

## **Key Stage 4 – Curriculum Plan**

### **Aims of curriculum**

- Broad and balanced – providing opportunities for accreditation in both academic and vocational subjects
  - GCSEs in English and Mathematics
  - Functional Skills (Level 1 & 2) in English and Mathematics
  - BTEC Level 1 Introductory Award/Certificate in Vocational Studies (see below)
  - Gateway Qualifications
  - Digital Skills Award (BCS) & Flexiqua Award
  - AQA Unit Awards
- Meet the needs of each individual student – socially, emotionally and academically
- Providing development of social and emotional skills through Thrive and enrichment activities with an SMSC focus

### **BTEC Level 1 Introductory Award in Vocational Studies**

Core Unit A2 Developing a Personal Progression Plan, and 2 sector units choosing from AD5 Creating an Art Image, CON7 Making Carpentry Joints, HT5 Preparing and Cooking Food, SP7 Playing Sport

### **BTEC Level 1 Introductory Certificate**

Core Units A1 Being Organised and A2 Developing a Personal Progression Plan, and 3 sector units choosing from AD5 Creating an Art Image, CON7 Making Carpentry Joints, HT5 Preparing and Cooking Food, SP7 Playing Sport

Curriculum Area	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>KS 4 English</b>	Reading and comprehension skills Reading a variety of non-fiction texts Descriptive writing	Explore techniques in horror and supernatural fiction Write an opening to a gothic horror story Preparation for Functional Skills exam	Reading and comprehension skills Reading a variety of non-fiction texts Preparation for Functional Skills exam	GCSE Exam practice and preparation	GCSE Exam practice and preparation	Exploring techniques in fiction Writing a story in 100 words
<b>KS 4 Mathematics</b>	Properties of number Factors, multiples and prime numbers Prime factorisation, HCF and LCM Simplifying algebraic expressions including expanding and factorising brackets	Solving linear equations Angle properties 2-D shapes including triangles and parallel lines Pythagoras' Theorem in 2-D	Index notation and standard index form Areas and perimeters of 2-D shapes Preparation for Functional Skills exams	Co-ordinates and equations of straight lines Fractions, decimals and percentages	Handling data including tables, graphs and averages Calculating probabilities Preparation for GCSE examination	Graphs of equations of non-linear functions (quadratic graphs) Transformations – enlargements Calculations involving circles – circumference and area Constructions
<b>KS 4 Literacy</b>	Matching tone and style for a particular purpose or audience Formal and informal styles of writing Using a range of sentence length with correct grammar and punctuation	Developing confidence in using ambitious vocabulary Accuracy in spelling commonly misspelt words Classification of nouns	Creative writing techniques Use of strong verbs, adverbial phrases, similes, metaphors and rhetorical devices using still images as stimulus Examination practice	Creative writing techniques Use of strong verbs, adverbial phrases, similes, metaphors and rhetorical devices using moving images as stimulus Examination practice	<b><i>The KS 3 Literacy programme is being redeveloped and will be updated in due course</i></b>	

Curriculum Area	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>KS 4 Science</b>	Biology – The Human Body Different systems within the body including respiratory, digestive and nervous systems (AQA unit 15200)	Chemistry – Elements The Periodic Table An introduction to reactions and chemical equations (AQA unit 15202) Physics – Energy (AQA unit 15204)	Physics – Electricity Types of energy, energy transfer, environmental issues relating to energy production (AQA unit 15205) GCSE Exam practice and preparation	Chemistry – Chemistry in our world Reactions involving household chemicals Fossil fuels and their impact on the atmosphere Making water safe to drink (AQA unit 15203)	Biology – Environment, evolution and inheritance An introduction to evolution by natural selection Food webs and connected eco-systems (AQA unit 10545)	Physics – The Earth, The Solar System and Space Names, positions and properties of the sun and planets
<b>KS4 IT</b>	Computer basics Knowing the equipment Word processing basics Online basics Introduction to the internet, searching for information, secure websites and using email (Flexiqua Award L1, Digital Skills award BCS)	Digital music Digital music devices, transferring and purchasing music Playlists and backing up music (Flexiqua Award L1, Digital Skills award BCS)	Digital Media Managing, storing and organising digital media Wireless communication and sharing media (Flexiqua Award L1, Digital Skills award BCS)	Word Processing software Producing a variety of documents using word processing software Developing skills with editing tools (Flexiqua Award L1, Digital Skills award BCS)	IT security for users Data protection, viruses, email and network security Security measures including wireless and password security (Flexiqua Award L1, Digital Skills award BCS)	Presentation software Producing a variety of presentations Developing skills with editing and presentation tools (Flexiqua Award L1, Digital Skills award BCS)
<b>KS 4 Design &amp; Technology</b>	(BTEC Unit CON7)	(BTEC Unit CON7)	Designing, making and evaluating a wooden coaster or coaster set Designing and making clocks (BTEC Unit CON7)	Techniques for preparing and finishing wood Restoring/upcycling wooden furniture (BTEC Unit CON7)	BTEC Assessment Task (BTEC Unit CON7)	

Curriculum Area	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>KS 4 Home Cooking skills</b>	(BTEC Unit HT5)	(BTEC Unit HT5)	Understanding the principles of a healthy diet and designing a weekly meal plan Methods of presenting food (BTEC Unit HT5)	(BTEC Unit HT5)	BTEC Unit HT5 Assessment Task (BTEC Unit HT5)	Consolidation of the cooking skills required for independent adult living
<b>KS 4 Creative Art</b>	Drawing skills Using pencils, charcoals Still life or self-portrait Studying the art of Stephen Wiltshire (BTEC Unit AD5)	Introduction to painting Colour theory and exploring how the abstract artist Wassily Kandinsky uses colour (BTEC Unit AD5)	Research Vincent Van Gogh and explore his techniques and style Using chalks to create images in the style of the Vincent Van Gogh (BTEC Unit AD5)	Explore techniques of ceramic art & working in 3D with clay Explore styles from other cultures e.g. African masks (BTEC Unit AD5)	BTEC Assessment Task (BTEC Unit AD5)	Exploring techniques in urban art including murals Producing large scale art
<b>KS 4 Citizenship</b>	Know about Democracy (Gateway Qualification Entry 3 & L1)	Know about rule of law (Gateway Qualification Entry 3 & L1)	Know about individual liberty (Gateway Qualification Entry 3 & L1)	Know about mutual respect Gateway (Qualification Entry 3 & L1)	Know about extremism (Qualification Entry 3 & L1)	Know about radicalisation Exam (Qualification Entry 3 & L1)
<b>KS 4 Life Skills</b>	Understand what is meant by 'mental health'. (Gateway Qualification Entry 3 & L1)	Understand how to look after own mental wellbeing. (Gateway Qualification Entry 3 & L1)	Understand how to support friends and family with mental health difficulties. (Gateway Qualification Entry 3 & L1)	Understand how to support friends and family with mental health difficulties. (Gateway Qualification Entry 3 & L1)	Know about support for mental ill-health. (Gateway Qualification Entry 3 & L1)	Revise, consolidate, take exam (Gateway Qualification Entry 3 & L1)
<b>Sport &amp; Leisure</b>	Taking part in a team sport (BTEC Unit SP7)	Taking part in an individual sport (BTEC Unit SP7)	Reviewing personal performance in a sporting activity (BTEC Unit SP7)	Complete assessment tasks for BTEC (BTEC Unit SP7)	Recreational sporting activities – after completing BTEC assessments	Recreational sporting activities – after completing BTEC assessments

Curriculum Area	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Careers</b>	Developing a personal progression plan Identifying and setting progression goals Reviewing personal skills and behaviours (BTEC Unit A2)	Developing a personal progression plan Identifying short-term and long-term goals Identifying key milestones towards achieving goals (BTEC Unit A2)	Developing a personal progression plan Discussing progression plan with teachers/parents Researching post 16 options – courses, apprenticeships and entry requirements (BTEC Unit A2)	Being organised Look at time-management Produce daily/weekly to-do lists and prioritise task Investigate productivity software e.g calendars (BTEC Unit A1)	Being Organised Looking at organisational techniques and tools Managing emails Using spreadsheets for organisation and budgeting (BTEC Unit A1)	Reviewing personal time-management and organisational skills Investigating the use of planners and planning software to aid personal organisation (BTEC Unit A1)
<b>THRIVE</b>	<p>A programme for developing emotional and social wellbeing delivered through a range of activities</p> <p>Weekly visits to a community therapeutic farm – nurture and care for animals large and small (feeding, mucking out, training), maintenance and construction tasks for general upkeep of farm buildings and structures, craft activities including woodwork, painting, seasonal crafts</p>					