	Half term 1 Learning Overview	Half term 2 Learning Overview	Half term 3 Learning Overview	Half term 4 Learning Overview	Half term 5 Learning Overview	Half term 6 Learning Overview
English	19th century novel: Victorian Literature/society – introduce A Christmas Carol Context of the Victorian novel Analysis of 19th century fiction	Power and Conflict – poetry and prose Introduction to selection of the power and conflict poetry. Reading fiction in prep for Paper 1 language	Lord of the Flies (intro and context) and Paper 2 language Read Lord of the Flies – context, characters, plot, structure Non-fiction reading and writing	Lord of the Flies (intro and context) and Paper 2 language Read Lord of the Flies – context, characters, plot, structure Non-fiction reading and writing	Lord of the Flies (intro and context) and Paper 2 language Read Lord of the Flies – context, characters, plot, structure Non-fiction reading and writing	A Christmas Carol Analysis of 19th century novel Plot, character, theme, structure, context Paper 1 Literature
Maths	Foundation Basic Number Building upon students' knowledge on place value negative numbers, inequalities, using the four operations with integers and decimals including using the order of operations. Measures and Scale Drawings Converting between metric numbers and then moving on to converting between imperial units using these in scale drawings and then plans and elevations. Charts, Tables and Averages Building upon students' prior knowledge to represent data with pictograms, bar charts and vertical line graphs, then moving on to interpreting this data and find averages. Higher Basic Number Solving real life problems involving multiplication and division. Multiplication and division of decimals. Prime factors and using this to find the HCF and LCM. Calculations with negative numbers. Fractions, Ratio and Proportion Writing one quantity as a fraction of another, calculating	Foundation Angles Extending pupils' knowledge of angles rules including in polygons, parallel lines and using the properties of polygons to find missing angles. Number Properties Finding multiples factors and prime factors, moving onto the HCF and LCM, special numbers such as square numbers and square root. How to use a calculator will also be covered. Higher Ratio and Proportion Simplifying ratios, dividing into a given ratio, and completing calculations with a given ratio. Direct proportion problems including best buys. Solving problems including density, mass and volume. Calculation compound interest and finding repeated percentage change. Angles Using angle facts to find missing angles in polygons, parallel lines, and special quadrilaterals. Using scale drawings and bearings to solve problems. Transformations, constructions and loci	Foundation Approximations Rounding wholes numbers, decimals and approximating calculations. Decimals and Fractions Calculating with decimals and fractions. Finding the reciprocal of fractions and using a calculator with fractions. Higher Algebraic Manipulation Factorising into single brackets, quadratic expansion including squares. Expanding more than two brackets. Extending to factorising quadratics including with a coefficient bigger than 1. Changing the subject of a formula.	Foundation Linear Graphs Drawing straight line graphs by plotting points. Looking at the properties of straight line graphs including the gradient, intercept and the equations of a line, extending to parallel lines. Graphs will be used to solve simultaneous equations. Real life uses of graphs for example conversion graphs and formulae representations. Expressions and Formulae Substituting into expressions and formulae. Expanding and factorising single brackets, this will be extended to quadratic expansion and factorisation. Changing the subject of a formulae will also be covered. Higher Length, Area and Volume Calculating the area of parallelograms and trapeziums. Finding the circumference and area of a circle extending to sectors. Finding the volume of prisms, cylinders, pyramids, cones and spheres. Linear Graphs Drawing linear graphs by finding points, finding the gradient of a line and using this to find the	Foundation Ratio, Speed and Proportion Simplifying ratios, writing ratios as a fractions, divide into given ratios and solving problems with par information. Speed, distance, time calculations will be used to find the average speed, distance travelled and the time taken for a journey. Direct proportion problems will be looked at and best buy problems. Perimeter and Area Finding the area of rectangles, triangles, parallelograms, trapeziums and circles including giving answers in terms of prime. Higher Right angled Triangles Calculating the longest and shortest side using Pythagoras' theorem and then applying to different situations including in 3D. Using trigonometry to find missing angles and sides including in problems involving bearing and isosceles triangles. Similarity Using similarity to find missing lengths and then extending to are and volume. Exploring and applying Probability	Foundation Transformations and Vectors Rotational symmetry, rotations about a given point, reflections including with given equation of line, translations, enlargements from a given point and combinations of transformations. Adding and subtracting vectors. Probability and Events Calculating probabilities of an event. Looking at experimental probability and how this compares to theoretical probability. Expectation of the number of times an event will happen and looking at number of different ways an outcome can happen. Higher Powers and Standard Form Using laws and indices to calculate with powers. Writing very small and large numbers in standard form and then use this to perform calculations. Equations and Inequalities Solving linear equations extending to those with fractions. Solving linear simultaneous equations using the substitution, elimination and graphical method. Solving

	with fractions (all four operations) Increasing and decreasing by a percentage and writing one quantity as a percentage of another. Statistical Diagrams and Averages Draw and interpret pie charts and line graphs, then using statistical measures for discrete and continuous data. Drawing scatter diagrams. Number and Sequences Finding the nth term of linear and quadratic sequences and looking at special sequences such as square numbers.	Demonstrating that two triangles are congruent. Performing transformations (reflection, rotation, translation and enlargement) and a combination of these. Constructing bisectors, loci and solving problems with loci. Constructing plans and elevations.		equation extending to parallel and perpendicular line. Drawing graphs using the gradient and intercept method and finding the equation of the line from its graph. Using graphs for real life situations and then solving simultaneous equations using their graphs.	Understanding experimental probability and mutually exclusive events. Using probability to work out the number of times something should occur. Using two way tables and tree diagrams to calculate probability.	inequalities and solve other equations using trial and improvement.
Science Biology	**Cell biology** Exploring how structural differences between types of cells enables them to perform specific functions within the organism	**Organisation (I)** Understanding how the digestive system works and factors that affect enzyme activity	**Bioenergetics** Exploring how plants harness the Sun's energy in photosynthesis in order to make food and looking at the effects of temperature, light and carbon dioxide concentration	**Bioenergetics** Exploring how plants and animals carry out respiration and perform functions.	**Organisation (II)** Describing the structure of the heart, its function & factors that may affect it.	**Organisation (II)** Understanding how the structure of plants link to their functions and the rate of transpiration
Science Chemistry	**Atomic structure** Exploring the structure, function & history of the atom	**The periodic table** Understanding how the periodic table is organised and trends in group 1 and 7	**Bonding, structure and properties of matter** Being able to draw an represent the different types of bonding	**Bonding, structure and properties of matter** Using theories of structure and bonding to explain the physical and chemical properties of materials.	**Chemical changes** Understanding and exploring the reactivity of metals & how they can be used to make salts	**Chemical changes** Exploring how metals can be extracted and separated using methods of electrolysis in molten and aqueous solutions
Science Physics	**Energy I** Energy changes in a system & calculating the ways it can be stored or transferred	**Energy II** Global and national energy resources & their impact on the environment	**Particle model of matter** The behaviour of solids, liquids and gases & the density of materials	**Electricity (I)** Investigating series & parallel circuits, understanding the differences between components & calculating resistance.	**Electricity (II)** The national grid and understanding how plugs and fuses work	**Atomic structure** Understanding how the structure of the atom links to nuclear radiation, radioactive decay & contamination
Geography	Urban world - NEE city - Rio. Suggest why geographical phenomenon changes at a variety of scales	Urban world - UK city – London. To make reasoned judgements on the challenges from urban change	Living World/ Ecosystems. Describe the key features of an ecosystem Explain how the rainforest has a range of distinctive	Resource Management. Explain why resources are fundamental to human development. Discuss the opportunities and challenges	Coasts – Physical Geography Unit. Explain how a coastline is shaped by physical processes	Fieldwork – Hornsea. To plan, collect data, present data, analyse data and evaluate one enquiry. Extended writing opportunity

	Discuss the impact human actions on the environment and people. Assess the challenges associated with urban growth. Extended Writing opportunity.	To make reasoned judgements on the opportunities from urban change. Explain how sustainability requires management of resources and transport at a variety of scales. End of unit test.	features Discuss the issues associated with deforestation in a tropical rainforest. End of Unit test.	in the changing demand and provision of resources. Describe the changing demand for energy. Explain the strategies used to increase energy supply. End of unit test.	Assess strategies used to protect the coastline from the effects of physical processes. End of Unit test.	for the conclusion and evaluation.
History	Medieval Medicine – intro to the three strands (Public Health, Fighting Disease, Surgery) Case Study – Black Death)	Renaissance Medicine – understanding change/continuity in the three strands of Medicine	Industrial Medicine (Fighting Disease – significance of Germ Theory as a turning point; implications for surgery)	Industrial Medicine – 19th and early 20th Century Public Health – why were reforms necessary? Which reform was most significant?	Modern Medicine – strengths and challenges of the modern day system, with a particular focus on the role of government and sci/tech	Norman Conquest: 1066 – why such an important year in British history? How did William consolidate his position and put down rebellions?
Spanish	**Holidays** What you do in summer Holiday preferences What you did on holiday Where you stayed Booking accommodation ***(E-safety – using trustworthy websites)*** *Grammar: present & past tenses*	**Holidays / School life** Dealing with problems Describing a past holiday Opinions about school subjects School uniform School day Teachers Describing school facilities *Grammar: expressing a range of opinions for different people*	**School life / My People** School rules and problems Plans for a school exchange Activities and achievements Socialising and family ***(E-safety – online friends/contacts)*** Describing people *Grammar: using phrases with infinitives*	**My People** Social networks ***(E-safety – using social media safely)*** Making arrangements Reading preferences Talking about friends and family *Grammar: present continuous*	**Leisure & free time** Free-time activities TV and films What you usually do Sport What's trending ***(E-safety – using social media safely)*** Types of entertainment Role models & who inspires you *Grammar: perfect tense*	**Revision** Holidays School life My People Leisure & free time *All year 9 grammar points*
Art	Natural Form and Decay: Improving observational drawing skills & photography	Natural Form and Decay Start looking at artists exploring different specialisms. Examples of artists: Natasha Clutterbuck, Mandy Patullo	Natural Form and Decay 3D techniques using clay and wire. Artists: Odine Lang and	Natural form and decay Photo manipulation and use of palette knife Artists: Sandra Meech and Polly Jones	Natural form and decay Revisit drawings	All about me/Life Cycles Pupils start portraiture unit Look at accurate facial proportions and tone, start to look at skin colour with oil pastels
Creative IMedia	Creative Imedia Creating Graphics Unit R082 Learning Outcome 1 Understand the purpose and properties of digital graphics	Creative Imedia Creating Graphics Unit R082 Learning Outcome 2 Be able to plan the creation of a digital graphic	Creative Imedia Creating Graphics Unit R082 Learning Outcome 3 Be able to create a digital graphic	Creative Imedia Creating Graphics Unit R082 Learning Outcome 3 Be able to create a digital graphic	Creative Imedia Creating Graphics Unit R082 Learning Outcome 4 Be able to review a digital graphic	Creative Imedia Interactive MM R087 Practice Unit prep for next year

Computer Science	Computer Science 9-1 Paper 1 1.1 Systems Architecture	Computer Science 9-1 Paper 1 1.2 and 1.3 Memory and Storage	Computer Science 9-1 Paper 1 1.4 Wired and Wireless	Computer Science 9-1 Paper 1 1.5 Network Topologies	Computer Science 9-1 Paper 1 1.6 Security Systems	Computer Science 9-1 Paper 1 1.7 Systems Software
Drama	***Component 1 Section A*** -Course outline and how you will be assessed. -Common features of a play -Page to stage – vocal and physical skills -Design Skills -Theatre Roles and terminology -Stage Positioning -Stage Configurations -Form and Genre -Dramatic Structure -Theatre Conventions -Characterisation	***Component 1 Section A*** -Vocal Skills -Physical Skills ***Component 2*** -Devising Drama (short) *What is a stimulus?* *How do we use it?* *Researching ideas.* *Creating a plot line.* *What do we want to tell the audience?*	***Component 2*** Devising Drama including work of practitioners: • Artaud • Brecht • Stanislavski **ADDITIONAL DEPTH** *What is a stimulus?* *How do we use it?* *Researching ideas.* *Creating a plot line.* *What do we want to tell the audience?* Performance style Plot line / climax / resolution Characterisation **DEVELOP:** Keeping a log of ideas.	***Component 2*** Devising Drama including work of practitioners: • Artaud • Brecht • Stanislavski **ADDITIONAL DEPTH** *What is a stimulus?* *How do we use it?* *Researching ideas.* *Creating a plot line.* *What do we want to tell the audience?* Performance style Plot line / climax / resolution Characterisation **DEVELOP:** Keeping a log of ideas.	***Component 1 Section C*** Live Theatre Performance **The Woman in Black (6th May 2020 Theatre Royal Nottingham)** Evaluating the work of other theatre makers. How the actor uses vocal / physical skills to create a character? **DEVELOP**: **Design skills:** How lighting / sound/ set/ costume are used.	***Component 1 Section B*** Scripted drama: Blood Brothers -Common features of a play -Page to stage – vocal and physical skills **DEVELOP:** -Contextual, social, significance of BB.
Engineering	Design brief, design specification and user requirements	Design brief, design specification and user requirements	Product analysis and research. Examples of coursework.	Product analysis and research final coursework.	Improvements to coursework. Developing and presenting engineering designs.	Developing and presenting engineering designs.
Food	The Eatwell guide and planning healthy meals. Nutritional requirements and analysis.	Best of British foods. Multicultural foods.	Festival foods mock	Sauce making. Healthier desserts. Factors that affect food choice.	Food presentation. Carbohydrates and pastry.	Food presentation. Carbohydrates and pastry.
Music	**Introduction to GCSE Music** • DRSMITTTH – Elements of music • Notation recap	**Introduction to Sibelius and Musical History** • Samba compositions • Musical periods	**Introduction to Set Works.** • Exam questions • Wider listening based around set works.	**Free Brief composition 1** • Composition log • Exploring how to write for different genres.	**AOS 1** • Bach – Brandenburg Concerto No.5	**Practice Set Brief 1** • Composition log • Exploring how to write for a set brief

	• Circle of Fifths – Major and Minor • 5 Album Presentation **Performance Practice**	• History of popular music. **Performance Practice**	**Mock Performance**	**Performance Practice**	• Beethoven – Pathetique Sonata **Performance Practice**	**Mock Performance**
PE - core	Delving deeper into psychological control and fitness for specific positions/roles (1) & accurate replication of images **Netball, rugby (G)** **Handball, dance (B)**	Accurate replication of images & gauging fitness levels **Dance, fitness (G)** **Fitness, gymnastics (B)**	Accurate replication of images , sport education and invasion games **Gymnastics, sport education (G)** **Sport education, rugby (B)**	Delving deeper into psychological control and fitness for specific positions/roles (2) **Handball (G)** **Netball (B)**	Striking & fielding Multi-roles and umpiring **Rounders** **Cricket**	Advances=d skills athletics (rotations and travels) ESAA Awards and sports day prep **3 X throw** **2 X jump** **1 X track**
PE - GCSE	Intro to GCSE PE & Location of Major Bones Synovial Joints Movements at Joints Muscles	Muscles in Action Lever Systems Axes and Planes Cardiovascular System Respiratory System	Gaseous Exchange + Aerobic and Anaerobic respiration Short Term Effects of Exercise	Long Term Effects of Exercise Health Related Fitness Skill Related Fitness Fitness Testing	Principles of Training Training Methods Prevention of Injury – Warm-Up & Cool Down	Prevention of Injury – Risks and Hazards Training methods practical
Philosophy & Ethics	**Core** Muslim Beliefs and teachings Sunni/Shi'a differences Nature of God **Full Course** Muslim Practices 5 pillars of Islam	**Core** Muslim Beliefs and teachings Authority (Books/prophets) **Full Course** Muslim Practices Jihad Festivals	**Core** Muslim Beliefs and teachings Life after death **Full Course** Crime and Punishment Causes of crime Aims of punishment	**Core** Religion, Peace and Justice Violence Holy war/Just war/Jihad **Full Course** Crime and Punishment Different punishments Corporal Capital	**Core** Religion Peace and Justice Teaching on war WMD **Full Course** Human Rights and Social Justice Human rights Freedom of religious expression Racism	**Core** Religion Peace and Justice Forgiveness Pacifism **Full Course** Human Rights and Social Justice Sexuality Gender Poverty and Wealth