

## Class 3 – Curriculum Overview

### Spring 1st Half term

<b>Maths</b>	<b>Number: Multiplication and Division</b>	<b>Year 3:</b> Comparing statements, Related calculations, Multiply 2 digits by 1 digit, Divide 2 digits by 1 digit, Scaling, How many ways? <b>Year 4:</b> 11 and 12 Times table, Multiply 3 numbers, Factor pairs, Efficient multiplication, Written methods, Multiply 2 digits by 1 digit, Divide 2 digits by 1 digit, Correspondent problems
	<b>Measurement: Money, Statistics, Length, Perimeter and Area</b>	<b>Year 3:</b> Pounds and pence, add and subtract amounts, Pictograms and Bar charts, Measure length, m, cm, mm, compare, add and subtract lengths, measure and calculate perimeter <b>Year 4:</b> What is area, counting squares, making shapes, comparing area.
	<b>Fractions Decimals</b>	<b>Year 3:</b> Unit and non-unit fractions, making one whole, count in tenths, fractions on a number line, fractions of a set of objects. <b>Year 4:</b> Equivalent fractions, Fractions more than 1, Count in fractions, Add and subtract fractions, find fractions of a quantity, problem solving. Tenths and Hundredths, tenths as decimals
<b>English</b>	<b>Christmas Recount</b>	Exploring openers, first person, past tense and time connectives, children plan and write a recount of their Christmas holiday.
	<b>Non- chronological writing-</b>	Children will immerse themselves in North American mammals, using websites, books and videos to research their topic. They will then produce an information poster using all the features, including pictures with captions, titles, sub-titles, paragraphs and Did You Know?
	<b>Poetry</b>	During this unit children will be immersed in shape poems. They read, recite and discuss a variety before writing their own, including poems using possessive apostrophes and relative clauses.
<b>RE</b>	<b>Christian Value: Humility</b>  <b>Jesus the Teacher: the man who changed lives</b>	The children will be learning about the Christian value of Humility. We will be exploring how the qualities of humility are demonstrated through Bible stories. We will be thinking about how we can be humble in our daily lives.  The children will be answering the following key questions: <ul style="list-style-type: none"> <li>• Why did Jesus tell his stories?</li> <li>• What can we learn from his stories?</li> <li>• How did Jesus change lives?</li> <li>• When did/does Jesus change lives?</li> </ul> How do his stories impact on the lives of believers?

<b>Science</b>	<b>Rocks and Soils</b>	This half term we will be learning about rocks and soils. We will explore a variety of rocks and group them in different ways according to their observable features and attributes. We will investigate the properties of different rocks with fair testing e.g. permeability, hardness and an acid test for the presence of calcium carbonate. Use a rock identification key and identify different rocks for different purposes. Learn about how fossils are made and the life and contribution of the great fossil hunter Mary Anning.
<b>Geog</b>	<b>North America</b>	This half term we will be learning about the continent of North America. We will learn how to locate North America on a world map and explore and compare the landscapes and weather. We will explore the countries of North America, the states within the USA and the physical geography of the Rockies. We will look at the physical geography of Mount St Helens and the impact it has on the surrounding area and finally compare New York State and New York City with where we live.
<b>PE</b>	<b>Dance</b>	The children will be improvising sequences, exploring patterns and, understanding rhythm and counting beats as they choreograph their own dance. We will be working towards a performance for the Udance festival in March.
	<b>Gymnastics</b>	Develop flexibility, strength, technique, control and balance. Explore different ways of travelling using equipment. Sequence movements to make a short presentation, perform to peers.
<b>Art</b>	<b>Textiles</b>	This half term the children will be learning about different textiles and developing skills of weaving.
<b>Frenc</b>	<b>Numbers Classroom Objects School Subjects</b>	Children will respond to simple classroom commands, meet and greet others, respond appropriately when register is called, begin to recognise, read and pronounce words and phrases related to classroom objects and school subjects.
<b>Computing</b>	<b>Computer Science</b>  <i>Control &amp; Monitoring, Floor and Screen Turtles, Programming, Modelling &amp; Simulation</i>	<ul style="list-style-type: none"> <li>• Modelling ~ Sketch up</li> <li>• Recognise that an algorithm will help to sequence more complex programs and also help solve problems in other learning such as Maths, Science and Design and Technology.</li> </ul>

	<b>Information Technology</b>  <i>Data handling, Research (Using the Internet &amp; Computer Software)</i>	<ul style="list-style-type: none"> <li>• Explore the different ways data can be organised.</li> <li>• Search a ready-made database to answer questions.</li> <li>• Collect data help answer a question.</li> <li>• Add to a database.</li> <li>• Organise data in different ways.</li> <li>• Collect data and identify where it could be inaccurate.</li> <li>• Plan, create and search a database to answer questions.</li> </ul>
	<b>Digital Literacy</b>  <i>Communicating collaborating Multimedia, Digital Imagery, Music &amp; Sound</i>	<ul style="list-style-type: none"> <li>• Continue to use appropriate keyboard commands to amend text</li> <li>• Using spellchecker</li> <li>• Evaluate work and improve its effectiveness.</li> <li>• Use an appropriate tool to share work online.</li> </ul>
	<b>E Safety</b>  <i>Ongoing throughout the year age appropriate</i>	<ul style="list-style-type: none"> <li>• Talk about what makes a secure password and why they are important.</li> <li>• Protect personal information when doing different things online.</li> <li>• Choose a secure password and appropriate screen name when using a website.</li> <li>• Talk about the ways to protect themselves and friends from harm online.</li> </ul>