

Class	Stiperstones
Year	Year 3/4
Teacher	Lauren Thorne
English	<p>Persuasion- Adverts The children will learn about the features of adverts and how the writer uses persuasive text and features to attract the reader and then write their own adverts linked to our History topic Crime and Punishment as well as our Geography topic Climate Zones.</p> <p>The Midnight Fox-Narrative- issues and dilemmas The children will plan and write their own innovated story including issues and dilemmas, in the first person from the point of view of the main characters within in the story. They will plan writing by discussing the structure, vocab and grammar of similar writing as well as building an increasing range of sentence structures.</p> <p>Leon and the place between- Narrative- Diary The children will write Leon's secret diary about what really happened in 'the place between', including conversation between Leon and the boy. They will plan writing by discussing the structure, vocab and grammar of similar writing as well as building an increasing range of sentence structures.</p> <p>To write an explanatory text e.g. leaflets, science experiments, posters The children will write an explanation text which is a non-fiction writing that aims to clarify how or why something works. It provides detailed information in a clear and organized manner, often using diagrams, labelled pictures and numbered steps.</p>
Maths	<p>Number and place value Here children will solve problems and practical problems involving these ideas (number and place value) as well as solving number problems and practical problems that involve all of the above and with increasingly large positive numbers.</p> <p>Calculations: involving the 4 operations. + - x ÷ Here children will: Add and subtract numbers with up to 4 digits using the formal written method of columnar addition and subtraction where appropriate. Solve problems. Including missing number problems, using number facts, place value and more complex addition and subtraction calculations Write and calculate mathematical statements for multiplication and division using tables. Multiplying and dividing two and three digit numbers by a one- digit number using formal written layout in mental calculations and to solve problems involving missing number problems as well as problems involving multiplying and adding, including using the distributive law.</p>

	<p>Fractions Children will learn to: find the effect of dividing one or two- digit numbers by 10 and 100 and identifying the value of the digits in the answer as ones, tenths and hundredths. Count up and down in hundredths, recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10. Add and subtracting fractions will be covered as well as being able to recognise and show, using diagrams, families of common equivalent fractions.</p> <p>Decimals Children will recognise and write decimal equivalents of any number of tenths or hundredths as well as being able to round decimals with one decimal place to the nearest whole number.</p> <p>Geometry Children will draw 2D shapes, make 3D shapes using modelling materials and recognise 3D shapes in different orientations and describe them as well as comparing and classifying geometric shapes, including quadrilaterals and triangles based on properties of shapes. Lines of symmetry in 2D shapes presented in different orientations will be covered too.</p> <p>Measure Children will learn to measure, compare, add and subtract lengths (m/cm/mm) ; mass (kg/g) ; volume/capacity (l/ml) They will also learn to describe position on a 2-D grid as co-ordinates in the first quadrant.</p> <p>Statistics Children will learn to solve one and two step questions e.g. “How many more? How many fewer? Using information presented in scaled bar charts and pictograms and tables. Children will also solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</p>
Science	<p>Energy- Electricity and circuits Children will explore electrical components and conductivity through circuit building and real life applications.</p> <p>Making connections This unit brings together pupils learning from multiple science units, helping them to make connections between the key concepts and skills.</p>
Computing	<p>Teach Computing- Programming A – Repetition in shapes Learners will create programs by planning, modifying, and testing commands to create shapes and patterns. They will use Logo, a text-based programming language.</p>

	<p>This unit is the first of the two programming units in Year 4, and looks at repetition and loops within programming</p> <p>Teach Computing- Repetition in games Learners will explore the concept of repetition in programming using the Scratch environment. The unit begins with a Scratch activity similar to that carried out in Logo in Programming unit A, where learners can discover similarities between two environments. Learners look at the difference between count-controlled and infinite loops, and use their knowledge to modify existing animations and games using repetition. Their final project is to design and create a game which uses repetition, applying stages of programming design throughout.</p>
Geography	<p>Earthquakes Children will learn how the Earth is structured what the features of a volcano are and what effects earthquakes cause and how you can prepare for an earthquake.</p>
History	<p>Ancient Egyptians In this unit children will identify the ancient civilisations and key periods in ancient Egypt. They will be able to ask historically valid questions about sources and identify Ancient Egypt's location and its key geographical features Explain why the River Nile was important to ancient Egyptians. They will also be able to explain the significance of the Rosetta Stone and the importance of gods and goddesses to people in ancient Egypt. The children will also analyse mummification's connection to ancient Egyptian beliefs about the afterlife. And will decide what was important to people in ancient Egypt.</p>
RE	<p>For Christians, when was the impact of Pentecost? (Kingdom of God) In this unit the children will find out about the events of Pentecost in the Bible, considering which events would be needed to retell the story for someone else. They will begin to consider what the events found in Acts 2 might have meant for the first Christians and what they mean for Christians today.</p> <p>Why is the Torah so important to Jewish people (Judaism) Within this unit, pupils will build on their learning about the Jewish worldview and way of life. They will build on their understanding that Jews are a diverse group of people by investigating Census data and reflecting on the different cultural heritages of British Jews. They will also investigate the centrality of Torah through examining how a Sefer Torah is constructed, its place within the synagogue and how different Jews may interpret the Torah in diverse ways.</p>
Art	<p>Making animated drawings Children will explore how to create simple moving drawings by making paper "puppets" and animate them using tablets.</p> <p>Using natural materials to make images Children will use natural pigments and dyes from the local environment to make art. Exploring Cyanotype and Anthotype.</p>
PE	Summer 1

	<p>Children will learn to swim and also participate in a variety of Athletics lessons.</p> <p>Summer 2</p> <p>Children will learn to swim and also participate in a variety of Athletics lessons.</p>
PSHE	<p>British Values</p> <p>The Children will understand that British Values underpin what it is to be a citizen in a modern and diverse Britain, which allows us to create environments free from discrimination, intolerance and hate.</p> <p>Kapow- safety and changing body</p> <p>Learners will write an email with instructions written using positive language, create a decision tree showing how to deal with unkind online behaviour and cyberbullying.</p> <p>They will understand how quickly information can spread on the internet and some of the risks associated with that and understand the difference between private and public, and secrets and surprises.</p> <p>Identify an allergic reaction to a bite or sting and how to seek medical help if required.</p> <p>Understand choices that they can make and those that are made for them.</p> <p>Understand it is most important to ensure the safety of myself and others when faced with an emergency situation.</p> <p>Explain rules for keeping safe near roads.</p>
Music	<p>Music-Ukulele</p> <p>Children will learn how to play the ukulele this term and practise a performance piece for the end of the term.</p>
D & T	<p>Electrical systems</p> <p>Children will design and make a nightlight that can be turned on and off using a variety of electrical components.</p>