





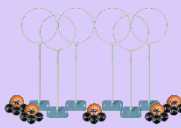


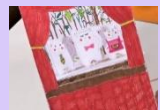



## Darwin Class – Y6 – Curriculum Overview – Autumn 1

<div><div><div>History/Geography</div><div><p>Pupils will develop the essential qualities and skills of young geographers through geographical knowledge and geographical enquiry relating to the physical and human environments of The United Kingdom (UK). Comparisons will be made between Newquay and Birmingham.</p></div></div></div>	<div><div><div>English Skills and VIPERS</div><div><p>VIPERS: Harry Potter and the Philosopher's Stone by JK Rowling</p><p>Place Value of Punctuation and Grammar Unit:</p><p>Non-fiction: Instructions – how to make a periscope</p></div></div></div>	<div><div><div>Science</div><div><p>'Light' takes children through six lessons where they learn how to: recognise that light appears to travel in straight lines; explain that objects are seen because they give out or reflect light into the eye; explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes; and use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</p></div></div></div>	<div><div><div>Maths</div><div><p>Number facts: 4, 8 and 3-times tables</p><p>Fluent in five daily</p><p>Rapid Reasoning daily</p><p>Place Value:</p><p>Roman Numerals (recap)</p><p>Rounding to 10, 100 and 1000 (recap), Numbers to 10,000,000, Powers of 10, number lines, compare and order any integer, round any integer, negative numbers.</p></div></div></div>		
<div><div><div>Computing</div><div><p>Communication and collaboration</p><p>Pupils will understand that computer systems transfer information over networks in data packets</p><p>Pupils will understand that internet connected programmes allow us to work together (collaborate)</p></div></div></div>	<div><div><div>Class book</div><div><p>Topic Title</p><p>Magic and mystery</p><p>Key Question</p><p>What is the difference between light and dark?</p></div></div><div><div>Virtue focus:</div><div>assertiveness</div></div></div>			<div><div><div>Addition, subtraction, multiplication and division:</div><div><p>Add and subtract integers, common factors and multiples, rules of divisibility, prime numbers, square and cube numbers, multiplying and dividing using formal methods, solving problems involving multiplication and division, order of operations, mental calculation and estimation, reason from known facts.</p></div></div></div>	
<div><div><div>PE</div><div><p>Indoor: Quidditch</p><p>Outdoor: Hockey</p></div></div></div>	<div><div><div>Music</div><div><p>Classroom Jazz 2</p><p>Genre: Bacharach and Blues Jazz, improvisation</p></div></div></div>	<div><div><div>RE</div><div><p>What matters most to Christians and Humanists?</p></div></div></div>	<div><div><div>PSHE</div><div><p>Me and my relationships</p></div></div></div>	<div><div><div>Spanish:</div><div><p>Exploring a Spanish town</p></div></div></div>	<div><div><div>Art/DT</div><div><p>DT: Mechanical systems: Automata toys</p></div></div></div>

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<b><u>Wow Moment:</u></b> Dark day!	<b><u>Fabulous Finish:</u></b> Harry Potter potion making	
<b><u>Enrichment Opportunities</u></b> Harry Potter STEAM: <ul style="list-style-type: none"><li>• Create a circuit to cast 'Lumos' and 'Nox' spells</li><li>• Cauldron bath bombs</li><li>• 'Facing boggarts' – considering our own personal fears and how to overcome them</li><li>• Marauders Map invisible ink</li></ul>		
<b><u>Suggested Learning Opportunities at Home:</u></b> <ul style="list-style-type: none"><li>• Experiment and see how light creates shadows. Take photographs or draw pictures of these objects with the light shining from 3 different angles. How does this change the shadow?</li><li>• Draw a diagram of the eye. Label the following parts: lens, optic nerve, pupil, iris, cornea, and retina</li><li>• Create a map of the United Kingdom and places you have visited.</li></ul>		