Year 5 Curriculum Overview

Term 2 (Spring Term)

English	Maths
Using a range of texts (*including fiction, non-fiction and poetry*) students will explore, read and write studying the following elements of English. • Modal verbs • Passive voice • Personification • Verb prefixes (e.g. dis-, de-, mis-, over-, and re-) • Formal and informal speech • Split direct speech. • Consistent tense throughout a piece of writing • Paragraphs structuring and using linking words • begin sentence clauses with who, which, where, when, whose, that or with. • Use of the semi-colon, dash, and colon • Edit texts to improve their content	**Multiply And Divide B:** • Multiply up to a 4-digit number by a 1-digit number • Multiply a 2, 3 and 4 -digit number by a 2-digit number • Short division • Divide a 4-digit number by a 1-digit number • Divide with remainders • Solve problems with multiplication and division **Fractions:** • Multiply a unit fraction by an integer • Multiply a mixed number by an integer • Calculate a fraction of a quantity • Use fractions as operators **Decimals and percentages:** • Thousandths as fractions and decimals • Order and compare any decimals. • Round to the nearest whole number • Round to 1 decimal place • Understand percentages • Percentages as fractions and / or decimals • Equivalent fractions, decimals and percentages **Shape:** • Identify angles • Measure and drawing angles • Angles on a straight line • Angles around 360 degrees • Regular and Irregular shapes • 3D shapes
Science	**Physical Education**

Properties and changing states of matter • Features of states of matter: solid, liquid and gas • Solubility: Classification enquiry: present findings. • Separating: Using magnets, filtering, sieving and evaporating. • Thermal Conductivity: Insulation, Compare with electricity - inquiries with insulators. • Irreversible/reversible changes: Compare and contrast reversible and irreversible changes. • Heating and Burning: Burn everyday materials and identify what has formed. • New Materials: Chemists and research	**In Physical Education, student will continue to apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement. They should enjoy communicating, collaborating and competing with each other. They should develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognise their own success.** **Students will be taught to:** • Use running, jumping, throwing and catching in isolation and in combination. • Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending. • Develop flexibility, strength, technique, control and balance. • Perform dances using a range of movement patterns. • Take part in outdoor and adventurous activity challenges both individually and within a team. • Compare their performances with previous ones and demonstrate improvement to achieve their personal best. **Students will cover a range of activities including:** • Core Skills • Invasion Games • Striking and Fielding Activities • Net and Wall Games • Athletic Activities • Creative Movement • Swimming and water safety • Outdoor and Adventurous Activities
Computing	**Humanities**
Scratch • Exploring visual programming language • Creating interactive animations **Flat-File Databases** • Using a database to sort and order data to	**Geography -Around the World** • Brief history of maps and the variety of maps in use. • Map skills-Using atlases, ordnance survey symbols, learning and locating specific features from maps. • Locating specific famous landmarks; using latitude and longitude coordinates, countries, continents, oceans, poles, capitals, and other physical geography.

answer questions.	• Biomes- understanding the definition and identifying different biomes in different continents and countries, extreme climates and natural disasters. • Describe how land use, economic activity and distribution of resources has changed in a region over time.
Music	**Art**
Singing • Sing a broad range of songs from an extended repertoire with a sense of ensemble and performance. Include observing phrasing and form. **Musicianship** • Reading Notation: Introduce the stave, lines and spaces, and clef. • Listen to and analyse a variety of musical styles and historical periods.	**Mixed Media Land & City Scapes** • Explore how artists use a variety of media to capture the spirit of the place; a particular biome or a world-famous landmark. • Focus upon exploratory work to discover mixed media combinations.
PSHE - Personal, Social, and Health Education	
Belonging to a community • Protecting the environment. • Environmental issues, global warming, global citizenship. **Media literacy and digital resilience** • How information online is targeted; different media types, their role and impact.	