

Guided Choices Year 9 2024

"To excel in all that we do so that everyone flourishes and achieves their full potential"

Vision for Success



Deyes High is part of the Lydiate Learning Trust. Our vision is to "Engage, Enable and Empower"

Our guided choices process helps students, parents, and teachers to work together to ensure that students engage in a curriculum during year 10 and 11 which is balanced, develops a wide skillset, and provides a platform for success.

Our aim during this process is to:

Engage students by providing quality information, advice and guidance

Enable students to have the best chance of success by carefully selecting suitable courses

Empower students by seeking their thoughts on which courses they are most interested in studying

We endeavour to provide a curriculum which matches the needs, aspirations, and interests of our diverse community of students. We want students to receive a broad and rich curriculum which develops them as a whole and helps them compete with others from the best schools across the country in whatever their chosen next steps are, developing a wide range of skills to be fully prepared for their post-16 journey.

Our main curriculum for Year 10 and 11 leads to students achieving the English Baccalaureate, where students study Mathematics, English Language, English Literature, Science, Geography or History and French or Spanish, alongside two open subject choices. This provides a strong and varied academic base alongside the opportunity to follow their passion, whether it be the Arts, Sciences, or something more hands-on.

Welcome to Year 9 Guided Choices 2024!

Mrs V L Beaney Head of School

P. Delani

Mr P Delaney Assistant Headteacher

Advice & Guidance



Advice

- Read all the information in this booklet carefully, watch the subject videos, talk with family and friends.
- Think about your strengths and what key skills are needed for each subject. What do you enjoy, what are you likely to achieve in?
- Consider how you will be assessed. Some courses have non-examination assessment where you can gain credit for work throughout the course. Some courses are assessed solely by examinations at the end of year 11.
- Be pro-active and contact your form tutor and teachers if you want more information.
- Don't consider a subject because your friend has there may be more than one class so you would not necessarily be in the same lesson!

At this point you are beginning to influence the pathway that maps out your future and we wish you every success.

Guidance

To help you narrow down what courses you would most like to study, the following is available:

- **Guided choices booklet** what you are currently reading this booklet provides general and subject specific guidance.
- **Online Subject Presentations** further information from our subject leaders on courses are all available on the school website. <u>Click here</u> to access them.

Subject Contents



Language and Literature Mathematics Combined Science PEAK Core PE (Physical Education)

Option Subjects

Art & Design Business Studies Computer Science

Construction

Dance

Design Technology

Digital Information Technology

Drama

Engineering

Food & Nutrition

French & Spanish

Geography

History

Hospitality & Catering

Music

PE

Psychology

Photography

RE

Separate Sciences

Child Development (one group)

GCSE English Language and Literature



Why study English Language and Literature?

Access to all subjects is underpinned by good grounding in Literacy, so it is right that all students study English at GCSE. Due to changes in the National Curriculum, all students will now study two English GCSEs: English Language and English Literature. English empowers learners with the knowledge and skills to prosper in the wider world. The course that we will offer integrate the two subjects, so students will study Language and Literature side -by- side over two years. There is no coursework or controlled assessment element to the English GCSEs. Therefore, both GCSEs will be assessed in exams at the end of the course.

Course details:

For their English Language qualification, students will be assessed in both reading and writing. Students will explore how our language has changed from the 19th century to today, reading widely across genres and time periods. We will study letters, diaries, reports, travel writing and journalism from the 19th, 20th and 21st centuries and explore writers' viewpoints and perspectives on issues or themes that are important to the way we think and live our lives. This is the chance for students to debate and learn how to express themselves clearly and effectively. We will study fiction too: exploring how writers construct narratives by focusing on openings, endings, characterisation and details that make fiction so compelling. Using what they have read as a model, students will then develop their own writing skills by writing creatively. Writing tasks include descriptive and narrative writing and nonfiction transactional writing where students present their viewpoint through argument and advice pieces.

For their English Literature qualification, students will explore how characters are developed and how texts are structured; the Literature course takes students on a journey where they will study some of the most respected and loved British writers of all time. Of course, we will study a Shakespeare play, but new to the course is a 19th century novel, giving students the opportunity to engage with prolific characters like Ebenezer Scrooge. Modern texts are studied too– we study a contemporary play throughout the course. Poetry is the final piece of Literature we offer which is studied thematically.

How will I be assessed?

The English Language GCSE is assessed in 2 exams at the end of Year 11. Paper 1: 20th Century Literature Reading and Creative Prose Writing. Paper 2: 19th and 21st Century Non-Fiction Reading and Transactional/ Persuasive Writing

The English Literature GCSE is assessed in 2 exams at the end of Year 11.

Paper 1: Shakespeare and the 19th Century Novel Paper 2: Modern Texts and Poetry

Regular reading and writing assessments and 'mock' examination opportunities will help you to prepare for the final exams.

Where can English take me?

There are many careers in English. Some exciting job opportunities include being one of the following:

- Journalist
- Lawyer
- Editor
- Teacher
- Copywriter
- Screenwriter

A good qualification in English Language is highly sought after in many careers and is often a requirement for many courses.

GCSE Mathematics



Why study Mathematics?

Mathematics has its place in many industries and subjects. It helps us to find patterns and structure in our lives. The world requires 21st century mathematics to create 21st century technologies and mathematics will lie at the heart of every major innovation

Mathematics teaches you skills that you can use in many different work and personal situations. Mathematics is one of the best subjects to develop your analytical, research and problem-solving skills including pattern spotting, visualising, working systematically and using logical reasoning. Not only will it help give you the knowledge to tackle abstract problems, but it will also help you to develop logic to tackle everyday issues like planning projects and managing budgets.

Course details:

The syllabus covers all areas of GCSE Mathematics including:

- Number
- Algebra
- Ratio
- Proportion and rates of change
- Geometry and measure
- Probability and Statistics

Students will be given the opportunity to develop the ability to acquire and use problem-solving strategies, select and apply Mathematical techniques and methods in Mathematical and realworld situations, reason Mathematically, make deductions and inferences and draw conclusions

How will I be assessed?

The course is assessed by examination papers at the end of Year 11:

Paper 1 – Non-Calculator (1.5 hours) Paper 2 – Calculator (1.5 hours) Paper 3 – Calculator (1.5 hours)

Regular topic assessments and 'mock' exam opportunities will help you to prepare for the final exams.

Where can Mathematics take me?

Mathematics specific careers include:

- Actuary
- Accountancy
- Data analyst
- Engineering
- Cryptanalyst
- Stockbroker

Good qualifications in Maths are highly sought after in many areas, and often a requirement:

- Medicine
- Veterinary Science
- Computer Animator
- Games Designer
- Forensic Scientist
- Retail Merchandiser/Buyer

Still got questions? E-mail Mrs Hughes – Head of Mathematics

r.hughes@deyesghigh.co.uk

GCSE Combined Science



What is GCSE Combined Science?

This core science course covers all 3 sciences and combines them into a single qualification. Due to the vast content coverage, this qualification is worth 2 grades at GCSE. The grades are awarded as an average of the 3 sciences.

Please note: If you are interested in studying the 3 science subjects individually, please refer to the GCSE Separate Science page.

Why is Science important?

Science is everywhere in today's world. It is part of our daily lives, from cooking and gardening, to recycling and using our mobile phone. Advances in technology and science are transforming our world at an incredible pace, and your future will surely be filled with leaps in technology we can only imagine.

Being "science literate" is no longer just an advantage but an absolute necessity. We can't escape from the significance of science in our world.



Science in year 10 and 11:

In science, you will be able to link activities and experiences you come across in everyday life to scientific ideas and their implications for society. You will learn to explain theories and develop a critical approach to scientific evidence and methods. You will acquire the skills, knowledge and understanding necessary for everyday life whilst developing core scientific practical skills.



Course details:

AQA: GCSE Combined Science Trilogy

This course leads to **two** GCSEs covering all 3 science subjects, continuing what you have already been studying so far. The topics covered in GCSE Combined science are as follows:

Biology	Chemistry	Physics
 Cell biology Organisation Infection and response Bioenergetics Homeostasis and response Inheritance, variation and evolution. Ecology 	 Atomic structure Bonding Quantitative chemistry. Chemical changes Energy changes Rates of reactions. Organic chemistry Chemical analysis. The atmosphere. Using resources. 	 Forces Waves Energy Electricity Magnetism Particle model of matter. Atomic structure.

How Combined Science is assessed:

The course is assessed by 6 examination papers at the end of Year 11. The scores on each exam are combined to form 2 'averaged' grades.

- 2 Biology papers (1 hour 15mins)
- 2 Chemistry papers (1 hour 15mins)
- 2 Physics papers (1 hour 15mins)

Regular topic tests, progress assessments and 'mock' exam opportunities will help students prepare for their final exams.

PEAK – Personal Growth, Enrichment, Awareness & Appreciation and Kindness & Respect for others.



Why study PEAK?

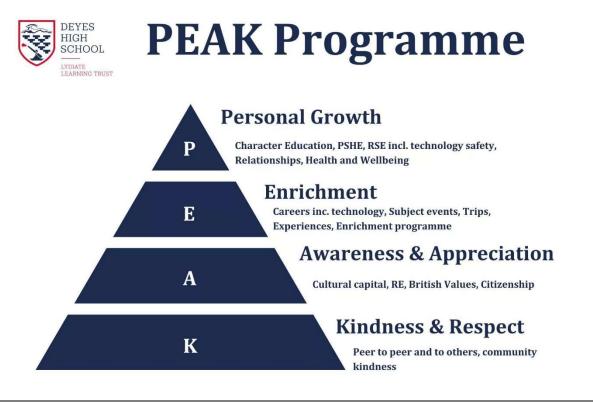
Our PEAK programme consists of carefully planned sessions to support students Personal Growth, Enrichment, Awareness & Appreciation and Kindness & Respect for Others.

Each session has been carefully tailored so that content is age appropriate and relevant to our student community.

We work with external agencies and stakeholders to inform the programme and believe it supports the development of the whole child.

Each fortnight, students receive several PEAK sessions during morning or afternoon Collective Meeting times. These meetings replace the traditional form time and enable the time to be used for focused student development.





Still got questions? E-mail Mrs Richards, Assistant Headteacher: Personal Development j.richards@deyeshigh.co.uk

Core PE



Why study Core PE?

Your health is as important as any qualifications you may gain as you progress through your education.

We aim to provide you with a broad and balanced range of activities which will keep you active as you work up to the pressures of your examinations. We hope you will find an activity (or two) that you enjoy and continue to participate in after you have left our school.

We hope to educate you about the benefits of a healthy lifestyle and persuade you to look after yourselves throughout your life. Students will be given the opportunity to enjoy a wide range of activities. You and your group will be able to make choices about your preferences and will be given the chance to enjoy activities such as:

- Dance aerobics, yoga, zumba, cheerleading
- Games—basketball, benchball, dodgeball, rugby (girls—TAG rugby), netball, football, hockey, volleyball, table tennis, badminton, cricket, tennis, softball and rounders
- Gymnastics—floor work, apparatus work, trampolining and parkour
- Athletics
- Fitness—aerobics, yoga, circuits, boxercise, HIIT training

Most importantly, we aim to ensure that all students understand that physical activity is important for their health and wellbeing and that being healthy can be fun.

For further information, please email

Mr A Ridway; Director of Learning EPA

a.ridway@deyeshigh.co.uk



GCSE Art and Design



Why study Art and Design?

The GCSE Art and Design course is for those with an interest in all things creative. Art can help you understand the world around you; you can connect with people and express yourself through creating in many ways. You will look at the work of different artists and designers from across the world and allow these to inspire your own work.

The Art department has organised trips to London and even New York, giving our students exciting and unforgettable experiences.

Studying art can lead to a wide variety of creative careers or pathways which we call 'The Creative Industries'. If you have an interest in anything visual and are keen to develop your drawing skills, then this is the course for you!



Course details:

OCR Art & Design

- * Coursework is accumulated over 2 years. All coursework accounts for 60% of your final grade.
- * You will be given a project brief to work to at the start of the course. With guidance you will be expected to produce a portfolio of artwork.
- * We will help you develop your drawing skills to a GCSE standard and encourage you to work to

your strengths, personalising your project to you and your interests. You will get the chance to explore many different techniques and materials when creating your work

* Your exam will account for 40% of your final grade. This again will start with a project brief for you to explore and generate ideas form. You will have the chance to plan and prepare in advance what you will create during the exam.



Creative industry careers:

The UK leads the way in the creative industries generating £100 billion for the UK economy, creating 3 million jobs. There are a wide variety of creative jobs that all start with studying GCSE Art and Design. At Deyes we have seen many of our art students become successful here in the UK and abroad, choosing careers in:

- Photography
- Illustration & A
- AdvertisingGraphic Design
- Architecture
- Fashion Design
- Makeup Design
- Illustration & Animation
- Games Design
- Web Design
- Film Production

How Art and Design is assessed:

- * Coursework 60%
- * Final exam 40%
- * All work is initially assessed internally before an external examiner moderates the work.

Business Studies



Cambridge Nationals in Enterprise and Marketing

Why study Business?

Imagine that you are Richard Branson or Bill Gates. Not only are they the most successful UK and American entrepreneurs of the 20th Century, but they are also the most profitable businesspeople around. Richard owns 'Virgin' and Bill owns 'Microsoft'.

They were successful because they took carefully planned calculated risks. They had great ideas, acted upon them and became hugely profitable. Do you want to know how to become a success?

Course details:

It is comprised of three units.

Unit R067: Enterprise and marketing concepts

Learners will understand the key factors to consider and activities that need to happen to operate a successful small start-up business. Topics include: - Characteristics skills, risk and reward for enterprise; Market research to target a specific customer; What makes a product financially viable; Creating a marketing mix to support a product; Factors to consider when starting up and running an enterprise.

Unit R068: Design a business proposal

This unit will provide learners with the skills and knowledge to identify a customer profile for a specific product, complete market research to generate product design ideas, and use financial calculations to propose a pricing strategy and determine the viability of their product proposal

Unit R069: Market and pitch a business proposal

This unit will provide learners with the skills and knowledge to create a brand identity and

promotional plan for their product proposal, developed in Unit R068. They will be able to pitch their product proposal to an external audience after completing a practice pitch and complete a review of both their pitching skills and product proposal, using their learning from this qualification, selfassessment and feedback generated.

How the Enterprise and Marketing course is assessed:

The Cambridge National Certificate in Enterprise and Marketing is comprised of three units.

R067: Enterprise and marketing concepts is a one hour and 30-minute written examination paper marked externally (40%).

R068: Design a business proposal. The centreassessed tasks will be practical tasks in the context of an OCR-set assignment (30%).

R069: Market and pitch a business proposal. The centre-assessed tasks will be practical tasks in the context of an OCR-set assignment (30%).

To claim the Certificate Students must complete all three units.

Careers:

Choose Business Studies allows you to access many different jobs including:

- Bank Manager
- Business Adviser
- Project Manager
- Digital Marketing Officer
- Human Resources Manager
- Marketing executive
- Teacher

It will also be invaluable if you are thinking about setting up your own business or being selfemployed in the future.

GCSE Computer Science



Why study GCSE Computer Science?

A modern course for a modern world that has real relevance today. The course will give you in-depth understanding of how computer technology works and a look at what goes on "behind the scenes" of the hardware and software that we take for granted. As part of the course, you will investigate computer programming and the interactivity of hardware and software. You will develop critical thinking, analysis and problem-solving skills and learn that algorithms are used in every part of Computer Science. An algorithm gives the computer a specific set of instructions, which allows the computer to do everything, be it running a calculator or running a rocket.

Computer Science is growing more and more in importance, it is the foundation on which the digital world is built, and you will develop understanding, knowledge, and the skills to progress to further education and employment. You will find that Computer Science provides a superb stepping-stone to the future.

Course details:

The course gives the opportunity to develop specific theoretical knowledge and skills that will be essential for employment and further education. The key areas are:

• **Component 1** includes Systems architecture, memory and storage, computer networks, network security, systems software and impacts of digital technology.

• **Component 2** includes Algorithms, Programming fundamentals, Boolean logic, Programming

languages and Integrated Development Environments (IDE).

Computer Science careers:

Studying Computer Science will give you the competitive advantage of working in the Computing industry. Computing skills are essential in a wide range of professions such as financial analysis, not just IT related jobs. Computer Science will allow you to have the flexibility and skills to work in different sectors and locations. There are several career pathways open to you e.g., Employment, Degree Apprenticeships and Further Education. Most in demand Computer Science jobs for 2021 are:

- Software developer
- Computer Network architect
- Computer Systems analyst
- Database Administrator
- Information Systems manager
- IT project manager
- Forensic Computer Analyst
- Application/Web developer
- Cyber Security

How Computer Science is assessed:

Component 1. Computer Systems. Written paper (50%).

Component 2. Computational Thinking Written paper (50%).

For further information, please email Mr C Moore; Head of ICT & Computer Science

c.moore@deyeshigh.co.uk

Construction and the Built Environment



Why study Construction?

Level 2 Constructing the Built Environment allows students to gain valuable skills in hands on construction disciplines, this will aid students who are thinking about a career in construction. Students will also gain confidence and experience regarding jobs they can undertake, allowing them to develop and undertake larger scale projects in the future. Students can apply Maths and English skills throughout the course working out costings, volumes and areas as well as writing reports for each job they complete.

Course details:

EDUQAS: Level 2 Construction and the Built Environment

A significant element of the course is to develop construction projects, this will assist learners in acquiring practical construction skills within a realistic context. Students will identify what material, tools and other resources are required, plan for the completion of the task, undertake the task and then evaluate their work.

Practical skills can be developed from; Wood, Brick, Plaster, Decorate, Electrical, Plumbing etc...

Career Opportunities:

The course offers a wide variety of career opportunities. Examples of these careers include:

- Architect
- Building Services Engineer

- Civil Engineer
- Tradesperson; Electrician, Joiner, Plumber.



How is Construction and the Built Environment assessed?

Unit 1 (40% of the course)

1 hour 30 Minutes - Examination on Key areas in construction

Students choose either - Unit 2 (60% of course) Controlled assessment 30 hours

Designing the Built Environment

- Drawing plans
- Drawing elevations
- 2D, 3D and Cad drawings

(OR) Unit 3 (60% of the course) Controlled assessment 30 hours

Constructing the Built environment

- preparing construction tasks
- Working with a range of construction materials e.g., timber, electrical painting & decorating etc...

For further information, please email Mr D Jones; Head of Design Technology & Engineering <u>d.jones@deyeshigh.co.uk</u>

Dance BTEC Tech Awards in



Performing Arts (Dance Approach)

Why study Dance?

Studying dance develops creativity, teamwork, confidence, critical thinking, self-discipline, physical health and the ability to work collaboratively - all beneficial in any 21st century career path and quality of life. BTEC Dance helps students to develop technical and expressive skills as well as knowledge and understanding of dance through performance, choreography and critical appreciation.

You must have a passion for dance and confidence to perform. You will be part of school performances and asked to attend out-of-school hours rehearsal to access the course at a higher level.



Course Outline:

BTEC Dance is completed over a two-year period, where pupils will submit coursework and practical assessments which will be marked to a Pass, Merit, Distinction or Distinction* level. Students will take part in examined group pieces and solo work.

How BTEC Dance is assessed:

The course is made up of 3 components: 2 that are internally assessed and 1 that's externally assessed.

Component 1 – Exploring the Performing Arts Industry (30% of grade)

In this component you will develop a broad understanding of performance work, looking at how dance practitioners create their work. You will study 3 professional works each of a different dance style. A written and practical assignment will be completed where you compare the 3 works and perform the different styles of dance.



Component 2 –Developing Skills and Techniques in the Performing Arts (30% of grade)

You will take part in workshops, classes and rehearsals. You will apply these skills in a solo performance and complete a written reflection on your progress, your performance and how you could improve

Component 3 - Performing to a Brief (40% externally assessed)

You will work in groups of 3-6 to produce ideas relating to the brief. You will perform an examined group piece followed by 3 written exams reflect on your rehearsal process and overall performance.



For further information, please email: *Mr. A Ridway: Director of Learning EPA* <u>a.ridway@deyeshigh.co.uk</u>

GCSE Design & Technology



Why study Design & Technology

GCSE Design and Technology is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts. Students will gain awareness and learn from wider influences of Design and Technology including historical, social, cultural, environmental and economic factors.

Course details:

AQA GCSE: Design & Technology

Students will cover core technical knowledge, designing and making principles, including a broad range of design processes, materials, techniques and equipment. Students will also study specialist technical principles in greater depth through a chosen material area.

Students will get the opportunity to work creatively when designing and making and apply technical and practical expertise.

Technological Careers:

The course offers a wide variety of career opportunities. Examples of these careers include Product Designer, Graphical Designer, Interior Designer, Architect, Structural Design, Joiner, CAD Designer, Model Maker, Set Designer, as well as multiple Engineering opportunities, or a career in renewable energy.

These are just some of the prospects open to students later in their future careers.



How Design & Technology is Assessed

AQA GCSE: Design & Technology

This exciting, ambitious and challenging course, is outlined below:

Unit 1 (50% of GCSE) 2 hour written examination on Design and Technology knowledge and understanding.

Unit 2 (50% of GCSE) 30–35 hour Design and Manufacture contextual challenge (Coursework)

Information released by AQA examination board on 1st June outlining contexts for the design and manufacture challenge.

Examples of Design and Manufacture contextual challenges are;

Design and make a product or prototype for

- A Teenage Lifestyle
- The contemporary home
- Children's learning and development
- Encouraging a Healthy Lifestyle

BTEC Digital IT



Why study Digital Information Technology?

The UK is a world leader in the digital industries, such as in the creation of visual effects for films and computer games. We need to improve the UK's capability for technical innovation and creativity in all areas. The digital sector is a major source of employment in the UK, with 1.46 million people working in digital companies and around 45,000 digital jobs advertised at any one time. Most jobs in the UK today require employees to have a good level of digital literacy.

Course details:

The course gives the opportunity to develop ITspecific *knowledge* and *skills* that will be essential for employment and further education. You will develop practical computer skills and gain experience of all the key roles in an IT project Team.

Component 1. Creating a User Interface.

Plan, design and create a user interface - **Practical Coursework (30%).**

Students are given a client brief to design, deliver and deploy an **Interactive User Interface Kiosk** for an Events Stadium using appropriate software.

The User Interface Kiosk should display information on different pages of the facilities on offer at the stadium and the UI features should allow all types of users to be able to interact with it.

Component 2. Creating a Data Dashboard

Plan, design and create a data dashboard - **Practical Coursework (30%).**

Students are given a client brief to design, deliver and deploy a 'Data Dashboard'. The student's will be given a set of 'raw data' that has been gathered from various sources. Through developing spreadsheet skills, the students will create a 'Data Dashboard' that makes the data become 'meaningful' to aid decision making.

Component 3. Effective Digital Working Practices.

Explore how organisations use digital systems.

Examination (40%)

The unit is based around the modern way of working digitally. How people work remotely using Cloud Computing technologies and work collaboratively in teams across the globe. This unit will provide the knowledge of the latest technologies to understand how you work now and in the future.

BTEC Digital IT careers:

BTEC Digital IT will give you the advantage of working in an IT related industry. IT will allow the skills and flexibility to work in different sectors and locations. Most in demand IT jobs for 2021 are:

- Network engineer
- •Systems engineer
- •Data Centre Engineer
- •IT project manager
- •Application/Web developer
- •Computer support specialist
- •Software developer

How BTEC Digital IT is assessed:

Component 1. Creating a User Interface. Practical Coursework (30%).

Component 2. Creating a Data Dashboard

Practical Coursework (30%).

Component 3. Effective Digital Working Practices.

Examination (40%)

For further information, please email Mr C Moore; Head of ICT & Computer Science

c.moore@deyeshigh.co.uk

Drama



Why study Drama?

Drama GCSE engages and encourages students to become confident performers and designers with the skills they need for a bright and successful future. Students will work over the 2 years as a performer or designer and can be sure to gather many invaluable skills, both theatrical and transferable, to expand their horizons.

Course details AQA GCSE Drama:

Component 1 Understanding Drama - Students will:

- Gain knowledge and understanding of drama and theatre.
- Study of one set play.
- Analysis and evaluate the work of live theatre makers.

Section A: Multiple choice, 4 marks question.

Section B: Four questions on a given extract from the set play chosen

Section C: One question (from a choice) on the work of theatre makers in a single live theatre production

Component 2 Devising - Students will:

- Show the process of creating devised drama through written Devising Log.
- Perform a devised piece of drama (students may contribute as performer or designer)
- Analyse and evaluate performance

Component 3 Texts in Practice - Students will:

• Perform two extracts from one play (students may contribute as performer or designer).

Careers:

Studying Drama opens many doors and can support any career aspiration

Some careers include:

- Stage management
- Directing
- Drama therapist
- Arts administrator
- Film director
- Theatre in Education



"We must all do theatre to find out who we are, and to discover who we could become"

How Drama is assessed:

The course is split into three units:

- Component 1 Understanding Drama 40% (1 hour 45 minute written exam)
- Component 2 Devising Drama—(40%) 30% written and 10% practical (Internally assessed, externally moderated)
- Component 3 Texts in Practice—Practical 20% (Externally marked)

For further information, please email Ms Neill or Mr Patten

t.neill@deyeshigh.co.uk / n.patten@deyeshigh.co.uk

Engineering

EDUQAS Level 1/2 Technical Award





Why study Engineering?

1. Prestigious Career - Non-engineers will say "wow" when they hear that you are an Engineer.

2. Logical Thinking - Your entire thought process changes. You learn how to think like an engineer. You acquire logical thinking and critical analysis skills. Decision-making skills are improved.

3. Problem Solving - You will acquire the skills and the confidence to deal with any kind of problem. You will start viewing every problem as a challenge and an opportunity to grow.

4. Financial security - Engineers take up almost 40% of the slots in the top 10 paying job lists.

5. You get a chance to improve the world -Words cannot describe the feeling when someone looks at a newly constructed bridge and says, "I built that bridge."

Where can Engineering take me?

Engineering jobs are future proofed internationally as engineers are developing the latest advances in technology in all sectors. A few examples of engineering roles are listed below:

- Aerospace Engineering.
- Nuclear Engineering.
- Systems Engineering.
- Chemical Engineering.
- Electrical Engineering.
- Biomedical Engineering.
- Environmental Engineering.
- Computer Hardware Engineering.
- Automotive Engineering

How will I be assessed?

You will be assessed through a mixture of exams and project work.

- Unit 1 will involve producing a manufacturing product, which will be worth 40% of the qualification. This can range from a basic hand tool to complex machinery. The product will need to be developed over 20 hours.
- Unit 2 will also be assessed through project work and will be worth 20% of the qualification. Here you will apply your problem-solving skills to answer a brief and produce a solution. You will produce your solution over 10 hours.
- Unit 3 will involve a single exam, which is worth 40% of your qualification. The exam will last 1 hour and 30 minutes. The exam will be made up of multiple-choice questions, and short and extended answers.

Course details:

Unit 1: Manufacturing engineering products

- Have the opportunity to interpret different types of engineering information in order to plan how to manufacture engineering products.
- Develop knowledge, understanding and skills in using a range of engineering tools and equipment in order to manufacture and test a final product.

Unit 2: Designing engineering products

• Explore how an engineered product is adapted and improved over time. It offers the opportunity to apply your knowledge and understanding to adapt an existing component, element or part of the product that you will have manufactured for Unit 1.

Unit 3: Solving engineering problems

• Introduced to a range of considerations that impact on engineering design and how modern engineering has had an impact on modern day life at home, work and in society in general. Still got questions?

E-mail Mr D Jones (Learning Manager for Design Technology)

d.jones@deyeshigh.co.uk

GCSE Food & Nutrition



Why study Food and Nutrition?

This GCSE is designed to give pupils an exciting opportunity for pupils to extend and apply their food skills, knowledge and understanding of Food and Nutrition within a variety of contexts. This course is 50% coursework based and is an excellent choice for pupils who wish to pursue a career in the nutrition or the food industry. Food and Nutrition is a practical subject and pupils will be given weekly opportunities to cook and further develop their skills.

Course details:

Food practical skills are integrated into six core topics and in Year 10 you will develop specific practical skills through a range of practical activities:

- Cooking and food preparation skills
- Food commodities
- Principles of nutrition
- Diet and good health
- The Science of Food
- Where food comes from

How will I be assessed?

This course is 50% coursework and consists of 2 Tasks, these will be completed during lessons and internally assessed. (Non-exam assessed NEA.) The written exam is worth 50% Both assessments and NEA tasks are carried out in Year 11.

NEA 1 – Food Science (15%)

This will test your understanding of the working characteristics and functional and chemical properties of ingredients. Evidence will be in the form of a piece of coursework with photographic evidence.



NEA 2 – Food Preparation Assessment (35%)

This will test your knowledge, skills and understanding in relation to the planning, preparation, cooking and presentation of food and application of nutrition related to a chosen task. Pupils will prepare, cook and present a final menu of 3 dishes in 3 hours.

Food careers – Where can the course take me?

Nutritionist, Dietician, Chef, Food product development, Health Advisor, Food standards, EHO, Food Stylist, Retail, Branding, Sports Science, Buyer, Quality control, Biochemist, Food Science, Food Microbiologist, Agricultural Science to name a few.

Still got questions? E-mail - Mrs Winn <u>f.winn@deyseshigh.co.uk</u> or Miss Dempster <u>h.dempster@deyshigh.co.uk</u>







GCSE French & Spanish



Why study French or Spanish?

To be able to compete on a national and international level, being able to speak a foreign language will make sure YOU stand out! Studying a language at GCSE will not only equip you with the subject-specific skills but it will also prove to prospective employers that you have sound communication skills, are open-minded and have an understanding of, and empathy for, other people and their cultures.

Course details:

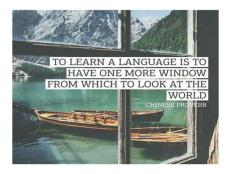
AQA GCSE: French & Spanish

During the GCSE course, students develop the vital skills to understand, communicate and interact effectively across three distinct themes relating to their own experiences and those of other people, including people in countries and communities across the world where French or Spanish is spoken.

The three main themes for study are:

- 1) Identity & Culture: Me, My Family and Friends
- 2) **Local, National, International and Global Areas**: Hometown, Neighbourhood & Region, Social Issues, Global Issues, Travel & Tourism

3) **Current and Future Study and Employment**: My Studies, Life at School, Education Post 16, Career Choices and Ambitions



How will I be assessed:

GCSE French & Spanish offer a choice of two tiers of entry, which will be decided in collaboration with your teacher: Foundation & Higher. The course is assessed with 4 examination papers at the end of Year 11 each worth 25% of your overall grade:

Paper 1 - Listening Paper 2 - Speaking

Paper 3 - Reading

Paper 4 - Writing

Regular topic tests, progress assessments and 'mock' exam opportunities will help students prepare for their final exams.

Where can Languages take me?

Studying another language not only opens doors to different career paths, opportunities, and life experiences, it also gives another perspective from which to view the world, different traditions and cultures.

Knowledge of a foreign language is a life skill; increasingly crucial as modern technology facilitates business and communication across the globe. 90% of jobs involving languages are in sectors such as sales, Marketing and Finance, **NOT** just in translation and teaching.

Taking French or Spanish at GCSE could help you pursue a career in: Journalism, Politics, Medicine, Technology, Law, Media, Translating/Interpreting, Teaching, the Tourism Industry and many more. Plus, linking a language with another subject increases your employability even more and is something universities are increasingly encouraging!

For further information, please email Miss H Smith

h.smith@deyeshigh.co.uk

GCSE Geography



Why study Geography?

Geography helps you to make sense of the world around you. It is hands on, it is relevant, and it is already part of your everyday life. As a planet, we are currently facing some of the biggest challenges that will undoubtedly shape our futures.

The course will give you the chance to get to grips with some of the big questions which affect our world; Is there any way of stopping deforestation in the Amazon? What are the causes and impacts of the climate change we are seeing today? Are drought and water shortages going to create a new wave of climate migrants? Can rivers and coastal areas in the UK be managed to protect people?

We follow the EDEXCEL A specification which has a great mix of human and physical Geography. We study content through a range of places. For example, city growth in Sao Paulo, development in India, water management in Las Vegas and the impacts of drought in Ethiopia.

Course details:

The syllabus is divided into 3 key areas:

The Natural Environment – including weather hazards, ecosystems, river and coastal processes

The Human Environment – including changing cities, global development and water resources.

UK Challenges and Fieldwork – the fieldwork section is based on two trips – one to Keswick in the Lake District and on to the river Alyn in North Wales.

The course has a lot of content – we will need you to work hard both in class and at home. Some of the exam questions are extended answers, so we will practise lots of question writing to make sure you are prepared.



How will I be assessed?

The course is assessed by examination papers at the end of Year 11:

Paper 1 – The Natural Environment (1hr 30 mins) Paper 2 – The Human Environment (1hr 30 mins) Paper 3 – UK Challenges and Fieldwork (1hr 30 mins)

We will improve your exam technique through every topic in GCSE Geography. We will give you the skills and knowledge to answer the full spectrum of questions.

At the end of every unit, you will do an assessment made up of past paper questions, to get you ready for the final exams.

Where can Geography take me?

Geography is an academic subject which will open up options for you in your future. Employers and universities see geography 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.

Currently, there are a range of exciting Geography related degrees you could study in the UK and beyond, such as;

- Disaster and Emergency Management
- Oceanography and coastal processes
- Coastal Engineering
- Urban Planning
- Geography, Mapping and Remote Sensing

Previous Geography students at Deyes have used their skills to go on to study a range of courses such as;

- Medicine
- Dentistry
- Veterinary Science
- Primary Teaching

And many of the courses listed above, of course!

If you have any further questions, please email <u>e.grayson@deyeshigh.co.uk</u>

GCSE History



Why study History?

Historical study enables us to understand the way things are in society. If society's ills are to be addressed, then they must first be understood. History is popular with students because they realise how important it is to learn lessons from the past.

The study of history can develop analytical skills like no other subject can and these skills are sought after by employers and universities alike. First and foremost, History at Deyes will get you thinking. The subject is taught in such a way that it encourages the development of opinions and independent thought through the examination of evidence.

It is important to note that reading and writing lie at the heart of the study of GCSE history and students considering history must be prepared to work hard and rise to this challenge.

In terms of results the Deyes High History Department have always enjoyed great success, and this has always been attributable to the hard work and effort of the students who opt for the subject and the staff who deliver the course.

How will I be assessed?

Examination for the History GCSE consists of three exam papers at the end of Year 11:

- Paper 1 Crime and Punishment and Whitechapel (1 hr 15 mins)
- Paper 2 Elizabeth I and the Cold War (1 hr and 45 mins)
- Paper 3 —Nazi Germany (1hr 20 mins)

Regular topic assessments and 'mock' exam opportunities will help you to prepare for the final exams

Where can History take me?

- Law
- Police
- Journalism
- Armed Forces
- Teaching
- National and Local Government
- The Media
- Archaeology
- Researcher



Course details:

Paper 1—Thematic Study and study of Local Environment

Crime and Punishment c1000 to the present day (including the Gunpowder Plot, the Witch-Hunts, the Bloody Code, Highway Robbery, Conscientious Objectors and the case of Derek Bentley.)

Study of a Historic Environment—Whitechapel, c-1870-c1900: crime, policing and the inner city.

Paper 2—Period Study and British Depth Study

Elizabethan England 1558-88 (this includes the Spanish Armada, the Execution of Mary Queen of Scots and the Ridolfi, and Babington Plots)

Superpower relations and the Cold War 1941-1991 (this includes the Berlin Wall, the Cuban Missile Crisis)

Paper 3-Modern Depth Study

Weimar and Nazi Germany 1918–1939 (includes Hitler's Rise to Power, life in Nazi Germany and persecution of minorities)

Still got questions? E-mail Miss Gilroy n.gilroy@deyeshigh.co.uk

Hospitality and Catering Level 1/2



Why study Hospitality and Catering?

This vocational course has been designed to introduce you to the Hospitality and Catering industry and prepare you for work and further study in the sector. Pupils with an interest in food and cooking would enjoy the practical nature of this course. It allows them to experience different cooking techniques and methods to enable them to use these within further education or apprenticeships.

Course details:

Unit 1 - The Hospitality and Catering Industry

- Know how food can cause ill health
- Understand the importance of nutrition when planning meals
- Understand meal planning
- Understand the environment in which Hospitality and Catering providers operate
- Understand how Hospitality and Catering provision meets health and safety requirements

Unit 2 - Hospitality and Catering in Action

- Cook dishes and develop practical skills to restaurant standard
- Use of commodities
- Produce dishes to be served on a range of different menus
- Plan, trial, prepare, cook and serve a range of dishes for a target market.





How will I be assessed?

This vocational course has a coursework element worth 60%, the written theory exam is worth 40%.

The coursework will be completed during lessons and will involve a 3 hour practical exam.

Pupils will be awarded Level 1 or 2, Pass, Merit, Distinction, Distinction*

Careers

There are a wide range of Catering courses offered at local colleges to allow you to continue developing your practical food skills and for the world of work.

Pupils who have completed this course have gone on to apprenticeships with the Hilton hotel in

Liverpool and working as a Head Chef at the luxury Malmaison and other popular restaurants in the local area.





For further information, please email Mrs Winn Learning Manager Food and Nutrition <u>f.winn@deyeshigh.co.uk</u>



Music



Why study Music?

Music is a universal language and a great way to develop confidence, creativity and group work skills. It is a subject that develops a wide range of skills and helps prepare you for the world around you. Music explores creativity and gives you the opportunity to develop knowledge and skills, self-discipline, organization and independence. Skills developed can be applied to a variety of situations and subjects. It compliments Core and EBACC choices and helps you 'stand out from the crowd' in CV's, interviews and applications. Being involved in Music is fun and offers fantastic social experiences.

Ideally you need to be already learning a musical instrument or you have played a musical instrument to roughly Grade 2 level in the past. The course also has a technology route so if you are a budding DJ this could count as your instrument.



Potential careers in Music:

As well as developing creativity and personal skills and qualities this course also helps prepare you for a wide range of careers. Some popular careers within the Music Industry include:

Musician Composer Events Manager Light/Sound technician Songwriter Record Producer Teacher Music Therapist Musical Theatre Journalist / Vlogger



Course details:

EDUQAS GCSE Music

The course is split into three components:

Component 1: Performing (30%)

Learners are encouraged to develop their knowledge and understanding of music through performing. All learners are required to perform a minimum of two pieces of which at least one must be as part of an ensemble performance lasting at least one minute. The other piece(s) may be performed either solo and/or as part of an ensemble. One piece must be linked to one of the four areas of study. The use of music technology (DJing) and improvisation is accepted within both solo and ensemble performances.

Component 2: Composing (30%)

Learners are encouraged to develop their knowledge and understanding of music through composing. All learners are required to create and develop musical ideas in relation to given and chosen briefs. Learners must submit two compositions with a total playing time of between 3-6 minutes: <u>Composition 1:</u> A free composition. Learners will compose a piece of music in a style of their own choice. <u>Composition 2:</u> A composition which responds to a brief set by the exam board (completed in Year 11). Learners need to submit recordings of each composition, a score or a detailed written description of the music plus a lead sheet outlining the melody, chords, structure and compositional devices and a nonassessed composition log.

Component 3: Appraising (Written Listening Exam) (40%)

Written examination: 1 hour 15 minutes worth 40% of qualification.

This examination will assess knowledge and understanding of music through the following four areas of study:

Area of study 1: Musical Forms and Devices Area of study 2: Music for Ensemble

Area of study 3: Film Music

Area of study 4: Popular Music.

Learners will develop knowledge and understanding of musical elements, musical contexts and musical language.

There is also two set works which will be examined on within this written paper:

1.J.S.Bach: BADINERIE from Orchestral Suite No.2 2.Africa by Toto.

For further information, please email Mrs J Byrne;

Learning Manager of Expressive & Performing Arts

j.byrne@deyeshigh.co.uk

Sport & Coaching Principles



Why study Sports & Coaching Principles?

You will learn about Physical Education and Sports Coaching the impact on sporting performance.

The sport and leisure industry is one of the largest employers in the United Kingdom and is a growth area. Taking Sports coaching will open the doorway to a level 3 BTEC in a national extended Certification in Sport, a wide range of degrees and a very broad range of careers. A PE and coaching qualification shows employers that you are a healthy individual and therefore a valuable asset to their organisation.

Course details:

Sport and Coaching Principles

The course introduces learners to the adaptations that take place in the body following exercise, how training can lead to improvements in fitness and the planning of training programmes. Students develop the knowledge, understanding and skills needed to plan training programmes to improve the fitness of individuals.

Students see how different areas of sporting performance can be improved. This will provide learners with the knowledge and understanding needed to be able to analyse sporting performance, identify strengths and weaknesses and plan for improvement.

Students will develop the skills and knowledge involved in sports coaching. This will enable them

to plan, lead and evaluate a coaching sessions within a sporting activity.

Sporting Careers:

Studying either course opens many doors and can support many career aspirations – most of them very well paid.

Some popular Sport specific careers include:

- Sports Coach
- Sports Analysist
- PE Teacher
- Sports Therapist
- Physiotherapist
- Leisure manager

How are the PE courses assessed?

Sport and Coaching Principles assessment:

Practical and coursework content is worth 60 % towards the vocational qualification

Unit 1 - Fitness for Sport (40% of qualification)

Written examination: 1 hour 20 mins.

Unit 2 - Improving Sporting Performance (25% of Qualification)

Controlled assessment: Approximately 4 hours

Unit 3 - Coaching Principles (35% of qualification)

Controlled assessment: Approximately 4 hours

For further information, please email Mr J McEvoy; Assistant head of PE and KS4 PE coordinator

J.mcevoy@deyeshigh.co.uk

GCSE Psychology



Why study Psychology?

Psychology was originally defined as the study of the mind. However, do not be misled; studying this subject will not enable you to read the minds of others, however desirable this may be! In fact, Psychologists study a wide range of human behaviours and offer various explanations as to the underlying causes of this behaviour. For example, the biological perspective would claim that aggression is caused by factors such as brain damage or hormones (like testosterone), whereas Social Learning Theory would claim that aggression is the result of people imitating behaviour that they have observed, for example, in the media. What do you think?

Course details:

Students at Deyes High School are especially privileged as they can undertake a full course GCSE/ 'A' Level in Psychology, and we are currently one of the few schools in Sefton to offer this! Students can expect to follow OCR GCSE (9-1), which includes the following topics -

- Criminal Psychology and the changing nature of punishment
- Theories of Learning and Development
- Psychological problems including Schizophrenia and depression
- Social influence including conformity and obedience
- Memory, sleep and dreaming
- Research methods—methods used by psychologists to collect their information



How will I be assessed?

Due to the nature of the topics, there will be many discussions and debates in class. You will need to be able to put forward opinions, evaluate arguments and others' points of view, be able to show initiative, especially in collecting information from different sources, and be able to evaluate that information and use it to examine issues.

Where can Psychology take me?

Psychology related careers are varied and include:

- Clinical Psychology
- Educational Psychology
- Forensic Psychology
- Teaching Mental health
- Criminal Justice
- Management

GCSE Religious Education



Why study Religious Education?

Virtually every news item on the television and in our newspapers raises moral or philosophical questions, and it is these questions that we seek to explore through Religious Education. The exciting thing about this subject is that, in many cases, there is no right or wrong, only different perspectives.

Course details:

We follow the AQA Specification A course, this covers four philosophical and ethical themes:

1. Peace, and Conflict

Includes debates about pacifism, terrorism and the use of weapons of mass destruction.

2. Matters of Life

Includes examinations of animal rights, abortion and euthanasia.

3. Crime and Punishment

Includes an evaluation of corporal and capital punishment and the forgiveness of offenders.

4. Human Rights and Social Justice

Includes an exploration of the issues of human trafficking, prejudice and discrimination and poverty.

Students will also study the beliefs, practices and teachings of Christianity and Islam.





How will I be assessed?

The course is assessed by two external exams at the end of Year 11.

Where can a qualification in RE take me?

Religious Education is invaluable in helping developing knowledge and skills such as critical analysis and evaluation. These are vital if students are to hoping to pursue studies and careers in:

* Philosophy

*Law

* Medicine

*Teaching,

*Politics

*Sociology

*Ecology

*Psychology,

* Journalism and many more!

For further information, please email Mrs A Radcliffe, Learning Manager for Religious Education

a.radcliffe@deyeshigh.co.uk

GCSE Separate Sciences



Why study Biology, Chemistry and Physics as separate sciences?

This highly sought-after academic route provides the fullest coverage of scientific knowledge, understanding and skills.

Students will gain a comprehensive education in biology, chemistry and physics, which is ideal preparation for Science A-Levels or a future science, engineering or technology-based career.

Course details:

AQA GCSE: Biology; Chemistry and Physics

This is an exciting, ambitious and challenging course, leading to **three** distinct GCSEs, graded individually for each science. The aim is to provide all students with the opportunity to:

- Develop their interest in, and enthusiasm for, biology, chemistry and physics with additional topics such as space, nanoparticles and evolution.
- Develop a critical approach to scientific evidence and methods.
- Acquire and apply skills, knowledge and understanding of how science works and its essential role in society.
- Acquire scientific skills, knowledge and understanding necessary for progression to further learning.

Separate science courses run alongside the science trilogy pathway, but with additional topics covered to further develop the student's knowledge and understanding over the whole GCSE course.





Scientific Careers:

Studying the separate sciences opens many doors and can support any career aspiration – most of them very well paid.

Some popular science specific careers include:

- Doctor
- Aerospace engineer
- Veterinary surgeon
- Chemical engineer
- Forensic scientist
- Astronaut

How are the Separate Sciences assessed?

The courses are assessed by 2 examination papers in each science at the end of Year 11:

- 2 Biology papers (1 hour 45mins)
- 2 Chemistry papers (1 hour 45mins)
- 2 Physics papers (1 hour 45mins)

Regular topic tests, progress assessments and 'mock' exam opportunities will help students prepare for their final exams.

Students will also carry out up to 11 required practicals in each science subject over the GCSE. Knowledge and understanding of these practicals will be assessed as 15 % of each of the final exams.

GCSE Photography



Why study Photography?

The GCSE Photography course is for students who are keen to work creatively and enthusiastically in a variety of photographic styles, whilst also developing skills and knowledge in the main areas of Photography and Digital Media.

If you want a career in Photography, then this is the first step towards your career progression.



Course details:

OCR Art & Design (Photography)

- * Coursework is accumulated throughout the two years. All work/project briefs set, account for 60% of your final grade.
- * You will be given a project brief to work to. With guidance you will be expected to research a project brief to produce a portfolio of photography work
- * You will be introduced to different photography techniques and methods throughout the course.
- * Students are expected to work independently and will be asked to take photographs outside of school.
- * Students will have access to the schools cameras (Although some students who prefer to work with their own equipment)

- * Students will have access to photo-shop in school and remotely at home.
- * Students must provide their own pen-drive. These can be purchased from the Art Department.
- * Visits to local, national and overseas galleries are arranged and the Department organises a very successful optional visit to New York

Photography careers:

Digital Photography is a fast growing industry and offers a variety of jobs within the field. Choosing GCSE Photography could lead onto the following careers:

- Portrait photographer
- Photo Journalist
- Forensic photographer
- Fashion Photographer
- Wedding Photographer



How Photography is assessed:

- * Coursework 60%
- * Final exam 40%
- * All work is initially assessed internally before an external examiner moderates the work.

For further information, please email Mrs L Ridway; Director of Learning Art and Design

Child Development



Why study Child Development?

This course (BTEC Tech Award Level 1 and 2) is for learners who want to acquire sector specific applied knowledge through vocational contexts by planning, developing and adapting play opportunities suitable for young children across five areas of development as part of their Key Stage 4 learning. The qualification recognises the value of learning applied knowledge and vocational attributes to complement GCSE. This qualification will broaden learners' experience and understanding of the varied progression options available to them.

Course details:

This is an exciting, ambitious and challenging course. Learners will have the opportunity to develop applied knowledge in the following areas:

- the characteristics of children's development from birth up to five years
- factors that affect growth and development
- the importance of play
- how play promotes children's learning and development
- reasons why children may need support
- child-friendly environments to support play, learning and development in children from birth to five years old
- supporting all children to learn and develop physically, intellectually, emotionally and socially, and adapting activities to support children's play, learning and development.

This Tech Award complements the learning in GCSE programmes such as GCSE English and GCSE Psychology. It is a practical introduction to the application of play opportunities for the learning and development of children in a variety of environments.

There are 3 components in the qualification.

Component 1 - Components 1 Children's Growth and Development

Component 2 - Learning Through Play

Component 3 - Supporting Children to Play, Learn and Develop

Careers:

Examples include:

registered childminder.

hospital playworker.

community nursery nurse.

nanny/au-pair.

family support worker.

outreach worker.

residential care worker

How is the course assessed?

There are 3 components in the qualification.

Component 1 - Components 1 Children's Growth and Development

Component 2 - Learning Through Play

Components 1 and 2 are assessed through non exam internal assessments.

Component 3 - Supporting Children to Play, Learn and Develop is assessed via an external synoptic (exam)