

Year 7 Half Term 6 Curriculum

| Subject | Half Term 6 – Topic/Summary of Powerful Knowledge |
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| English | <p><u>Power and Ambition (Dramatic Tragedy)</u></p> <ul style="list-style-type: none"> • Monologue and dialogue • Script-writing micro-features – acts and scenes, dialogue, stage directions, prose and verse, iambic pentameter • Macro-features - Direct and indirect characterisation, setting, action, description, delivery, movement • Structural elements - Brackets, hyphens, colon, italics, capitalisation, exclamatory sentences • The importance of conflict in a narrative • The features of a well-crafted protagonist and antagonist <p><i>Main text: Macbeth (Shakespeare)</i></p> |
| Maths | <p><u>Developing number sense</u></p> <ul style="list-style-type: none"> • Know and use mental addition and subtraction strategies for integers • Known and use mental multiplication and division strategies for integers • Know and use mental arithmetic strategies for decimals • Know and use mental arithmetic strategies for fractions • Use factors to simplify calculations • Use estimation as a method for checking mental calculations • Use known number facts to derive other facts • Use known algebraic facts to derive other facts • Know when to use a mental strategy, formal written method or a calculator <p><u>Sets & probability</u></p> <ul style="list-style-type: none"> • Identify and represent sets • Interpret and create Venn diagrams • Understand and use the intersection of sets • Understand and use the union of sets • Understand and use the complement of a set • Know and use the vocabulary of probability • Generate sample spaces for single events • Calculate the probability of a single event • Understand and use the probability scale • Know that the sum of probabilities for all possible outcomes is 1 <p><u>Prime numbers & proof</u></p> <ul style="list-style-type: none"> • Find and use multiples • Identify factors of numbers and expressions • Recognise and identify prime numbers • Recognise square and triangular numbers • Find common factors of a set of numbers including the HCF • Find common multiples of a set of numbers including the LCM • Write a number as a product of its prime factors • Use a Venn diagram to calculate the HCF and LCM • Make and test conjectures • Use counter examples to disprove a conjecture |
| Science | <p><u>Earth 1</u></p> <ul style="list-style-type: none"> • The structure of the earth • Sedimentary rocks |

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| | <ul style="list-style-type: none"> • Igneous and metamorphic • The rock cycle • Ceramics • The night sky • The solar system • The earth • The moon |
| History | <u>Tudors and the Stuarts,</u> <ul style="list-style-type: none"> • Understand how Henry VIII differed from Medieval Monarchs • Henry's reign – Foreign Policy • Henry's personal life and the Reformation • Comparisons between Elizabeth Tudor and Edward Tudor |
| Geography | <u>River landscapes:</u> <ul style="list-style-type: none"> • Importance of rivers • River basin • Long profile and cross profile of a river • Processes in a river • Landforms in a river valley • Flooding – causes and impacts • Tewksbury flood • Bangladesh flooding. |
| Spanish | <u>Mi Ciudad:</u> <ul style="list-style-type: none"> • Places in town • Where you go in town • Weekend plans, • Comparing rural and urban environment, • Describing how areas have changed over time. |
| Art | <u>Liverpool Culture</u> <ul style="list-style-type: none"> • Links with galleries, museums, and events in the local area. • Drawing, painting, exploring media, developing compositions. |
| Computing | <u>Scratch programming</u> <ul style="list-style-type: none"> • Incorporate variables, procedures (using the Broadcast function), lists and operators • Be able to create a fully working game with lives, scoring and some randomisation of objects • Learn to test and debug their programs |
| Food Preparation & Nutrition | <u>Keeping yourself and others safe and healthy</u> <ul style="list-style-type: none"> • Seasonality and food provenance • Environmental issues • Chicken fajitas • Tomato and Basil Tart • Fruit crumble |
| DT | <u>Eco Packaging</u> <ul style="list-style-type: none"> • 6rs of sustainability • Packaging analysis • Isometric projection |
| Drama | <u>Devising</u> |

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| | <ul style="list-style-type: none"> • Responding to a scenario • Mechanics of creation including basic character work using voice and movement |
| Music | <u>Playing the Ukulele</u> <ul style="list-style-type: none"> • Playing chords; C, F and G7 • Playing Next to Me • Playing Let it Be • Singing both songs whilst playing • Applying dynamics to a performance • Final performance of 'Let it Be' |
| PE | <u>Development of skills and tactics in one of the following sports : swimming, rounders, softball, athletics and badminton.</u> <ul style="list-style-type: none"> • Focus on joints in the body. • Participation in an interform competition. • Taster session on a new sport. |
| RE/PSHE | <u>Be the Change:</u> <ul style="list-style-type: none"> • How does the Church help in its local communities? • How can Christians help to change the world? • Random Acts of Kindness • How can we change the world? |