



JEDBURGH GRAMMAR CAMPUS

What Next?

**Specialising in the Third Year
2023-2024**

Kindness **Respect** **Achievement** **Wellbeing** **Learning**





Contents:

Page	Description
3 & 4	Guidance Notes to Parents
5	Guidance Notes to Pupils
6	English
7	Mathematics
8	Expressive Arts
	Art & Design
9	Music
10	Health & Wellbeing
	Home Economics
11	Elective PE
12	Duke of Edinburgh Award
13	Languages
	French & Spanish
14	Science & Technology
	Chemistry
15	Physics
15	Biology
16	Practical Craft Skills
17	Administration & IT
18	Business Studies
19	Computing
20	Graphic Communication
21	Young STEM Award
22	Social Subjects
	Modern Studies
22	History
23	Geography
24	Core Subjects
	Personal & Social Education
	Core Physical Education
25	Core Health & Wellbeing
	Religious & Moral Education



GUIDANCE FOR PARENTS

In S3 the school will continue to offer a broad curriculum for all students with further opportunities for specialisation.

Core:

- English and Literacy
- Mathematics and Numeracy
- Personal and Social Education
- Physical Education
- Religious and Moral Education
- Health & Wellbeing

All students will continue to study:

Choice:

In addition students will choose to specialise in nine discrete subjects across the remaining curricular areas. You should aim to choose **one** subject from each of the following curricular groupings plus four additional subjects from any group:

Social Studies	Geography, History or Modern Studies
Sciences & Technologies	Biology, Chemistry, Physics, Administration & IT, Business Studies, Computing Science, Practical Craft Skills, Graphic Communication or Young STEM Leader Award
Expressive Arts	Art & Design or Music
Languages	French or Spanish
Health & Wellbeing	Home Economics, Physical Education or Duke of Edinburgh Award

All courses in S3 will focus on Experiences and Outcomes from Levels 3 and 4 of Curriculum for Excellence to provide a broad and challenging education. They will also begin preparation for National 4 and 5 courses, which may include some coursework and assessments.

At the end of S3 students will choose which of their S3 subjects they wish to continue to study for the new National Examinations in S4 and beyond.



WHAT TO DO

- 1 Parents and carers should read this booklet fully in conjunction with the S3 option choice form.
- 2 Parents and carers have the opportunity to gain further information at a parents' meeting before the choice form needs to be returned. This is a chance to meet individual class teachers and discuss the S2 report and subject choices.
- 3 Parents and carers who continue to have unresolved doubts or difficulties concerning subject choice may seek further information or advice by contacting, initially, their child's Pastoral Teacher who has a special responsibility for, particular knowledge of, and specific detailed information about that child.
Such contact is best made by telephoning the school to make an appointment to see the Pastoral Teacher at a time suitable to all concerned.

TELEPHONE: 01835 863273
ASK FOR AN APPOINTMENT WITH YOUR CHILD'S PASTORAL TEACHER

NOTE

While the School will make every effort to continue to offer the widest range of courses possible, we cannot guarantee that any particular course will run or that a place will be available for every pupil.



GUIDANCE FOR PUPILS

Pupils should note the following pieces of good advice.

Choose your subjects for **GOOD REASONS**:

- (a) You are good at the subject and you like it.
- (b) The subject is necessary or useful for the kind of work or career you have in mind.
- (c) The subjects chosen will keep as wide as possible the range of courses or careers open to you.

Do not choose subjects for **BAD REASONS**:

- (a) Your friend is taking the subject, so you will take it.
- (b) You like the teacher, not the subject. Remember you may not have the same teacher next year.
- (c) You think a subject will be easy and that you will not have homework. Remember that all subjects demand effort and work if you are to be successful.

If you have any difficulty or any doubts about making a decision about your course you should consult the following people:

- (a) Your Subject Teachers, particularly the Teachers in charge of departments
- (b) The Pastoral/Careers Staff
- (c) Your parents and other relatives and adults.

Your choice of course, to some extent, will depend on the course or career you would like to take when you leave school, because there are certain subjects which you must take if you wish to follow a particular career. Consult the following before you make your decisions:

- (a) Your Pastoral Teacher - for information on courses and subject requirements
- (b) The Careers Adviser - for information on careers and subject requirements
- (c) Log in to My World of Work

**PLAN
AHEAD**

**ON RECEIVING YOUR CHOICE SHEET, READ THE
INSTRUCTIONS CAREFULLY BEFORE MAKING ANY ENTRIES**

Your Pastoral Teacher, Subject Teachers, Heads of Departments, Depute Head Teacher and the Head Teacher are all willing and available to give individual advice before final choices are made.

**THINK
CAREFULLY**

**ASK THE
RIGHT
QUESTIONS**

**ASK THE
RIGHT
PEOPLE**

**CHOOSE
WISELY**



DESCRIPTIONS OF S3 COURSES

ENGLISH

In S3 pupils will continue to develop the skills outlined in the Experiences and Outcomes, for English and Literacy, in the Curriculum for Excellence.

In S3 Classes will continue to be broadly set and will lead on to National qualifications in S4 at National 4 and National 5. However, because English is a skills-based subject the general skills – taught and practiced – of Reading, Writing, Talking and Listening – are more or less the same at each level. The difficulty of the texts studied and the quality of work expected are the main differences between the classes. This means that the National qualification pupils sit in S4 will be determined by the quality of work that the pupil produces, not by which class he/she has been placed in.

The course provides a balance of classroom activities in all four modes:

- ◆ The reading and appreciation of literature (to include Drama, Poetry, Novel and Short Story)
- ◆ The study of language
- ◆ The study of methods of written and oral communication
- ◆ The opportunity to express and practise what is learned [above].

ASSESSMENT

This will be done through the appropriate use of a mixture of written and oral methods. Although pupils will not be sitting formal National qualifications in S3 they will be given assessments following the formats that will be used in S4 to allow them practice in that vital element. Additionally, this will allow the teachers and pupils to make an informed decision about which of the National qualifications it would be most appropriate for them to work towards.



DESCRIPTIONS OF S3 COURSES

MATHEMATICS

The courses in Mathematics teach pupils to describe, tackle and solve real life problems. The courses will be tailored to suit the ability of the pupil.

The areas which are covered are:

- ◆ Numeracy
- ◆ Algebra
- ◆ Geometry
- ◆ Statistics

The courses will contain non-calculator work as well as work using a calculator and pupils will be expected to have a scientific calculator.

What skills will my child develop?

- ◆ The ability to select and apply mathematical skills to straightforward real – life problems or situations.
- ◆ Identify and apply appropriate mathematical operational skills to tackle straightforward real – life situations or problems.
- ◆ Confidence in the subject and a positive attitude towards the use of mathematics.
- ◆ Use mathematical reasoning skills to assess risk, draw conclusions or explain decisions.

What will my child experience during the course?

- ◆ Active & independent learning across a range of tasks and activities.
- ◆ A blend of classroom approaches to teaching to motivate learners to understand Mathematical concepts.
- ◆ Applying learning to real life situations and using skills in other subjects.
- ◆ Collaborative learning using technology to engage learners in the world of Mathematics.

ASSESSMENT

All courses will lead onto National Qualification at National 5 Maths, National 4 Maths, National 3 Applications of Mathematics or Personal Finance.



DESCRIPTIONS OF S3 COURSES

EXPRESSIVE ARTS ART & DESIGN

Our S3 course prepares and equips pupils with the skills and knowledge for the onward journey to National courses in the Senior phase.

There are two main areas of study: Expressive and Design. Along with each area critical studies are embedded ensuring pupils have an understanding of the importance of key figures in history as well as today.

Expressive Activity

Develops pupils' abilities to express personal ideas, observations, thoughts and feelings using visual methods. Pupils will experiment and explore with media, materials, techniques and technology. Through exploring a theme, pupils will produce expressive artworks in drawing, painting, sculpture and/or print. Alongside the practical work pupils will explore artists related and designers and the factors and influences which affect their work.

Design Activity

Developing skills in problem solving and critical thinking, pupils will tackle real-life design projects. Pupils will respond to a brief and work to achieve a successful solution in an area such as Graphic Design, Ceramics, Jewellery, etc. Through the study of designers who work in a related area, pupils will explore the influences and impact of their designs and the role of the designer in society.

Value of course

The study and practice of Art and Design can be a deeply fulfilling and enjoyable experience, leading to a life-long interest and a lasting appreciation of the Fine Arts and all aspects of Design as well as gaining skill and knowledge that are transferable across the subject, areas and valued in further learning and careers such as creative thinking and problem solving. Careers which might be followed on leaving school in the visual and creative industries are such as; artist, architect, landscape architect, sculptor, stage and make-up artist, and designers in a wide range of areas such as; interior design, photography, film and animation, furniture, product, illustration, digital design, graphic design, and many others. Examples of other areas which benefit from the study of Art and Design are Primary/ Secondary teaching and hairdressing.



DESCRIPTIONS OF S3 COURSES

EXPRESSIVE ARTS

MUSIC

There three elements in the S3 music course. These are Performing, Composing and Understanding Music and will be internally assessed this year.

Music: Performing

Learners will develop performing skills on their two chosen instruments (or voice). They will be assessed on how well they perform on their instruments while maintaining an appropriate tempo, flow and the accuracy of their playing. This element is the area we spend most time on in class.

Composing Skills

Learners will develop skills in creating their own original music. Learners will learn to explore, experiment with, and apply straightforward compositional techniques. Learners will also learn about music theory to help them write their own music.

Understanding Music

Through listening, learners will develop knowledge and understanding of music, music concepts, and basic musical literacy. This knowledge and understanding will be enhanced from a variety of topics. Learners will explore styles and genres of music and become familiar with identifying them.

Homework

Pupils are expected either to practise at home on their instruments (where possible) or use lunch time sessions to help them develop skills on their chosen instruments. Instruments can be loaned to pupils for the purpose of practice at home.

COURSE UNITS

Performing Skills, Composing Skills, Understanding Music. We will explore these units through learning about Vocal Music, Instrumental Music and Music Styles as well as creating a composition toward the end of the year.

Skills useful to the course

- ◆ Pupils should enjoy practising on their chosen instrument or voice and sometimes be willing to put in some extra work at home/at lunchtime.
- ◆ Pupils should enjoy listening to a variety of different styles of music.
- ◆ Pupils should be able to work independently, as Music is a subject where no two pupils are doing the same work.



DESCRIPTIONS OF S3 COURSES

HEALTH & WELLBEING HOME ECONOMICS

This course is food based and contains a practical component. It is designed to develop learner's practical cookery skills and techniques as well as their knowledge and understanding of ingredients, nutrition and health. The course lays the foundation for lifelong learning and a healthy life, as well as Skills for Life (Health & Wellbeing) and Skills for Work (literacy, numeracy, time management, teamwork).

Pupils will develop and build on the cookery techniques they have covered in S1 and S2 whilst progressing through a series of practical units. These will include:

- ◆ **Lets Cook** preparation skills and techniques
- ◆ **JGC Bake Off** cakes/cake decorating inc. a large Christmas cake
- ◆ **Design Challenge** current dietary advice, designing a new product
- ◆ **Fit for Life** meal preparation to prevent dietary diseases.

Underpinning the practical work, pupils will become aware of the importance of sourcing local and seasonal ingredients and use their knowledge of basic nutrition and dietary goals when planning, preparing, evaluating meals. Safe and hygienic practices will be taught throughout.

SKILLS AND PERSONAL QUALITIES USEFUL TO THE COURSE

- ◆ A genuine interest in food and practical cookery and a willingness to learn new skills
- ◆ To take responsibility to be organised with the correct equipment for all lessons
- ◆ The ability to evaluate your work and that of others
- ◆ To take responsibility for ensuring high standards of personal and kitchen hygiene
- ◆ An ability to work hard, organise tasks and manage time well

VALUE OF THE COURSE

The course is designed for those who are interested in food and developing skills that can be used at home and in the wider community. It will prepare pupils for progression into National 4/5 courses in Health and Food Technology and Hospitality.



DESCRIPTIONS OF S3 COURSES

HEALTH & WELLBEING ELECTIVE PE COURSE

This course enables all learners to succeed in a range of physical activities. The activities may include Badminton, Basketball, Football, Handball, Hockey and Fitness although these may vary according to the facilities available and group dynamics.

The course will be practical based and the knowledge and understanding required will mostly be delivered through practical work. Pupils will be taught how to talk about and demonstrate their K&U of the key features which impact on sporting performance. They will also be asked to consider and analyse the way they train and practise and how this affects their future performance

ASSESSMENT

Practical performance will be continually assessed throughout the course by the class teacher. There will be opportunities for pupils to carry out self and peer assessment.

Skills & Personal Qualities Useful to Course

- ◆ A genuine interest in sport and practical activity and a willingness to learn new skills
- ◆ High levels of effort and participation in all activities in S1 and S2 are essential for your entry to and success in this course
- ◆ Ability to listen to and observe your teacher and your peers and learn from this.
- ◆ Understand that the course will have a theory element and a small amount of written work and homework is required.

VALUE OF THE COURSE

Participation in this course will improve performance levels in sporting activity, fitness level and Health and wellbeing.

It will also build the fundamental skills and knowledge required for National 4 and 5 and Higher PE.



DESCRIPTIONS OF S3 COURSES

HEALTH & WELLBEING

DUKE OF EDINBURGH AWARD

COURSE SYNOPSIS – OUTDOOR EDUCATION – INCORPORATING DUKE OF EDINBURGH BRONZE AND JOHN MUIR DISCOVERY AWARD SCHEMES.

This course will provide pupils with the opportunity to achieve the Bronze Duke of Edinburgh award, along side the John Muir Discovery award. Both these awards are highly recognised with clear links to the curriculum for excellence as they support the development of children to be successful learners, confident individuals, effective contributors and responsible citizens. Both schemes focus on developing skills for learning, life and work and recognising the breadth of young people's achievement. They will also help to support pupils engagement in the outdoors, sustainability, nature and the environment.

The course will predominantly focus around the pupils completing the Bronze Duke of Edinburgh award. With the John Muir Discovery award being completed additionally through the volunteering section of the DofE award. Pupils will also achieve a 1st aid certification during the course.

What is the Duke of Edinburgh's Award?

As the job market continues to get more competitive and more people gain degrees and other higher education qualifications, employers are looking for other means of determining the strength and quality of candidates. Each year the DofE is regularly stated by graduate employers as being a definitive qualification for demonstrating that an individual has the rounded set of skills and the qualities for which they are looking. The percentage of among these job applicants who have completed a DofE award is very low, which ensures it continues to be a very prestigious achievement and means that those who complete it will stand out from the crowd!

The main reason why the DofE maintains such a fantastic reputation is because it requires motivation, commitment and maturity from the participants. They have to take responsibility for all aspects of their DofE experience.

What makes up the Award?

The Duke of Edinburgh's Award consists of four sections.

Skill Section – Participants must spend approximately one hour per week learning a new life skill (outside of school lessons). There are hundreds of different activities that young people can choose from. Popular choices include music, art, drama, cooking, woodwork, learning a language and photography. Unfortunately sports cannot count for this section (even though you need to learn skills to do them); this is because sports come under the 'physical recreation' section.

Volunteering Section – This section requires participants to spend approximately one hour per week doing voluntary work. This gives participants the opportunity to get out into their communities and give something back. This section will link with the John Muir Discovery award with pupils engaging in a project to benefit the community, environment and nature within the town)

Physical Recreation Section – This section requires participants to spend one hour per week of their own time engaging in physical recreation. It can be any form of activity and does not need to be in a team or competitive environment.

The Expedition section - The Duke of Edinburgh's Award Expedition is a unique opportunity for your child to experience self-reliance and team work in an outdoor environment. The expedition takes two days (1 night), the participants will be walking in a lowland area. Participants must complete a self-sufficient journey. This means that the participants will walk without direct adult supervision, on an agreed route, and must carry all the equipment and food they will need for the duration of their expedition.

Participants will have to undertake training to ensure they have the necessary skills and knowledge for the expedition.

For all levels of the DofE Award, there should be a regular commitment averaging at least an hour a week for each of the volunteering, skill and physical recreation sections for the following time period:

Bronze Award (for young people in S3 and aged over thirteen). All participants must undertake a further three months in the Volunteering, Skills or Physical Recreation Sections (so they do one section for 6 months and two for 3 months)

The course requires total commitment from the pupils both through the classroom based sessions, homework set tasks relating to the sections and to attend additional extra curricular training sessions as well as the Practice and Qualifying Expedition. These sessions would be no more than 5 Wednesday or Friday afternoons and then 4 days out to complete the practice and qualifying expeditions. These extra sessions will be mandatory to make sure pupils have the correct knowledge before they take part in their expeditions.

Kindness **Respect** **Achievement** **Wellbeing** **Learning**



DESCRIPTIONS OF S3 COURSES

LANGUAGES

FRENCH & SPANISH

In S3 pupils of all abilities are given the opportunity to further develop the skills learned in S1-S2 French and Spanish to allow them to understand and use the language with increasing confidence in real-life situations.

French and Spanish are then offered as choices to pupils in S3, and as this is a more intensive course it will be of benefit if pupils have already experienced some success in learning another language.

These courses have two elements:

1. **Understanding Language** which involves listening to recordings, watching videos and reading texts from authentic sources including magazines, newspapers and websites.
2. **Using Language** which involves the practical application of the foreign language to communicate ideas verbally and in written form.

These two elements are developed through various themes, reinforcing and developing the vocabulary, language structures and grammar required: Personal Information, School, Family, Leisure & Health, Jobs & Future Plans,

ASSESSMENT

S3 assessment is designed to be compatible with and prepare students for the requirements of National 4/5.

1. **Listening:** Pupils listen to recorded texts in French/Spanish and answer questions in English.
2. **Reading:** Pupils read printed texts in French/ Spanish and answer questions in English.
3. **Talking:** Pupils take part in a conversation with a classmate or the teacher in French/Spanish on a familiar topic or topics.
4. **Writing:** In this assessment task pupils use their language skills to produce a piece of written work in French/Spanish on a prepared topic.



DESCRIPTIONS OF S3 COURSES

SCIENCE & TECHNOLOGY

CHEMISTRY

In simplest terms, Chemistry is the science of matter. Anything that can be touched, tasted, smelled, seen or felt is made of chemicals. Chemists are the people who transform the everyday materials around us into amazing things.

Learners will develop skills in carrying out investigations to develop your practical techniques and develop your literacy, numeracy and problem-solving skills.

In S3 you will build on the knowledge and skills you have learned in S2 Science. The units you will study are as follows:

- Unit 1 – Chemical Changes and Structure
- Unit 2 – Nature's Chemistry
- Unit 3 – Chemistry in Society

Progress will be assessed throughout the course and you will be expected to complete regular homework. You will be able to progress to National 4 or National 5 qualifications in S4.



DESCRIPTIONS OF S3 COURSES

SCIENCE & TECHNOLOGY

PHYSICS

Physics is the science which tries to explain the world around. Topics such as energy, electricity, movement, space, particle physics, radiation and waves are all studied in Physics.

Learners will develop skills in performing calculations, measuring, drawing graphs, reading for information, and problem-solving.

In S3 you will build on the knowledge and skills you learned in S2 Science.

The topics covered in S3 are:

- ◆ Dynamics
- ◆ Space
- ◆ Waves
- ◆ Radiation
- ◆ Electricity
- ◆ Energy

Each unit will have a separate assessment and you will be expected to complete regular homework. You will be able to progress onto National 4 or National 5 qualifications in S4.

BIOLOGY

Biology is the science of life. It is the study of living organisms, including their physical structure, chemical processes, development and evolution.

Learners will develop skills in literacy, numeracy, practical techniques and problem solving.

In S3 you will build on the knowledge and skills you learned in S2 Science. The units you will study are:

- ◆ The Environment
- ◆ Cells
- ◆ Reactions
- ◆ Reproduction & Cell Division
- ◆ Inheritance

Each unit will have a separate assessment and you will be expected to complete regular homework. You will be able to progress onto National 4 or National 5 qualifications in S4.



DESCRIPTIONS OF S3 COURSES

SCIENCE & TECHNOLOGY PRACTICAL CRAFT SKILLS

Statement on skills

Students will develop their safe use of basic hand tool and machine tools in the manufacture of simple projects and develop skills in the use of machines such as wood turning and metal lathes, mortise machines, drills etc. Their design skills and knowledge will be further developed by working through the design process and producing a design brief to solve a given problem. Students will progress their skills in orthographic sketching, drawing and rendering alongside 2D and 3D sketching covering a range of different pictorial views. They will be introduced to CAD and 3D modelling from a brief while also covering and developing skills in graphs and charts reading and creating them from data sourced.

Statement on assessment

All projects will be assessed by teachers, peers or pupils depending on their project. Assessment will be in the form of homework exercises, class tests, teacher observations and end of session examinations.

Progression

This course is useful for those interested in the construction industry, architecture, engineering and design related careers. Pupils will be able to progress onto N4, N5, Higher and Adv. Higher courses in Design and Manufacture. Pupils will also be able to progress to N4 and N5 Practical Woodworking.



DESCRIPTIONS OF S3 COURSES

SCIENCE & TECHNOLOGY ADMINISTRATION & IT

Do you enjoy working with ICT? Would you like to enhance your skills in using office packages to produce eye-catching and purposeful documents? Do you want to equip yourself with many core skills which will help you throughout your school life and beyond?

Course Information

S3 Administration and IT will enable learners to develop an understanding of administrative activities in the workplace. It will allow young learners to carry out a range of practical tasks essential for the smooth running of all types of organisations. Learners can expect to develop their knowledge and understanding whilst enhancing their IT skills in the following:

- ◆ Word processing
- ◆ Spreadsheets
- ◆ Databases
- ◆ Publisher
- ◆ PowerPoint
- ◆ Using the internet, email and E-diary
- ◆ Organising, processing and communicating information
- ◆ Organising small-scale events (including meetings)

Learners will have the opportunity to use various packages to complete administrative tasks and become familiar with many administrative practices such as office layout, health and safety in the work environment, arranging travel, customer services and storage of information. Learners will be able to use these technologies to create, present and record their own ideas which will enhance their confidence and abilities necessary for active citizenship, a key part of which will be the world of work.

Assessment

A mixture of practical and theory-based assessments to evaluate pupils' progression throughout the course. Assessment will be in the form of teacher observations, homework exercises and end of unit class tests.

Progression

- ⇒ National 4 or 5 Administration & IT
- ⇒ National 4 or 5 Business Management



DESCRIPTIONS OF S3 COURSES

SCIENCE & TECHNOLOGY BUSINESS

Have you ever wondered what makes one business more successful over another? What do businesses do to entice their customers to buy their products? Do you have an interest in how businesses operate and why society relies on business? Would you like to have your own business? Do you think of yourself as entrepreneurial?

Course Information

The S3 Business course develops learners' understanding of the way in which businesses operate in the current dynamic, changing, competitive and economic environments and to encourage entrepreneurial attitudes. It highlights the importance of business activity, ways in which organisations operate to manage business resources and the steps that they take to achieve their goals. The course aims to enable learners to develop:

- ◆ Knowledge and understanding of the way society relies on business to satisfy our needs
- ◆ Insight into the contribution people make to business activity
- ◆ The various types of businesses (private, public, third) and how to set up a business
- ◆ An insight into the marketing strategies used by businesses to ensure customers' needs are met
- ◆ Enterprising skills and attitudes
- ◆ An understanding of the steps taken by organisations to improve their corporate social responsibility and environmental impact
- ◆ An awareness of how external influences like the economy and changes in social tastes and trends impact on a business

Learners will be able to acquire and enhance their skills for learning, life and work throughout the course in:

- ◆ Enterprise
- ◆ Employability
- ◆ Financial awareness
- ◆ Numeracy and Literacy
- ◆ ICT
- ◆ Analysis, evaluation and decision making
- ◆ Communication

ASSESSMENT

Pupils will experience a variety of teaching methods including class and group discussions, use of real-life examples and practical assignments. Homework and end of unit tests will evaluate pupil progression. As part of their final assessment, they will complete a market report where they develop a new idea for a product of their choice.

Progression

- ⇒ National 4 or 5 Business Management
- ⇒ Higher Business Management

Kindness **Respect** **Achievement** **Wellbeing** **Learning**



DESCRIPTIONS OF S3 COURSES

SCIENCE & TECHNOLOGY COMPUTING

The Computing course in S3 enables students to develop their computational thinking skills in a wide variety of learning opportunities. Computational thinking involves taking a complex problem and breaking it down into a series of small, more manageable ones (**decomposition**). Each of these smaller problems can then be looked at individually, considering how similar problems have been solved previously (**pattern recognition**) and focusing only on the important details, while ignoring irrelevant information (**abstraction**). Next, simple steps or rules to solve each of the smaller problems can be designed (**algorithms**).

The course content will include:

- ◆ Development of computer programs to solve problems
- ◆ Mobile App development
- ◆ Investigating the threats to security such as hacking, malware and phishing.
- ◆ Website design and development
- ◆ Working with the elements required for multimedia (graphics, video and sound)
- ◆ The study of the parts of the computer and the computer network
- ◆ Organisation, searching and sorting data

The progress of students will be assessed throughout the course by practical evidence and written assessment. Written homework will be issued regularly to reinforce the learning and to prepare students for written assessments.

Progression:

- ◆ National 4/5 and Higher Computer Science
- ◆ Level 4/5 and Higher Computer Game Development



DESCRIPTIONS OF S3 COURSES

SCIENCE & TECHNOLOGY GRAPHIC COMMUNICATION

Statement on skills

Students will progress their skills in orthographic sketching, drawing and rendering alongside 2D and 3D sketching covering a range of different pictorial views. They will be introduced to CAD and 3D modelling from a brief while also covering and developing skills in graphs and charts reading and creating them from data sourced.

Statement on assessment

All projects will be assessed by teachers, peers or pupils depending on their folio. Assessment will be in the form of homework exercises, class tests, teacher observations and end of session examinations.

Progression

This course is useful for those interested in the construction industry, architecture, engineering and design related careers. Pupils will be able to progress onto N4, N5 and Higher courses in Graphic Communication.



DESCRIPTIONS OF S3 COURSES

SCIENCE & TECHNOLOGY YOUNG STEM AWARD

SCQF Level 4 Young STEM (Science Technology Engineering Maths) Leader Award

The SCQF Level 4 Young STEM Leader Award is a nationally recognised qualification that enables young people to support, engage and inspire others in STEM in their school. You should choose this option if you have a keen interest in all aspects of science, technologies and maths.

Young STEM Leaders (YSLs) will deliver activities, events or interactions which share the impact of STEM with others. This may be completed by supporting and facilitating STEM club which takes place during lunchtime. Therefore, there is an expectation that those choosing YSL will be able to attend and support this club. In addition, YSLs are encouraged to explore and improve their own leadership and teamworking skills and qualities within their learning community.

Throughout the year YSLs will be assessed by the completion of 6 tasks as detailed below:

Task 1 - Improving leadership skills and qualities

Task 2 - Leadership and teamwork

Task 3 - The impact of STEM

Task 4 - Identifying risks in STEM activities, events and interactions

Task 5 - Plan, lead and evaluate STEM activities, events and interactions

YSL4 Log

On completion of the award, the Young STEM Leader will be able to plan, lead and evaluate STEM activities, events and interactions which promote the impact of STEM. Furthermore, YSLs will gain 3 Scottish Credit and Qualifications Framework (SCQF) credit points.



DESCRIPTIONS OF S3 COURSES

SOCIAL SUBJECTS MODERN STUDIES

The S3 Modern Studies course provides scope for critical evaluation of how we, as an individual and within society, can interpret external factors in order to better understand the nature, extent, and impact of a person's, or group of persons', behaviour and what motivates them on an individual and/or social level. Throughout the year pupils will be looking to examine the extent to which external factors influence the behaviours and motivation of people's interactions with other and society. This will be examined in a variety of contexts as listed below. The assessment for each of these units will be ongoing throughout the year in a variety of formal and informal pieces of work.

Contexts for learning:

- ◆ **Society, culture, and inequality**
 - ⇒ The ways in which people interact with themselves and others
- ◆ **Power, authority, legitimacy, and leadership**
 - ⇒ The ways in which countries operate and the lives of people within them
- ◆ **War, conflict, and terrorism**
 - ⇒ The causes, consequences, impacts, and efforts to resolve issues of conflict throughout the world
- ◆ **Added Value Research Project**
 - ⇒ An independent project involving personalised research into an individually selected area of study

HISTORY

The course aims to develop the pupils' understanding of history, their powers of analysis and their ability to draw conclusions from different types of evidence. It also provides regular opportunities for pupils to improve on their communication and presentational skills.

Working with a wide range of straightforward audio-visual as well as written extracts, pupils will learn to evaluate the usefulness and purpose of sources, and to identify and compare different historical view points. They will work both independently and in groups and where appropriate engage in field trips, discussion and informed debate.

The course consists of a study of the following topics :

- ◆ Votes for Women
- ◆ World War II and The Holocaust
- ◆ Apartheid and South Africa
- ◆ Migration and Empire

All topics will further enhance skills in source question handling which will be of great benefit for the National History course.

ASSESSMENT

This will be a blend of continuous class-work tasks, peer group evaluations and more formal source based end of unit tests. In the course of the year pupils will be required to present at least one research project either in written or digital form.

Kindness **Respect** **Achievement** **Wellbeing** **Learning**



DESCRIPTIONS OF S3 COURSES

SOCIAL SUBJECTS

GEOGRAPHY

The aim of the S3 Geography course is for pupils to explore and understand the great differences in cultures, political systems, economies, landscapes and environments across the world, and the links between them. Studying Geography will help you to be more socially and environmentally sensitive, better informed, and more responsible as a citizen.

Some of the subject-specific skills you may hone by studying geography include the ability to think 'spatially' across multiple scales, preparing effective maps and diagrams, conducting fieldwork and data collection. Your studies in geography will also develop some more general skills which will be useful in the future. These include developing a reasoned argument, critical thinking, the ability to think about moral and ethical issues, teamwork, communication, and problem solving.

During the year we will be looking at the following key topic areas spanning human and physical Geography:

- **International Development:** what it is, how we can measure it and what impacts it e.g. disease and gender)
- **Coastal Environments:** what shapes our coastlines and how is it used e.g. case study of the Moray Firth coastline
- **China:** physical landscapes, population, and environmental implications e.g. eco-cities)
- **Glaciation:** the power of glaciers and how the landscapes they create are used)
- **Independent project**



DESCRIPTIONS OF S3 COURSES

CORE SUBJECTS

PERSONAL & SOCIAL EDUCATION

The S3 PSE programme consists of a range of activities and topics that addresses the developing needs of students and encourages important skills such as planning, decision making, managing personal relationships and researching. Through the course students will be expected to work individually and in groups to discuss and display work using a variety of media. During the year we are lucky to have support from a number of outside speakers who deliver input in PSE lessons as well as the Pastoral staff.

A range of topics are covered including the following:

Study, Careers, Pressures, Depression, Keeping Myself Safe, Sexting, Alcohol, Drugs, SHARE (Sexual Health and Relationship Education), LGBT+ issues, Exam Preparation and PLPs.

CORE PHYSICAL EDUCATION

Physical Education is an integral part of the education of every child from nursery through to senior school. Therefore, every student should have the opportunity to participate in a quality physical education program. It is the role of quality physical education programs to help students develop health-related fitness, physical competence in movement activities, cognitive understanding, and positive attitudes toward physical activity so that they can adopt healthy and physically active lifestyles in the present and the future.

Jedburgh Grammar School's core physical education program is extensive and offers a broad range of activities for students to engage in. We continue to develop the significant aspects of learning under the four main areas: Physical Competencies, Physical Fitness, Personal Qualities and Cognitive Skills.

Full participation in core physical education is essential for the health and well being of every student. It is important that this is recognised and supported by students and parents.



DESCRIPTIONS OF S3 COURSES

CORE SUBJECTS

CORE HEALTH & WELLBEING

This course develops learners' knowledge and understanding of a range of topics linked to their own wellbeing and the wellbeing of others. All learners will go through the SQA Wellbeing Award and will receive formal recognition on their SQA certificate should they pass the two units: – Exploring Wellbeing and Improving Wellbeing. As part of the Exploring Wellbeing unit, learners will investigate wellbeing in two different contexts and present their findings in a small report. As part of the Improving Wellbeing unit, learners will plan for and undertake a small project aimed at improving their own personal wellbeing.

Some of this course will be practical, at which time PE kit will be required.

RELIGIOUS & MORAL EDUCATION

The S3 RME Course will continue to follow the Experiences and Outcomes outlined in the Curriculum for Excellence, but also obtain National 4 or 5 unit passes in Religious, Moral and Philosophical Studies.

The topics that pupils will cover in S3 are:

- ◆ Moral Issues: War – Right or Wrong
- ◆ World Religion: Islam – study of religion

Learners may also have the opportunity to research a moral issue of their choice.