

Year 10 Spring Term Curriculum Summary	
English Literature (English Language in Y11)	<ul style="list-style-type: none"> • 'A Christmas Carol' – Charles Dickens • Power and Conflict poetry
Maths - Foundation	<ul style="list-style-type: none"> • Compound Units • Simplifying Harder Algebraic Expressions • Surface Area and Volume of 3D Shapes • Probability • Rotations • Calculating with Standard Form • Prime Factors • Using Complex Formulae • Polynomial and Reciprocal Functions
Maths – Higher	<ul style="list-style-type: none"> • Identities • Arcs and Sectors • Surface Area and Volume of 3D Shapes • Probability • Vectors • Indices • Growth and Decay • Exponential Functions • Surds • Trigonometry for Special Angles • Quadratic Sequences • Recurring Decimals
Science	<ul style="list-style-type: none"> • Biology • Endocrine System • Maintaining internal conditions • Ecosystems • Chemistry • Energy • Types of Reaction • Electrolysis • Physics • Uses of Magnetism • Waves in Matter
Art	<ul style="list-style-type: none"> • Finishing work on 'Sheffield' Project (Coursework) including Sheffield Architecture, Typography and developing design ideas. • Body Cast – Beginning looking at themes and topics to develop ideas for 3D project.
Business	<ul style="list-style-type: none"> • 1.3.1 /2.1.1 Business Objectives • 1.1.2 Risk and Reward • 1.4.2 Business Location • 1.2 Spotting a business opportunity • 1.4.3/2.2 Marketing Mix

Citizenship	<ul style="list-style-type: none"> • The key philosophical differences between the major political parties standing in UK general elections. • How candidates are selected to stand for a constituency. • The concept of democracy. • How the Westminster-first-past-the-post system operates. • The strengths and weaknesses of the first-past-the-post voting system compared with proportional representation. • The process of forming a government • The organisation of government administration • The distinction between executive, legislature, judiciary and monarchy. • The roles of the Houses of Commons and Lords and the relationship between them • How a bill becomes law • The institutions of the British constitution • The concept of parliamentary sovereignty • The powers of devolved bodies in Scotland, Wales and Northern Ireland. • How direct and indirect taxes are raised by central government. • The role of the Chancellor of the Exchequer in budgeting for income, expenditure and debts, managing risks and making decisions about the allocation of public funding. • Different views and debates about how governments and other service providers make provision for welfare, health, the care of the elderly and education
Computer Science	<ul style="list-style-type: none"> • 2.2 Programming fundamentals • 2.3 Producing robust programs • 2.4 Boolean logic • 2.5 Programming languages and Integrated Development Environments •
DT	<ul style="list-style-type: none"> • CAD Fusion, 3D printing, 2d design & Laser Cutting • Practice NEA - Collectable Toys • Woods - Practical skills - Birdbox
Drama	<ul style="list-style-type: none"> • 'Macbeth' exploration • Component 1 study
Engineering (GCSE)	<ul style="list-style-type: none"> • Polymers • Metals • Electronic Systems • Systems and Control • Practice NEA
Engineering (Vocational)	<ul style="list-style-type: none"> • Unit 1- Designing Engineering Products • Unit2 –Manufacturing Engineering Products
Food Preparation and Nutrition	<ul style="list-style-type: none"> • Food Science <ul style="list-style-type: none"> ○ Cooking of food and heat transfer ○ Functional and chemical properties of food

	<ul style="list-style-type: none"> ○ Food spoilage and contamination ● Mock NEA 2 ● Mock 3 hour practical
French	<ul style="list-style-type: none"> ● Free-time activities ● Music ● Cinema and TV ● Food and eating out ● Sport ● Social issues ● Healthy/ unhealthy living
Geography	<ul style="list-style-type: none"> ● The Living World
Health and Social Care	<ul style="list-style-type: none"> ● Component 1 – Human Lifespan Development ● Understand Human Growth and Development across Life Stage and the Factors that affect it. ● Investigate how individuals deal with life events. ●
History	<ul style="list-style-type: none"> ● Medicine 1250 to present day ● Richard and John 1189 - 1215
Music	<ul style="list-style-type: none"> ● Composition ● Performance practice ● Listening
Personal Development (PD)	<ul style="list-style-type: none"> ● Student voice – Smart School Council ● Financial Literacy ● Careers Education
PE (Core)	<ul style="list-style-type: none"> ● Handball ● Dance
PE (GCSE)	<ul style="list-style-type: none"> ● Technology in Sport. ● Health and Fitness ● Diet and Hydration
PE (BTEC)	<ul style="list-style-type: none"> ● Revision for the exam component of the course – to be taken before the February half-term ● know about the components of fitness and the principles of training ● explore different fitness training methods ● investigate fitness testing to determine fitness level ● Starting Unit 2 - Practical Sport: Rules and Regulations, Practical Skills, Observation and how to improve.
Religion, Philosophy and Ethics (RPE)	<ul style="list-style-type: none"> ● CORE: Philosophy - Introduction to Key Philosophical Theory ● GCSE: Relationships And Family Unit ● Marriage ● Divorce ● Parenting ● Sexuality ● Christian Beliefs ● Muslim Beliefs
Spanish	<ul style="list-style-type: none"> ● Free-time activities ● Music ● Cinema and TV ● Food and eating out

	<ul style="list-style-type: none">• Sport• Social issues• Healthy/ unhealthy living
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Year 11 Spring Term Curriculum Summary	
English and English Literature	<ul style="list-style-type: none"> • Revision of 'DNA' or 'An Inspector Calls' • Revision of 'Power and Conflict' Poetry • Revision of Paper 1 Language
Maths -- Foundation	<ul style="list-style-type: none"> • Identities • Inverse Proportion • Congruency • Repeated Percentage Increase/Decrease • Probability • Revision
Maths - Higher	<ul style="list-style-type: none"> • Inverse and Composite Functions • Proportion • Trigonometry • Similar Areas and Volumes • Solving Quadratic Inequalities • Probability • Vectors • Proof
Science	<ul style="list-style-type: none"> • Biology - Completion of Health topic • Chemistry – Completion of Global Challenges topic • Physics – Completion of Power and Efficiency topic • Revision and exam technique for all
Art	<ul style="list-style-type: none"> • Component 1 Portfolio work completion - as there is no exam this term, students are working on their coursework folder consisting of two projects (Sheffield/Bodycast). • Those students going on to study Art & Design post 16 will be offered an opportunity to complete a third coursework project to support working at a higher, more independent level.
Business	<ul style="list-style-type: none"> • 2.1 Growing the business • 2.5 Making human resource decisions • 2.3 Making operational decisions • 1.5 Understanding external influences
Citizenship	<ul style="list-style-type: none"> • Theme E: Active Citizenship Project • Course revision and recap of previous topics
Computer Science	<ul style="list-style-type: none"> • 2.3 Producing robust programs • 2.5 Programming languages and Integrated Development Environments • Practical Programming Project • Course Revision •
DT	<ul style="list-style-type: none"> • NEA Create section - Deadline March 28th, 2022 • Woods Theory • Environmental Issues • New Technologies • Maths in DT

	<ul style="list-style-type: none"> • Smart & Modern Materials • Design Movements • Current Designers
Drama	<ul style="list-style-type: none"> • Component 2 exploration • 'Macbeth' exploration • Play review
Engineering (GCSE)	<ul style="list-style-type: none"> •
Engineering (Vocational)	<ul style="list-style-type: none"> • Unit 1 – Designing Engineered Products • Unit 3 – External Exam
Food Preparation and Nutrition	<ul style="list-style-type: none"> • NEA 2 Controlled Assessment plus 3-hour practical exam • Food provenance <ul style="list-style-type: none"> ○ Food processing and production • REVISION: Food, Nutrition and Health
French	<ul style="list-style-type: none"> • Social issues • Career choices and ambitions • Technology in everyday life
Geography	<ul style="list-style-type: none"> • The Changing Economic World
Health and Social Care	<ul style="list-style-type: none"> • Revision for Unit 3 (examined) • Factors that affect health and wellbeing • Interpreting Health indicators • Person-centred health and wellbeing improvement plans. • Component 2B • Demonstrate care values and review own practice
History	<ul style="list-style-type: none"> • Germany 1918 - 1939 • Richard and John 1189 - 1215
Music	<ul style="list-style-type: none"> • Composition • Revision
PE (Core)	<ul style="list-style-type: none"> • Handball • Dance
PE (GCSE)	<ul style="list-style-type: none"> • Completion of NEA on strengths and areas for development to include ideas on how to improve. • Revision of both paper 1 and paper 2 working towards the final exams.
PE (BTEC)	<ul style="list-style-type: none"> • Components of fitness • Principles of training • Fitness training methods • Fitness testing
Religion, Philosophy and Ethics (RPE)	<ul style="list-style-type: none"> • Islam – • Practices • Crime and Punishment • Purpose of punishment • Types of punishment • Forgiveness and Reconciliation

	<ul style="list-style-type: none">• Christian Beliefs• Muslim Beliefs• Religion And life
Spanish	<ul style="list-style-type: none">• Social issues• Charity/ voluntary work• Career choices and ambitions• Technology in everyday life