
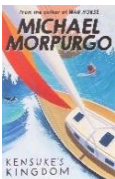
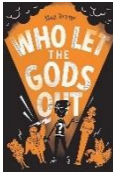

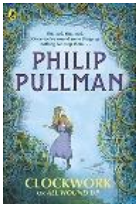
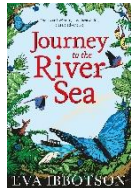




# CURRICULUM OVERVIEW 2024-25

YEAR: 5

Staff: Miss Cranney, Miss Staniland, Miss Bloomfield, Miss Wilson, Mr Kiggins, Mrs Carlton

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Enrichment Experience	Coraline film night (English)	Harvest Festival Christmas Service History of Writing University of Nottingham Visit			Partake Be a Curator - University of Nottingham Trip	The Mill Adventure Base Residential
Author of the half term / Class Book	Coraline – Neil Gaiman 	Kensuke's Kingdom – Michael Morpurgo 	Who Let the Gods Out? – Maz Evans 	Running on the Roof of the World – Jess Butterworth 	Clockwork – Phillip Pullman 	Journey to River Sea – Eva Ibbotson 
English	Unit 1 – Coraline narrative to entertain Unit 2 – Coraline speech to persuade	Unit 3 – Kensuke's Kingdom to persuade Unit 4 – Kensuke's Kingdom Haiku poem to entertain	Unit 5 – Jason and the Golden Fleece Retell to entertain Unit 6 – Dreadful Menace Poem to entertain	Unit 7 – Everest to persuade	Unit 8 – ISS to inform Unit 9 - Clockwork to discuss	Unit 10 – Rainforest animal to inform Unit 11 - Rainforest narrative to entertain
Handwriting	<b>Unit 1-6</b> The children will be practicing diagonal joins to ascenders, no ascenders and anticlockwise letter formation. They will be practicing horizontal lines to ascenders.	<b>Unit 7-12</b> The children will be practicing horizontal joins to no ascenders, horizontal joins to an anticlockwise letter. They will be practising joining from r and joining from s.	<b>Units 11 - 15</b> The children will be practicing joining proportion, joining from f to an ascender and no ascender. They will be writing a paragraph, writing at speed and legibility size, proportion.	<b>Units 16-20</b> The children will be practicing sloped writing and proportion, joining to p and b to ascenders. They will be joining p and b from no ascenders and practising parallel down strokes and double letters.	<b>Units 21-25</b> The children will be practicing sloped writing all double letters. They will be practising sloped writing for speed and writing for fluency.	<b>Units 26-30</b> The children will be beginning personal style writing for different purposes and printing the alphabet and capital letters.

<p>Maths</p>	<p><b>Place Value</b> The children will be learning about the value of each of the digits in a number up to one million.</p> <p><b>Addition and subtraction</b> The children will be learning how to use the formal methods for addition and subtraction for up to 5-digit numbers.</p> <p><b>Multiplication and division</b> The children will be learning about multiples, factors, prime, squared and cubed numbers.</p> <p><b>Fractions (part 1)</b> The children will be learning about equivalent and improper fractions and mixed numbers.</p>		<p><b>Fractions (part 1 cont.)</b> The children will learn how to add and subtract fractions and mixed numbers.</p> <p><b>Multiplication and division</b> The children will be using the column method for multiplication of 4 and 2-digit numbers. They will be using the bus stop method for division.</p> <p><b>Fractions (part 2)</b> The children will learn how to multiply fractions and mixed numbers. They will find fractions of an amount.</p> <p><b>Decimals and Percentages</b> The children will be learning about equivalent fractions and decimals. They will compare, order and round decimals.</p> <p><b>Perimeter and Area</b> The children will look at rectilinear shapes, polygons and compound shapes.</p> <p><b>Statistics</b> The children will look at line graphs, timetables and two-way tables.</p>		<p><b>Shape</b> The children will measure angles using degrees and look at regular and irregular polygons.</p> <p><b>Position and direction</b> The children will problem solve and translate with coordinates. They will look at lines of symmetry.</p> <p><b>Decimals</b> The children will add and subtract decimals.</p> <p><b>Negative numbers</b> The children will use a variety of techniques to understand negative numbers.</p> <p><b>Converting units</b> The children will look at kg, km, mm, ml and convert between. They will also look at time.</p> <p><b>Volume</b> The children will learn about volume and capacity.</p>	
<p>Science</p>	<p><b>Properties of materials</b> The children will explore conductors and insulators, solubility and separating mixtures.</p>	<p><b>Changes of materials</b> The children will look at reversible and irreversible changes and chemical reactions.</p>	<p><b>Forces</b> The children will explore gravity, air resistance, water resistance, friction and mechanisms.</p>	<p><b>Earth and Space</b> The children will learn about the planets in the solar system, the Big Bang Theory and the phases of the moon.</p>	<p><b>Living things</b> The children will learn about sexual and asexual reproduction and life cycles of different animals.</p>	<p><b>Animals, including humans</b> The children will explore the life cycles of a mammal, gestation periods and puberty.</p>
<p>Computing</p>	<p><b>iProgram Unit 1</b> The children will develop computational thinking and programming with Scratch.</p>	<p><b>iProgram Unit 2</b> The children will develop computational thinking and learn how to program with Kodu.</p>	<p><b>iDraw</b> The children will explore how images are made from shapes and lines.</p>	<p><b>iCrypto</b> The children will explore data encryption and cryptography.</p>	<p><b>iWeb</b> The children will explore web design and construction.</p>	<p><b>Litter Hunt Microbits</b> (physical programming) The children will be learning how to program and control a computing device.</p>

		<p><b>iSafe</b> The children will be learning how to stay safe online.</p>	<p><b>iModel</b> The children will explore, design and construct 3D digital modelling.</p>			
RE	<p><b>Inspirational People in Today's World</b> The children will think about what we can learn from great leaders and inspiring examples in today's world.</p>	<p>Christmas</p>	<p><b>Religion and the individual: what matters to Christians?</b> The children will think about what is expected of a person in following a religion or belief and what matters most to Christians in their religion.</p>	<p>Easter</p>	<p><b>Beliefs and Questions</b> The children will think about how people's beliefs about God, the world and others have impact on their lives.</p>	<p><b>Beliefs in Action in the World</b> The children will think about how religious and spiritual thoughts and beliefs expressed in arts and architecture and in charity and generosity.</p>
RSE/PSHE	<p><b>Being My Best</b> We are learning how to develop ourselves through learning and challenges, how to be safe and healthy and how to help others.</p> <p><b>Mini Police</b></p>	<p><b>Valuing Difference</b> We are learning about and celebrating our similarities and differences. We are understanding how to treat other people with fairness and respect.</p> <p><b>RSE</b> We will explore the emotional and physical changes occurring in puberty.</p> <p><b>Mini Police</b></p>	<p><b>Keeping Myself Safe</b> We are learning about how to live healthy and safe lives, to promote our wellbeing and to have positive relationships with others.</p>	<p><b>Rights and Responsibilities</b> We are learning about the things that we should have and the things that we should do.</p> <p><b>RSE</b> We will understand male and female puberty changes in more detail.</p>	<p><b>Me and My Relationships</b> We are learning about ourselves and how we get along with other people.</p> <p><b>GREAT Project</b></p>	<p><b>Growing and Changing</b> We are learning about our bodies and our relationship with ourselves and others. We are focusing on how these things grow and change over time.</p> <p><b>RSE</b> We will explore the impact of puberty on the body and the importance of hygiene.</p>

Safeguarding links	DSL Video E-safety Mini Police PSHE: How to be safe	DSL Video E-safety Mini Police PSHE: Treating people fairly and discrimination	DSL Video E-safety History: Gender roles in Ancient Greece (comparing to modern day)	DSL Video E-safety PSHE: Living healthy lives (impact of smoking, drugs & alcohol) GREAT Project – Exploring healthy relationships and abuse	DSL Video E-safety RE: Exploring religious views	DSL Video E-safety Performing Arts: Equality and diversity
Art		<b>Typography and maps</b> The children will explore how we can create typography through drawing and design, and use our skills to create personal and highly visual maps.		<b>Fashion Design</b> The children will explore contemporary fashion designers and create your own 2D or 3D fashion design working to a brief.		<b>Architecture: Dream Big or Small?</b> The children will explore the responsibilities architects have to design us a better world. Make your own architectural model.
D&T	<b>Cams and Leavers - Automata Animals</b> The children will design, make and evaluate a pop-up toy for a child to improve their fine motor skills.		<b>Textiles – Using CAD in textiles</b> The children will design, make and evaluate a gardening tool belt for children in school to use in gardening lessons.		<b>Food – Celebrating culture and seasonality</b> The children will design, make and evaluate a Spanish dish for people to enjoy on Spanish Day.	
Food for Life	The children will be weeding preparing the ground, composting, tending the polytunnel.	The children will be weeding preparing the ground, composting, tending the polytunnel.	The children will be weeding preparing the ground, composting, tending the polytunnel.	The children will be growing herbs indoors and planting bulbs/ seeds as well as weeding, watering and preparing the ground.	The children will be weeding preparing the ground, composting, tending the polytunnel.	The children will be trying the produce grown in planters and polytunnel.

Geography		<b>Raging Rivers</b> The children will be learning about the course of a river, how they are formed and flooding.		<b>Magnificent Mountains</b> The children will be learning about how mountains are formed, where they are located,		<b>Rainforests</b> The children will be learning about the climate in rainforests, where they are located and the animals that live in them.
History	<b>Stone Age to Iron Age</b> The children will be learning about life from the Stone Age to the Bronze Age and then the Iron Age. They will learn why the time periods have their names and what evidence was left behind to prove their existence including Stonehenge.		<b>Ancient Greece</b> The children will be studying the ancient Greeks and their influence on the western world. They will study the Olympics, pottery, democracy and the Greek gods.		<b>The Mayans</b> The children will be learning about who the Maya people were, when are where in the world they lived. They will learn about the calendar and number system that they invented and foods that were significant to them.	
Spanish	<b>Phonetics</b> The children will be learning how to pronounce Spanish words using phonetics.  <b>What is the date?</b> The children will be learning how to speak, read and write the date in Spanish.	<b>What is the weather?</b> The children will be learning how to speak, read and write about the weather. They will know how to say what the weather is like in Spain.	<b>In the classroom</b> The children will be learning how to speak, read and write about objects found in the classroom.	<b>The Solar System</b> The children will be learning how to speak, read and write all the names of the planets on the solar system map. They will know interesting facts about the planets.	<b>Do you have a pet?</b> The children will be learning how to speak, read and write popular animals that are pets. The children will know how to ask if someone has a pet or not. They will use different Spanish names for pets.	<b>Habitats</b> The children will be learning how to speak, read and write the key elements that animals and plants need to survive. They will know the 5 most common habitats and adaptations of plants.

<p>Music</p>	<p><b>Performance</b> The children will understand metre through singing and playing instruments, composing their own lyrics and developing body percussion.</p>	<p><b>Listening</b> The children will be listening to music with focus and analysing its composition using musical vocabulary.</p>	<p><b>Performance</b> The children will be listening to classical orchestral pieces and identifying the instruments they can hear. They will be playing a melody on guitar and tuned percussion following rhythmic notation.</p>	<p><b>Samba and polyrhythms</b> The children will be singing in three parts, understanding what a round is and reading a melody in staff notation.</p>	<p><b>Beat</b> The children will be exploring extended vocal techniques, creating vocal compositions for various environments and learning about the music of early opera.</p>	<p><b>Composition</b> The children will be exploring beat at different tempi, singing syncopated melodies and developing rhythm skills through singing, playing and moving.</p>
<p>PE</p>	<p>Real PE: Personal  <b>Games: Basketball</b></p>	<p>Real PE: Social  <b>Real Gym</b></p>	<p>Real PE: Dance  <b>Games: Tag Rugby</b></p>	<p>Real PE: Cognitive  <b>Outdoor Adventure</b></p>	<p>Real PE: Creative  <b>Athletics</b></p>	<p>Real PE: Health and Fitness  <b>Striking and Fielding:</b> Cricket/Rounders</p>