Year 4 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.** • Oral composition • Extending sentences • Complex sentences • Fronted adverbials • Varied Punctuation • Vocabulary development • Comparative adjectives • Direct speech • Organisational devices and sequencing • Presentational features of writing • Present tense • Paragraphing • Use of sub-headings • Conjunctions and time connectives • Figurative language and development of imagery • Rhyme, pattern • Syllables and Rhythm • Re-reading work to check, edit and re-draft	**Multiplication and division:** • Factor pairs • Use factor pairs • Multiply by 10, 100 • Divide by 10, 100 • Related facts – multiplication and division • Informal written methods for multiplication • Multiply and divide a 2, 3-digit number by a 1-digit number • Correspondence problems • Efficient multiplication **Length and perimeter:** • Measure in kilometres and metres • Equivalent lengths (kilometres and metres) • Perimeter on a grid • Perimeter of a rectangle • Perimeter of rectilinear shapes • Find missing lengths in rectilinear shapes • Calculate perimeter of rectilinear shapes • Perimeter of regular polygons • Perimeter of polygons
Science	**Physical Education**
States of Matter: • Compare and group materials - solids, liquids and gases. • Observe that materials change state. • Measure or research temperature. • Identify the part played by evaporation and condensation in the water cycle. **Sound:**	**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.**

• Identifying how sounds are made - vibration. • Recognise that vibration from sound travels from medium to the ear. • Find patterns between the pitch of the sound and the features of the object that produced it. • Find patterns between the volume of a sound and the strength of the vibrations that produced it. • Recognise that sound gets fainter as the distance from the sound source increases.	**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**
Repetition in Shapes: • Use a text-based programming language to explore count-controlled loops when drawing shapes. **Data Logging** • Recognising how and why data is collected over time. • Use data loggers to carry out an investigation.	**History and Geography - China:** • Place events, periods and artefacts on a timeline. • Use chronological vocabulary to answer questions about a timeline. • Compare different societies using a timeline. • Name and locate on a map environmental regions, countries and major cities of Europe. • Describe the human and physical

	geography of a region of Europe and compare with other regions studied. • Use key geographical vocabulary to describe the location of places in Europe. • Use a map to describe the location of places in Europe using 4-figure grid references.

Music	Art
Singing • Sing confidently with clear diction, accuracy, and control. **Musicianship** • Play and perform in groups using tuned and untuned instruments. • Read and write simple rhythmic and melodic notation. • Recognise different instrument families and timbres.	**Exploring Pattern** • Explore colour, line and shape. • Create patterns and repeating patterns. **The Art of Display** • Explore the effect of displaying work. • Create an artwork inspired by "Plinth". **Exploring Still Life** • Explore contemporary and traditional still life art. • Create still-life-inspired artwork.

PSHE - Personal, Social, and Health Education

Belonging to a community
- Responsibilities to community/ environment (deforestation, destruction of habitats).

Media literacy and digital resilience
- How is data shared and used?

Money and Work
- Making decisions about money; using and keeping money safe.