Termly Curriculum Overview

Year 4 – Autumn Term

Shottermill Junior School

Area of the Curriculum	Learning Experiences
English	**Poetry** • explore nature poems and haikus • form opinions on poems • explore rhythm, rhyme and the structure of poetry **Instructions and explanations** • to organise paragraphs around a theme • To write a simple set of instructions using imperative verbs **Information texts** • To identify key features of a non-chronological report • Formal report writing • Note taking **Reading and sharing stories from around the world** • To listen to and discuss stories • To use descriptive language including similes, metaphors and personification
Mathematics	**Place value** • recognise numbers up to 4 digits • ordering and comparing numbers beyond 1000 • Round any number to the nearest 10, 100 and 1000 • Count in multiples of 25 and 1000 • Count backwards through zero to include negative numbers **Addition and subtraction:** • Add and subtract numbers with up to 4 digits using the formal written methods • Understanding how to 'exchange' • Estimate and use inverse operations to check answers • Solve one and two step word problems **Measurement: Length and Perimeter** • Measure and calculate the perimeter of a rectilinear figure in centimetres and metres • Convert between different units of measure **Multiplication and division:** • Recall and use multiplication and division fact for multiplication tables up to 12x12 • Count in multiples of 6,7 and 9 • Use place value, known and derived facts to multiply and divide mentally • Solve problems involving multiplying and dividing
Science	**Animals, including humans** • Describe the simple functions of the basic parts of the digestive system in humans

	- Identify the different types of teeth in humans and their simple functions - Construct and interpret a variety of food chains, identifying producers, predators and prey **Sound** - Identify how sounds are made, associating some of them with something vibrating - Find patterns between the pitch of a sound and features of the object that produced it - Find patterns between the volume of a sound and the strength of the vibrations that produced it
Computing	**E-Safety** - To become familiar with the school's acceptable use policy and to develop online protocols in order to stay safe **iMovie** - Video record and edit a film with sound **Probots** - Programming and algorithms to repeat and create complex shapes
Art & Design	**Textiles** - Experiment with textiles, colour and stitch telling a story (Medusa)
Design & Technology	**Structures and stability** - Desk tidy - 3D shapes and nets, sustainability, joining materials and how containers are used for different purposes.
Geography	**Europe overview - What is Europe like & what do people do?** - To develop atlas skill - Identify landscape features, climate and vegetation - Identify what crops are grown and natural resources found
History	**Changes in Britain from the Stone Age to the Iron Age** - To investigate Palaeolithic, Mesolithic and Neolithic periods. - To understand changes in Britain from the Stone Age to the Iron Age.
Languages	**French** - Greetings, European countries and cities, Francophone countries and transport
Music	**Keyboard skills** - Creating melody and improvisation - Use of CHORDS and BASS in simple structures.
Physical Education	**Gymnastics :** - Learn to balance using specific planned shapes. - Move into and from balances with control and accuracy. - Plan and perform short sequences, including paired balances. **Dance** - To perform dances using a range of movement patterns. - To compare their performances with previous ones. **Competitive games** - To apply basic principles suitable for attacking and defending.
Religious Education	**Sikhism** - Understand what it means to be a Sikh. - Make links between Sikh symbols and Sikh ways of life. - Understand the three main duties and how Sikhs worship. **What is Wisdom?** - Understand that wisdom is a set of values and experiences which guide people in their lives

	• Investigate how wise sayings from important books and leaders can help people live their lives • Understand that for some people, wisdom is found within God and for others it is found apart from God
Personal, Social, Health & Economic Education	<u>**New beginnings**</u> • **Feeling valued, problems solving process and rights and responsibilities** <u>**Getting on and falling out**</u> • **Friendship and feelings** <u>**Money Management**</u> • **Know and understand the need to prioritise between needs and wants when spending** • **Understand the importance of keeping financial records**
Supporting Educational Visits	• **Stone Age Workshop**