home” has now become firmly established, bringing new challenges to the broadband infrastructures across the globe and making the case for equitable availability of computing to all.

If you want to change the world, computing will be at the heart of it. In this GCSE you will learn about how computers work, the wired- and wireless-networks they use, and how programming can create solutions to everyday problems and future challenges.



HOW?

Component 1

1. Systems architecture - computer structures
2. Computer memory and storage - data handling
3. Computer networks, connections and protocols - data transfer
4. Network security - data protection
5. Systems software - running software
6. Ethical, legal, cultural and environmental impacts

Component 2

1. Algorithms - creating solutions to real world problems
2. Programming fundamentals - applying mathematics and science
3. Producing robust programs - writing solid code
4. Boolean logic - the basis of computer circuits
5. Programming languages and Integrated Development Environments.

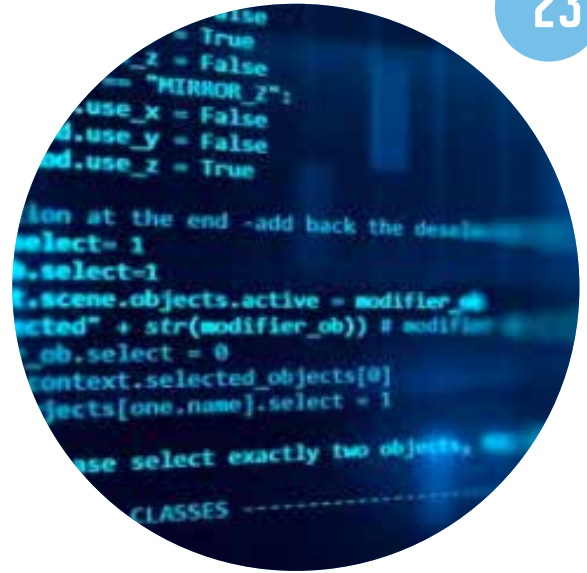
As part of the course you will learn to program. Programming is a very important skill to learn.

WHY?

There is not an industry out there not using computer technology daily: finance, banking, gaming, mobile applications, healthcare, security: all require professional computer scientists and engineers.

Smart home assistants, drone deliveries, intelligent traffic routing, automated warehouses, remote healthcare, assisted living, intelligent prosthetics... the list increases daily. All of this relies on software.

Solve real-world problems; create our world's future; open the door to your future career.



TRANSFERABLE SKILLS

- Computer literacy, IT skills - online research, collaboration on the cloud
- Programming - making computers do the work for you - vital in any career nowadays
- Innovation, creative problem solving – great for employability
- Critical thinking, analysis - breaking a problem down to solve it
- Productivity, perseverance – overcoming obstacles and reaching goals

POST 16, CAREERS & BEYOND

- Computer Science A level
- BTEC National Diploma in Information Technology
- HNC/ HND in Computing
- Computing and IT Certificate
- Games/App Developer
- Software Engineer
- Computer Systems Architect
- Robotics/Drone Programmer
- Telecommunications Engineer
- Artificial Intelligence Reserarcher

“ I think everybody in this country should learn how to program a computer, should learn a computer language, because it teaches you how to think.”

Steve Jobs - Apple



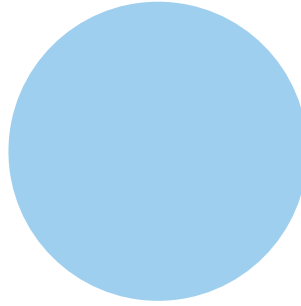
COURSE TITLE	GCSE (9-1) COMPUTER SCIENCE - J277		
TEACHERS	MR. FISCHBACK, MR. STEWART AND MR. BRITAIN		
QUALIFICATION	GCSE	EXAM BOARD	OCR
ASSESSMENT / PAPER 1	50%	ASSESSMENT PAPER 2	50%
LESSONS PER WEEK	3		
HOME LEARNING?	YES	AFTER SCHOOL SUPPORT	YES

WHAT?

The Geography course focuses on the interdependence between social sciences and natural sciences. It reveals the great differences in cultures, political systems, economies, landscapes and environments across the world, and explores the links between them.

Geography provides an ideal framework for relating other fields of knowledge.

Learning through Geography – whether gained through formal learning or experientially through travel and fieldwork – helps us all to be more socially and environmentally sensitive, better informed, and more responsible as citizens and future employees.



HOW?

The Geography GCSE course looks at both the physical structure of the planet and the human structure in the past, present and future. It is a mix of topics such as urban issues, world development, resource management, extreme environments, hazards and unique landscapes.

Paper 1: Living with the Physical Environment (exam 1hr 30min)

Topic 1: The Challenge of Natural Hazards

Topic 2: The Living World

Topic 3: Physical Landscapes in the UK

Paper 2: Challenges in the Human Environment (exam 1hr 30min)

Topic 1: Urban Issues & Challenges

Topic 2: The Changing Economic World

Topic 3: The Challenge of Resource Management

Paper 3: Geographical Applications (exam 1hr 30min)

Topic 1: Issue Evaluation

Topic 2: Fieldwork

WHY?

Geography is a broad based academic subject which will open up options for you in your future. Employers and universities see geography – a core EBacc subject – as a robust academic subject rich in skills, knowledge and understanding. As a subject linking the arts and the sciences it is highly flexible in terms of what you can combine it with, both at GCSE and A Level.



The course will give you the chance to get to grips with some of the big questions which affect our world, and understand the social, economic and physical forces and processes which continuously shape and change our world.

TRANSFERABLE SKILLS

- Teamwork – decision-making, persuasion and influencing skills, rapport-building and listening,
- Problem solving – map and graphical skills, numerical and statistical skills
- Communication skills – verbal, written and visual
- Research skills - using a range of technical methods for the collection and analysis of spatial and environmental data, and undertaking fieldwork

POST 16, CAREERS & BEYOND

- A-Level: Travel and Tourism, Journalism, Environmental Sustainability and Management, Applied Sciences, Archaeology, Geology, Humanities, Biology, Sociology, Criminology, Economics, Global Studies, Law, Government and Politics.
- Sustainability and Green Issues, Urban Regeneration, Energy Supply, Retail Location, Managing the Effects of Hazards and Climate Change.
- World of Business, Global Economics, Human Rights, International Relations, or Welfare

“The study of Geography is about more than just memorizing places on a map. It’s about understanding the complexity of our world.”

Barack Obama

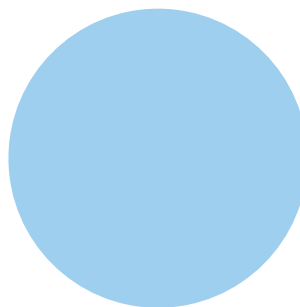


COURSE TITLE	GEOGRAPHY		
TEACHERS	MRS. LAZAR, MISS. CRESSEY AND MR. THAYER		
QUALIFICATION	GCSE	EXAM BOARD	AQA
EXAMS	3	HOME LEARNING	YES
LESSONS PER WEEK	3	AFTER SCHOOL SUPPORT	YES

WHAT?

This qualification will assess the application of Health and Social Care through practical use. It will provide learners with essential knowledge, transferable skills and tools to improve their learning in other subjects with the aim of enhancing their employability when they leave education, contributing to both their personal development and future economic well-being.

The Cambridge Nationals in Health and Social Care will equip learners with sound specialist knowledge and skills for everyday use. The qualification design, including the range of units available, will allow learners the freedom to explore more deeply the things that interest them as well as providing good opportunity to enhance their learning in a range of curriculum areas.



HOW?

R032: Principles of care in Health and Social Care (Exam 40% of overall grade) This unit will provide learners with the underpinning knowledge and understanding of how to support individual's rights and how to use effective communication skills to provide person-centred care.

R033: Supporting individuals through life events (Coursework 30% of overall grade) This unit explores the life stages from 5 to 65+ years. It focuses on the changes associated with the factors that influence development.

R034: Creative and therapeutic activities in Health and Social care (Coursework 30% of overall grade) In this unit learners will have the opportunity to explore the different types of creative and therapeutic activities that are available to individuals in health, social care. You will have the opportunity to plan and lead a creative activity with a small group or individual.

WHY?

Studying health and social care and potentially gaining employment in this field lets you truly make a significant difference in the lives of clients and their families.

You will be working with lots of different people every day. Whoever you work with, you have the opportunity to make a big improvement to someone's life.



TRANSFERABLE SKILLS

- Draw together, analyse and critically evaluate information.
- Communicate effectively with individuals, groups and organisations.
- Think logically and propose reasoned solutions.
- Put together well-judged arguments and question assumptions.
- Manage time, learn independently and use ICT effectively.
- Write concisely, clearly and accurately.

POST 16, CAREERS & BEYOND

Post 16 Health and social care courses

- Level 3 Cambridge Technicals in Health and Social care
- Btec Health and Social care Level 3
- Level 3 Applied Health and Social care (A-Level)
- Health and social care can also be studied at University level (BA Honours/BSC)

Careers

- Midwife, Occupational Health Therapist, Paramedic, Nurse, Counsellor, Social Worker, Psychologist

“99.3% of students from the School of Health Sciences went on to employment or further study 6 months after graduating (DLHE 2016/17).” Cambridge National

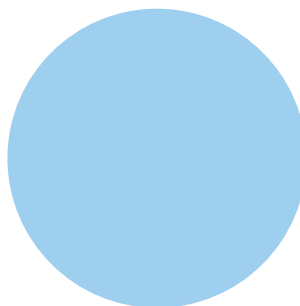


COURSE TITLE		CAMBRIDGE NATIONALS IN HEALTH AND SOCIAL CARE	
TEACHER		MISS. MARTIN	
QUALIFICATION	CNC LEVEL 1/2	EXAM BOARD	OCR
ASSESSMENT / COURSEWORK	60%	ASSESSMENT / EXAM	40%
LESSONS PER WEEK	3		
HOME LEARNING?	YES	AFTER SCHOOL SUPPORT	STRUCTURED

WHAT?

GCSE History allows you to study and explore the history of Britain and the wider world. By developing existing skills from Yr 7-9 (such as inference, source analysis and significance) and learning new ones, you will become more confident and successful historians.

What can you expect? We will investigate changes in crime and punishment spanning from 1000 to the present day, delve into case studies of gruesome crimes and superstitious solutions, follow Queen Elizabeth's reign of England, and examine the challenges faced, and overcome, by millions during the Civil Rights Movement in the USA. And that's not all of it!



HOW?

The course is examined on **3 papers** that you sit in at the end of Year 11. The papers are designed so you can demonstrate your skills and your argument as a historian: source analysis, explanation, evaluation, interpretation and knowledge.

Paper One is in two sections:

Section A: an historic environment study of Whitechapel, c1870-c1900: crime, policing and the inner city.

Section B: a thematic study of Crime and Punishment in Britain, c1000–present. This paper is worth 30% of your overall grade.

Paper Two is Early Elizabethan England, 1558–88, and Superpower Relations and the Cold War, 1941–91. This paper is worth 40% of your overall grade.

Paper three is The USA, 1954–75: conflict at home and abroad. This paper is worth 30% of your overall grade.

WHY?

George Santayana, a Spanish philosopher, said that those who do not learn from history are doomed to repeat it. In other words, if you fail to learn from past mistakes you're likely to make them yourself. But there are many other reasons to study History.

Studying history allows us to develop a better understanding and a more balanced look at the world. History can also be inspiring. When we discover what people have achieved against the odds and how things can change over time, it can give us the motivation we need to succeed.



TRANSFERABLE SKILLS

Apart from being VERY interesting, history is useful for a host of different careers, and life too. In fact, history is very practical and teaches you valuable skills that are transferable to other subjects, college and post-16 and career opportunities down the road.

These include:

- Excellent communication and writing skills
- How to construct an argument
- Investigation and problem-solving skills
- Analytical and interpretation skills.

POST 16, CAREERS & BEYOND

With your ace analytical, writing, debate and detective skills, you'll be primed for a huge range of careers in history, such as:

- Journalism
- Business
- Archaeology
- Civil Service
- Law
- Politics
- Marketing
- Management

Studying History at GCSE will help you with other essay subjects as A-Level and university.

“History doesn’t repeat itself, but It often rhymes.”

Mark Twain

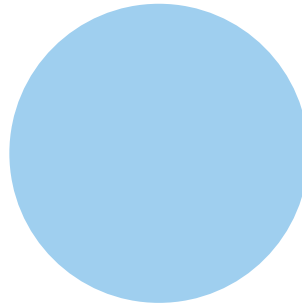


COURSE TITLE	PEARSON EDEXCEL GCSE (9-1) HISTORY		
SUBJECT LEAD	MRS. RYAN		
TEACHER(S)	MR. EVERINGTON, MR. MCKITTERICK & MR. CAMERON		
QUALIFICATION	GCSE	EXAM BOARD	EDEXCEL
ASSESSMENT / EXAMS	3 PAPERS	HOME LEARNING?	YES
LESSONS PER WEEK	3	AFTER SCHOOL SUPPORT	YES

WHAT?

ASDAN Personal and Development course explores key themes surrounding living in the wider world and equips students with informed and insightful knowledge regarding everyday living situations, such as different savings account, to the process of applying for jobs.

ASDAN is a rewarding subject as it often explores areas of learning that students are reflecting on and interested about in tutor and PSHE. For example, within the topic 'Your Money in the Future', students learn about the process of buying a house or research the costs involved with learning to drive or getting a CBT for a motorbike under 125cc.



HOW?

The course is divided into a range of individual topics. There are no exams in ASDAN and everything is coursework based with students developing a portfolio that is moderated externally. Students need to be organised with good attendance as work is completed weekly with all work contributing to their portfolio.

Units covered include:

- Parenting Awareness
- Your Money in the Future
- Identity and Cultural Diversity
- Community Action
- Healthy Living
- Healthy Eating
- Preparation for work

Students study the course in a variety of ways from in classroom learning to computer based research. Units such as Community Action, Healthy Eating and Healthy Living involve more practical learning approaches such as developing new healthy habits and using the Catering rooms to cook healthy eating options.

WHY?

Students interested in a more applied course will find ASDAN appealing, alongside students who are keen to learn about the wider world in a more practical way.



TRANSFERABLE SKILLS

ASDAN courses develop a range of skills which are transferable to both further education and the workplace such as:

- Skills include:
- Organisation skills
- Computer skills
- Writing
- Discussion and debating
- Practical skills (cooking and previously we have planted trees)
- Valuable everyday knowledge that is applicable in the wider world, e.g opening bank accounts

POST 16, CAREERS & BEYOND

ASDAN can help when progressing to college, degree courses and apprenticeships, such as:

- Social Care
- Construction
- BTEC courses
- Level 3 courses at college (e.g. Health and social care, business, retail ect.)
- It supports careers requiring hands-on experience and softer skills

“ASDAN courses have allowed me to study in a way that suits me better.”

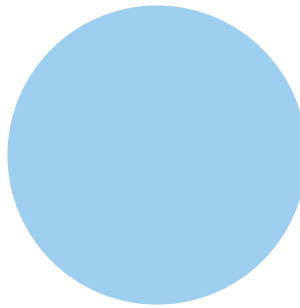


COURSE TITLE	ASDAN		
TEACHER	MR THAYER		
QUALIFICATION	AWARD	- 8 CREDITS	
QUALIFICATION	CERTIFICATE	- 13 CREDITS	
LESSONS PER WEEK	3	EXAM BOARD	ASDAN
HOME LEARNING?	YES		

WHAT?

Should men and women have different roles? Do we have the right to end our lives? Why do humans suffer if a loving God exists? Should we follow rules or conscience? What happens when we die? If God knows our destiny, how can we have free will?

Religious Studies is an opportunity to learn about these interesting questions and many others. You will learn about Christian, Muslim and Atheist worldviews. If you enjoy talking about whether things are right or wrong, true or not, this subject is for you.



HOW?

There are 3 exams that you sit at the end of Year 11

Paper 1: Religious, philosophical and ethical studies in the modern world. 50% of your overall grade. This is a 2-hour paper with 4 questions. Each question relates to one of four themes we study - 1. Issues of Relationships 2. Issues of Life and Death 3. Issues of Good and Evil 4. Issues of Human Rights.

Paper 2: Christianity. 25% of your overall grade. This is a 1-hour paper with 2 questions. The questions are based on Christian Beliefs and Christian Practices.

Paper 3: Islam. 25% of your overall grade. This is a 1-hour paper with 2 questions. The questions are based on Muslim Beliefs and Muslim Practices.

WHY?

Everyone has a worldview: what we perceive is influenced by our own beliefs, values, background and experiences. This GCSE helps you explore and explain your own worldview and better understand the worldviews of people around you. You learn to debate respectfully and evaluate and judge different opinions.



RS is really well established at City Academy with a history of excellent results. You will be taught by experienced teachers and do lots of exam practice, so you feel confident and are able to achieve a great grade. It is an academic subject that requires lots of knowledge and revision, but we have good structures to guide you through this and help you succeed.

TRANSFERABLE SKILLS

- Understanding different people's beliefs and backgrounds
- Confidence in sharing your opinions, beliefs and ideas
- Oracy and debating skills
- Critical thinking
- Essay-writing skills

POST 16, CAREERS & BEYOND

A GCSE in RS shows you can understand different people and worldviews, so it links with many careers including:

- Medicine
- Law
- Health and Social Care
- Education
- Journalism
- Politics
- Human Resources
- Media
- International Development

“I recommend Religious Studies because it helps you understand and respect other religions, making it easier to get a job! Plus, it’s so interesting and fun!”

Sana - Year 11



COURSE TITLE	RELIGIOUS STUDIES		
TEACHER(S)	MS MCMANAMON, MS NABEEH, MR MORRISON		
QUALIFICATION	GCSE	EXAM BOARD	EDUQAS
ASSESSMENT / EXAM	100%	HOME LEARNING?	YES
LESSONS PER WEEK	3		

WHAT?

This course enables students to deepen their cultural capital with an insight into Hispanic culture and language. Students will achieve a working knowledge of a modern foreign language to a competent level while developing skills and knowledge in their own language.

The course is taught through the medium of English and therefore builds a solid understanding of linguistics and communication. Student's will demonstrate the ability to infer meaning, decipher texts, think critically, expand their vocabulary and communicate effectively, all of which are transferable skills required by future employers.



HOW?

The course is assessed through key skills: listening, speaking, reading, writing. The course is split into three themes which are designed to enhance students' cultural capital through a range of topics.

Theme 1 is called 'Identity and culture'. This is an introductory theme where students build their competence in topics relating to their interests.

Theme 2 covers local, national, international and global areas of interest which give students an insight into how the world around them works through a foreign language.

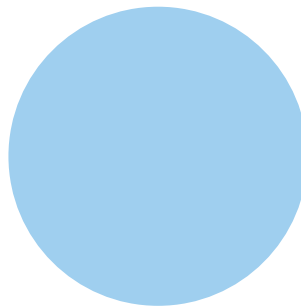
Finally, Theme 3 is current and future study and employment where student can synthesise where they are in their studies and where the future can take them.

WHAT?

This course enables students to deepen their ability in their family language (e.g. Bengali, Panjabi and Urdu). Students will use the language to a competent level while developing skills and knowledge in English language as the courses are taught through the medium of English and therefore builds a solid understanding of linguistics and communication.

Students can hone their linguistics in Bengali, Punjabi and Urdu.

Students will demonstrate the ability to infer meaning, decipher texts, think critically, expand their vocabulary and communicate effectively, all of which are transferable skills required by future employers.



HOW?

The course is assessed through key skills: listening, speaking, reading, writing. The course is split into three themes which are designed to enhance students' cultural capital through a range of topics.

Theme 1 is called 'Identity and culture'. This is an introductory theme where students build their competence in topics relating to their interests.

Theme 2 covers local, national, international and global areas of interest which give students an insight into how the world around them works through a foreign language.

Finally, Theme 3 is current and future study and employment where student can synthesise where they are in their studies and where the future can take them.

WHY?

Students should take this subject to equip themselves with a qualification that will make them stand out against other potential candidates who do not have the experience of studying a language.

In a world where globalisation is expanding and competition for careers and opportunities is increasing, our students will have more doors open to them if they can demonstrate the skills required to learn another language.



TRANSFERABLE SKILLS

- Increased linguistic competency
- greater cultural awareness
- the ability to infer meaning
- decipher texts
- think critically
- expand vocabulary
- problem solve
- communicate effectively.

POST 16, CAREERS & BEYOND

- Opportunity to study at A Level, continue studies at University or study another language at University (which includes a year abroad in a Hispanic speaking country).
- Some careers where a degree in a language is beneficial are interpreter, academic research, journalism, logistics and distribution, detectives, marketing executives, diplomatic officers.

“I never really knew where I wanted to go, but learning a new language has guided me to where I am today.”

Mr Murphy



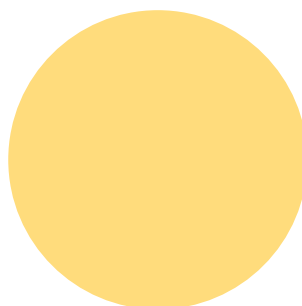
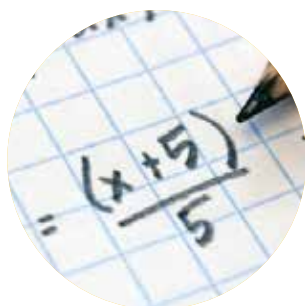
COURSE TITLE	COMMUNITY LANGUAGES; BENGALI, PUNJABI AND URDU		
PROGRAMME LEADER	MR. LUMINI		
TEACHERS	MRS AHMAD, MRS KAUR, MR ISLAM AND MRS SHAHZADI		
QUALIFICATION	GCSE	EXAM BOARD	AQA/EDEXCEL
ASSESSMENT / EXAM	4 PAPERS - 1: LISTENING, 2: SPEAKING, 3: READING, 4: WRITING		
LESSONS PER WEEK	3	HOME LEARNING?	YES

WHAT?

Further Maths GCSE is a non-GCSE subject offered to some of our most able mathematicians. It is a bridge between GCSE and A-level maths to try to give pupils the best chance possible at being successful at A-level and beyond.

Some aspects of Further Maths explore topics from GCSE more deeply, however others are new concepts that otherwise wouldn't be taught until A-level Maths and beyond.

This course should only be considered by pupils who are predicted to achieve a grade 7 - 9 in GCSE Maths.



HOW?

Further Maths covers Number, Algebra, Coordinate Geometry, Calculus, Matrices and Geometry.

Students will get to try problems that bring together all the skills they have gained whilst at school but also learn new skills and how they can be applied to problems they have seen before.

Students will learn in a very similar way to their regular Maths lessons and we strive to ensure that they have the same teacher for Mathematics while being taught Further Maths.

WHY?

Students should only consider this course if they are thinking of taking A-level maths or want to explore Mathematical topics in more depth.

Students who achieve well in Maths but do not necessarily have a passion for it may also enjoy studying this course as a way of trying to achieve the very top grade they can in GCSE Mathematics.



TRANSFERABLE SKILLS

- Problem Solving
- Critical Thinking
- Mathematical Reasoning
- Deductive Reasoning
- Manipulate precisely
- Construct logical arguments and expose illogical ones

POST 16, CAREERS & BEYOND

- A level Maths
- Mathematical careers have no limits!

The difference between the poet and the mathematician is that the poet tries to get his head into the heavens while the mathematician tries to get the heavens into his head.

G.K. Chesterton

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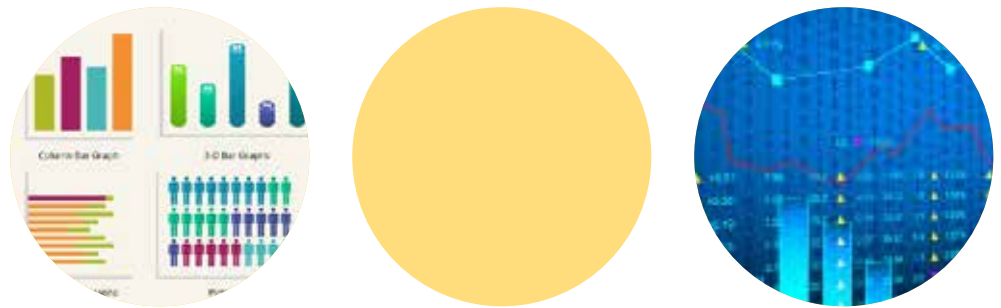
COURSE TITLE	AQA CERTIFICATE LEVEL 2 FURTHER MATHS (8365)		
HEAD OF FACULTY	MS GITANI		
QUALIFICATION	LEVEL 2	EXAM BOARD	AQA
ASSESSMENT / EXAM 1	NO CALCULATOR	ASSESSMENT / EXAM 2	CALCULATOR
LESSONS PER WEEK	TBC	LESSONS TAKE PLACE 8:15AM BEFORE SCHOOL	
HOME LEARNING?	YES		

WHAT?

Statistics GCSE is an additional Maths qualification.

As well as combining with some of the GCSE Mathematics content, Statistics explores statistical themes more deeply; pupils will process and represent data and summarise results, they will test hypotheses and present data whilst also looking further into probability.

There are no entry requirements for the course; there are Higher and Foundation specifications and exams. This course is a good foothold for those pupils considering studying Statistics as part of A-level Maths, as well as pupils wanting to improve their Maths grade.



HOW?

Students will cover 8 themes: Collection of data, Processing and representing data, Summarising data, Scatter graphs and correlation, Time series, Probability, Index numbers and Probability distributions.

Some of these topics will be familiar to pupils studying Maths already, while some are completely new and wouldn't usually be seen until A-level.

There is some crossover with the compulsory GCSE maths syllabus and parts of lessons will be about solidifying those skills.

Students will learn in a similar fashion to their Maths lessons and if pupils feel they are able to learn well that way then this could be the option for them.

WHY?

This is for pupils who enjoy Maths lessons and would like more of them. Pupils who are concerned that they may not achieve their best grade in Maths should consider choosing Statistics as a way of reinforcing their skills.

The additional time over two years could be transformative to their GCSE Maths grade. Despite not being a pre-requisite for A-level Maths, pupils considering studying Maths beyond GCSE may also consider Statistics as it makes up part of the A-level course.



TRANSFERABLE SKILLS

- Analysing data
- Comparing data sets
- Drawing conclusions from given data
- Critically considering how data is being used
- Increased awareness of the laws of Probability

POST 16, CAREERS & BEYOND

- Core Maths
- A-level Maths
- A-level Further Maths
- Mathematical careers have no limits!

“Without mathematics, there’s nothing you can do. Everything around you is mathematics. Everything around you is numbers.”

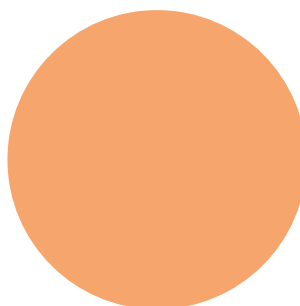
Shakuntala Devi



COURSE TITLE	STATISTICS GCSE		
HEAD OF FACULTY	MS GITAH		
QUALIFICATION	GCSE	EXAM BOARD	AQA
ASSESSMENT / EXAM 1	CALCULATOR	ASSESSMENT / EXAM 2	CALCULATOR
LESSONS PER WEEK	TBC		
HOME LEARNING?	YES	AFTER SCHOOL SUPPORT	

WHAT?

You will take three separate GCSEs in Biology, Chemistry and Physics. At the end of the course, you will be awarded three individual GCSE grades. You will develop your scientific knowledge and conceptual understanding for each subject. You will gain a greater understanding of the nature, processes and methods of science, while learning to apply observational, practical, modelling, enquiry and problem-solving skills in the laboratory, in the field and in other learning environments. Over the course, you will develop your ability to evaluate claims based on science through critical analysis of the methodology, evidence and conclusions, both qualitatively and quantitatively.



HOW?

Biology: Topic 1 – Key concepts in biology, Topic 2 – Cells and control, Topic 3 – Genetics, Topic 4– Natural selection and genetic modification, Topic 5 – Health, disease and the development of medicines. Topic 6 – Plant structures and their functions, Topic 7 – Animal coordination, control and homeostasis, Topic 8 – Exchange and transport in animals, Topic 9 – Ecosystems and material cycles.

Chemistry: Topic 1 – Key concepts in chemistry, Topic 2 – States of matter and mixtures, Topic 3 – Chemical changes, Topic 4 – Extracting metals and equilibria, Topic 5 Transition Metals, Alloys and Corrosion, Topic 6 – Groups in the periodic table, Topic 7 – Rates of reaction and energy changes, Topic 8 – Fuels and Earth science, Topic 9 Quantitative analysis tests for Ions

Physics: Topic 1 – Key concepts of physics, Topic 2 – Motion and forces, Topic 3 – Conservation of energy, Topic 4 – Waves, Topic 5 – Light and the electromagnetic spectrum, Topic 6 – Radioactivity, Topic 8 – Energy - Forces doing work, Topic 9 – Forces and their effects, Topic 10 – Electricity and circuits, Topic 12 – Magnetism and the motor effect, Topic 13 – Electromagnetic induction, Topic 14 – Particle model, Topic 15 – Forces and matter.

WHY?

Separate Science sets you up with three discrete GCSEs. You finish the course with the key skills you'll need to make the most of your future opportunities, including the possibility of studying Science at A Level.

We use every lesson to problem solve, think analytically, test out ideas and challenge our own assumptions about the world around us. Now more than ever, in a world full of uncertainty yet maximum possibility, studying science has never been more essential and indispensable to our collective futures.



TRANSFERABLE SKILLS

- Problem solving
- Analytical Skills
- Critical thinking
- Practical application of knowledge

POST 16, CAREERS & BEYOND

- A levels in Biology, Chemistry or Physics not only strengthen and build your academic abilities, they refine transferable skills making you all the more employable for well paid and secure jobs in the future.
- Science has never stopped being relevant, while many industries may struggle in the future, the scientific field will no doubt carry the country through current and future challenges.

“Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less.”

Marie Curie

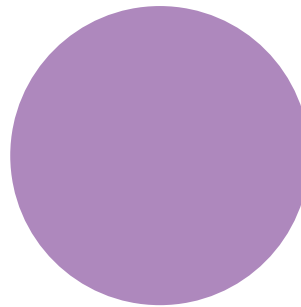


COURSE TITLE	COMBINED SCIENCES		
HEAD OF FACULTY	MS O'KEEFE		
QUALIFICATION	3 GCSE GRADES	EXAM BOARD	EDEXCEL
ASSESSMENT / BIOLOGY	2 PAPERS	ASSESSMENT / CHEMISTRY	2 PAPERS
LESSONS PER WEEK	8	ASSESSMENT / PHYSICS	2 PAPERS
HOME LEARNING?	YES	AFTER SCHOOL SUPPORT	YES

PHYSICAL EDUCATION (PE)

HOW?

Key stage four physical education at City Academy aims to encourage students to explore a range of activities to inspire them to develop a healthy, active lifestyle to continue into adulthood. To enable students to explore activities, we give them ownership over their curriculum. Students have the opportunity to choose from the following pathways: participation/health, competition, and leadership. Each of the pathways offer a different activity each term but will follow the theme of developing leadership skills, physical health and recreational sport or a level of competition and performance, based upon the needs and choice of the individual. Each term students will experience two sports, one from their chosen pathway and another chosen by the PE team to ensure students experience a broad range of activities. Activities will range from traditional sports such as football and netball, to fitness, yoga and alternative sports such as spike ball and ultimate frisbee.



WHY?

Through engaging in a range of physical activities students may develop a passion in a particular activity which could encourage further participation outside of school and into the future. They may also develop an understanding of how to sustain a healthy, active lifestyle, an invaluable tool to carry through to adulthood and to encourage in others. Physical activity not only provides students with good physical health but also helps them to maintain and develop good mental and social health.

PE (EXTRA CURRICULAR)

The provision provided for you within years 7-9 will continue.

The offer of attending two different types of extra-curricular clubs within year 10: Participation and competition. Participation will allow you to come and join in with several sports in a recreational way. You can bring your friends and play a game of basketball inside the sports hall or football out on the all-weather pitch.

It would be your opportunity to come and be active with your peers and have some fun. Competition based clubs allow the students that represent the school in fixtures to train and develop these skills, although anyone is free to attend these clubs. These clubs follow the Bristol School Sport schedule which includes sports: rugby, netball, football, basketball, rounders and cricket. Please ensure you speak to your teacher and check the timetable for dates.

PSHE

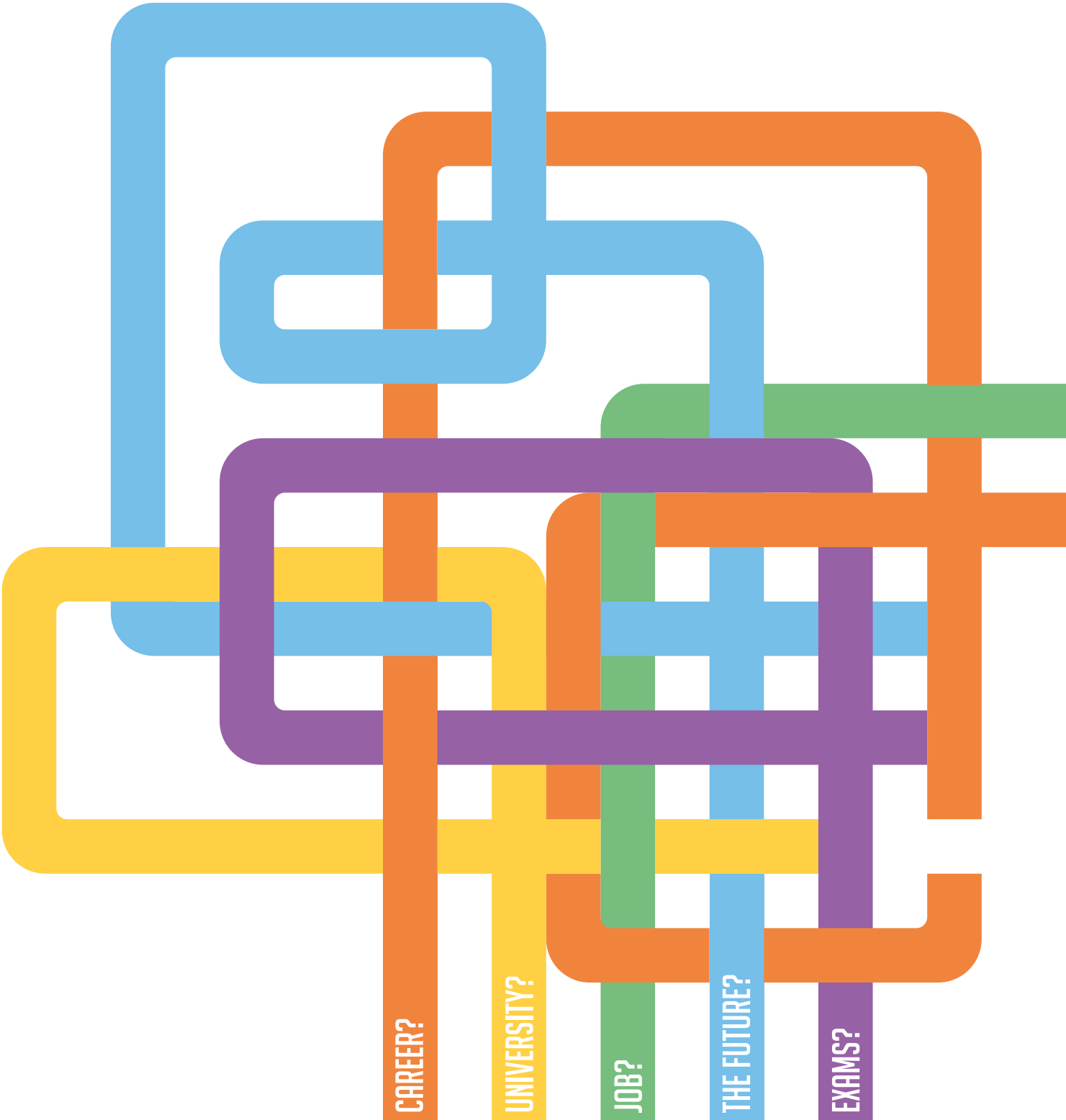
HOW?

Students will continue to study PSHE's three key themes: Health and wellbeing, living in the wider world and relationship and sex education. The KS4 PSHE programme is not an assessed element of the curriculum and therefore requires no examination. The PSHE lessons at CAB will help supplement the learning you already cover within the rest of your lessons, as well as explore new subjects in greater depth.

You will engage in activities in the classrooms such as debates, decision making activities and scenarios to help demonstrate the learning you have gained over the course of the drop-down days. Within the drop-down days you will cover topics such as: Preparing for work experience, improving your mental health, financial decision making, healthy relationships and addressing extremism and radicalisation. All these topics will help you build upon your knowledge in KS3, so that you become a critical thinking, positive, global citizen.

WHY?

PSHE is a subject that is about you. PSHE will give you the knowledge and skills to go and be successful in the modern world. It will offer you the platform to debate issues that are close to your heart and learn about topics that you would never study in other subjects. It will teach you how to communicate more effectively, manage a business, have positive relationships with friends, family, and partners, as well as further understand yourself as a person and the world around you.



CAREER?

UNIVERSITY?

JOB?

THE FUTURE?

EXAMS?