

## Key Knowledge Overview

Term: Autumn 1

Topic: To infinity and beyond

Year: 5

Subject	Key Knowledge	Rag rated at end of unit
Science	<p style="text-align: center;">Earth and Space.</p> <p>To know the difference between rotation and orbiting. To consolidate the knowledge of the planets and compare and present findings related to the planets and space. To investigate real rocks from the moon.</p> <ul style="list-style-type: none"> <li>• identify common appliances that run on electricity</li> <li>• construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers</li> <li>• identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery</li> <li>• recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</li> <li>• recognise some common conductors and insulators, and associate metals with being good conductors.</li> <li>• To be able to describe the simple functions of the basic parts of the digestive system in humans</li> <li>• To be able to identify the different types of teeth in humans and their simple functions</li> </ul> <p>To be able to construct and interpret a variety of food chains, identifying producers, predators and prey.</p>	
History	<p style="text-align: center;">To study the First Moon Landing.</p> <p>To understand the significance of Neil Armstrong, Buzz Aldrin and Michael Collins and the roles they played in history.</p> <p>To learn about the Space Race and place this in a historical and chronological context.</p> <p>To know how to compare a variety of resources</p> <p>To evaluate a variety of resources</p> <p>To present and communicate findings.</p> <p>To embody knowledge through role play.</p> <p>To consider cause and effect</p>	
Geography	N/A	
Art and Design	N/A	
Design Technology	<p>Woodwork: To design, realise and evaluate moon buggies.</p> <p>To use a variety of resources.</p>	
RE	<p>Christianity:</p> <p>To learn from and about the rites of passage, the miracles of Jesus and the development of the bible.</p>	
Computing	<p>Coding: To learn how to use coding to create a functioning Computer programme.</p>	

MFL	<p>To learn basic vocabulary, conversational, translation and listening skills related to high streets (including reciting a short text with correct pronunciation).</p> <p>To learn negatives, connectives, pause words and to give and receive directions.</p> <p>To revise adjectives and connectives (y, tambien, pequeno, grande, bueno, pues, vamos a ver, si etc).</p>	
PE	Hockey (dribbling, control, shooting, correct posture with sticks etc).	
PHSE	<p>To learn about, compare and contrast different communities, the lives of other people from different communities.</p> <p>To understand what pressure groups are.</p> <p>To gain an appreciation of similarities and differences and develop tolerance.</p>	
Music	<p>Living on a Prayer: Rock music, rock anthems.</p> <p>To perform and critique music.</p>	