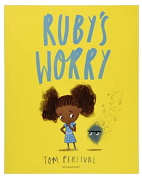
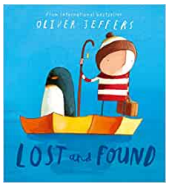
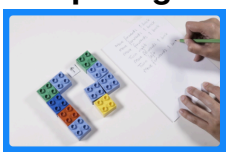
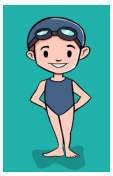
Our Year 1 Curriculum – Spring 1

Lens & Big Question	Civilisation: What makes London a capital city?
Maths	The children will use their knowledge of addition and subtraction within 10 and apply this to numbers within 20. For this, they will read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. They will represent and use number bonds and related subtraction facts within 20. They will add and subtract one-digit and two-digit numbers to 20, including zero. They will solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = __ – 9. The children will be continuing their place value knowledge by applying their learning of numbers within 20 and applying this to numbers within 50. They will count to and across 50, forwards and backwards, beginning with 0 or 1, or from any given number. They will count, read and write numbers to 50 in numerals.
English  	Throughout the half term, we will use Ruby's Worry and Lost and Found as our focus texts. The children will concentrate on oral rehearsal to facilitate the sharing and internalisation of their ideas collaboratively as a class. This engaging approach aims to boost their thinking and language skills, making it easier for them to write down their thoughts on paper. Children will also be taught skills to write sentences/narratives using these books as our stimulus. Handwriting: The children will be focussing on letter formation this term using the Read Write Inc. pattern used during phonics. There will also be a focus on ascenders and descenders. Sentence structure: The children will be learning the components needed when writing a sentence, with a focus on grammar and punctuation.
Geography	This term the children will be studying the concept of civilisation, specifically, what makes London a capital city. They will learn to name, locate and identify characteristics of the 4 countries and capital cities of the United Kingdom and its surrounding seas. They will use world maps, atlases and globes. Children will use simple compass directions (north, south, east and west) to locate the countries on a UK map. Aerial photographs and plan perspectives will be used to recognise landmarks and basic human and physical features. Physical geographical vocabulary will include; sea, river coast and human vocabulary; city, town and shop.
Science	Children will study the concept of seasonal change, in particular, winter this term. They will observe the changes from the autumn season into winter. They will observe and identify the key features of winter using their senses. They will describe the weather associated with winter and understand how the length of day changes in the different seasons. Children will be learning about animals including humans. We will learn to identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. We will explore the key features of animals, grouping and

	classifying them based on common features. We will also look at the different diets of animals and begin using the terms herbivore, carnivore and omnivore. Our learning will be supported/ aided by hands-on and real life experiences with some animals. We will visit London Zoo to build upon our knowledge.
PSHE 	Through the concept of 'Living in the wider world' children will discover what money is – that money comes in different forms and how money is obtained (e.g. earned, won, borrowed and given as a present). They will discover how people make choices about what to do with money, including spending and saving. Children will explore the difference between needs and wants, that people may not always be able to have the things they want and how to keep money safe and the different ways of doing this. **Our British Value this term is: Respect**
Music 	In Year 1 we will continue to explore feeling the pulse, copying simple rhythm patterns and using our voices and classroom instruments musically. We will be listening and moving to lots of different pieces of music that have a fast or a slow pulse, and music where the pulse changes. As a whole class, we will be creating a composition using fireworks as a stimulus. We will be choosing instruments carefully that create a desired effect. We will be exploring 'duration' through investigating and sorting percussion instruments into sounds that are long and short. We will be creating graphic scores by ordering symbols that represent long and short sounds.
Religious Education 	The children will be learning about Chanukah and answering the question; 'Does celebrating Chanukah make Jewish children feel closer to God?' The children will be learning the Chanukah story and how miracles and celebration are important to Jewish people.
Art 	We shall explore sculpture in art, joining recycled materials together to form a base shape for sculpture. Children will use papier mache to create a structure from a base shape and use paper to fold, twist, curl and slot to make sculptural structures. They will assemble works of art to create a final group piece. We shall name different types of paper and identify their different properties.
Computing 	The children will be completing a unit on programming - algorithms unplugged (not using technology). The children will be able to explain what an algorithm is, write clear algorithms and follow them too. They will be able to explain what inputs and outputs are and create an achievable program. They will learn to decompose a design into steps and identify bugs in an algorithm. **Online Safety: Safer Internet Day**
Indoor PE 	In PE, children will be doing gymnastics. In these sessions, they will be learning: • To know the basic gymnastics shapes and perform gymnastic movements with body tension. • To coordinate moving their legs and arms at the same time, and how to perform the tuck position in different ways. • How to perform a range of balances. • How to perform a forward roll (with some assistance) • How to rehearse and improve a gymnastics sequence. • How to create, rehearse and perform their own gymnastics sequence.

Outdoor PE 	In PE, children will be working on sending and receiving. For this they will be learning: • To develop rolling and throwing a ball towards a target. • To develop receiving a rolling ball and tracking skills. • To be able to send and receive a ball with your feet. • To develop throwing and catching skills over a short distance. • To develop throwing and catching skills over a longer distance. • To apply sending and receiving skills to small games.
Swimming 	In swimming sessions the children will be learning: • To enter and exit the pool safely. • To develop confidence when travelling in the water. • To develop confidence to submerge in the water. • To develop floating on front and back. • To develop the kicking action on the front and back. • To develop the arm action of pulling.