







Spring Term Overview – Year 3 and 4 – Miss James' Class



<p>Our Spring unit is Rocks, Relics and Rumbles</p>  <p>Big Picture</p> <p>This unit teaches children about the features and characteristics of Earth's layers, including a detailed exploration of volcanic, tectonic and seismic activity.</p>	<p>Year 3 and 4</p>	<p>Term Spring 3 and 4</p>	<p>Duration – 12 weeks</p>	<p>Academic year 2022-2023</p>	
	<p>Key Themes :</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Communication</p> </div> <div style="text-align: center;">  <p>Creativity</p> </div> <div style="text-align: center;">  <p>Community</p> </div> <div style="text-align: center;">  <p>Coastal</p> </div> </div>				
	<p>Key Vocabulary</p> <p>Erode, impermeable, lava, molten, magma, organic matter, ring of fire, organic matter, tectonic plate, vent, volcanic eruption, sedimentary, igneous, metamorphic, crust, mantle, inner core, outer core, fossil, earthquake, tsunami, alloy, attract/attraction, aurora, compass, contact force, force meter, friction, lubricant, magnetic field, magnetic force, newton, non-contact force, repel/repulsion, tread pattern, abstract, elongated, muted, Renaissance, subject, cam, follower, mechanism, lever, slider, linkages, wheel and axle.</p>	<p>School Learning Values</p> <p>Responsibility Resilience Respect Honesty Friendship</p>	<p>Key events/dates</p> <p>Wednesday 4th January – First day back at school Monday 9th January – Young Voices Tuesday 24th January – Bike ability Tuesday 31st January – Parent Consultations Wednesday 1st February – Parent Consultations Wednesday 8th February – Fizz Pop assembly Friday 24th February – Swimming Thursday 2nd March – World Book Day Monday 6th March – Wednesday 8th March – Book Fair Monday 13th March – Science Week Friday 17th March – Red Nose Day</p>		<p>Home Learning</p> <p>*Daily reading *Spelling practice for Friday test of keywords (sheets sent home) and fortnightly test of spelling rules. *Use Times Table Rockstars at least 3 x per week. *Weekly Maths, English or another subject - Home learning task given out on a Friday through the Teams platform and due in on the following Wednesday.</p>
		<p>British Values </p> <p>Individual Liberty Rule of Law Mutual Respect Tolerance Democracy</p>			
<p>Geography</p> <p>Geography is the driver subject for this term. We will learn about the different layers of the Earth, including plate tectonics and their potential effects on the Earth's surface. We will investigate different types of rock to learn about their uses and properties. We will also investigate soil and fossils, including learning about the work of Mary Anning. We will have the opportunity to use maps to learn about the lines of latitude and longitude. We will also learn about volcanoes, earthquakes and tsunamis.</p>	<p>English</p> <p>We will be developing our writing through looking at different genres, including: narratives, recounts, non-chronological reports and poetry. We will be developing our reading skills through a range of fiction and non-fiction texts in Whole Class Reading, sharing a Class Story for pleasure and working from model texts in our writing units. We will be learning a range of spelling rules as well as national curriculum statutory words which will then be assessed regularly.</p>	<p>Maths</p> <p>We will be consolidating our work on place value then moving onto addition and subtraction of 3- and 4-digit numbers. We will then begin looking at multiplication and division.</p>	<p>Science</p> <p>This project will look at contact and non-contact forces, including friction and magnetism. We will investigate frictional and magnetic forces and identify parts of a magnet and magnetic materials. We will use force meters to measure the forces needed to carry out everyday tasks and record their measurements. We will test the magnetic properties of different objects and learn about the magnetism of the Earth and how this enables compasses to work.</p>	<p>DT</p> <p>The children will learn about cam mechanisms. They will experiment with different shaped cams before designing, making and evaluating a child's automaton toy.</p>	
<p>French</p> <p>We will continue learning how to greet someone using the French language as well as counting to 12 and saying our age.</p>	<p>PE</p> <p>We will be developing our gymnastic skills incorporating balance and coordination as well as developing ball skills through different invasion activities.</p>	<p>Computing</p> <p>We will continue to use digital technology to enhance our learning in class through research and using technology safely and using simple search technologies.</p>	<p>PSHE</p> <p>Dreams and Goals and Healthy Me. Dreams and Goals will look at aspirations, challenges, teamwork and resilience. The Healthy Me unit will work on self-esteem, confidence and healthy lifestyle choices.</p>	<p>RE</p> <p>We will be developing out knowledge about Lent within the Christian faith.</p>	