

# Priory CE Primary School - Year 5 Long Term Plan - 2021-22

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Lead Question	Space: is the future always in motion	Is everything as it seems?	What is the circle of life?	Where in the World?	Ancient Civilizations: what is their legacy?	
English Text	The Jamie Drake Equation		Wind in the Willows		Harry Potter and the Philosophers Stone	
Topic Driver	Science Earth and Space Forces	Science Properties and changes in materials Earth and space Forces	Science All living things and their habitats Animals including humans	Geography South America Rainforests	History Ancient Greece and Ancient Egypt	
Key Knowledge Points (KKPs)	<ul style="list-style-type: none"> <li>Know about and explain the movement of the Earth and other planets relative to the Sun</li> <li>Know about and explain the movement of the Moon relative to the Earth</li> <li>Know and demonstrate how night and day are created</li> <li>Describe the Sun, Earth and Moon (using the term spherical)</li> </ul>	<ul style="list-style-type: none"> <li>Compare and group materials based on their properties (e.g. hardness, solubility, transparency, conductivity, [electrical &amp; thermal], and response to magnets</li> <li>Know and explain how a material dissolves to form a solution</li> <li>Know and show how to recover a substance from a solution</li> <li>Know and demonstrate how some materials can be separated (e.g. through filtering, sieving and evaporating)</li> <li>Know and demonstrate that some changes are reversible and some are not</li> <li>Know how some changes result in the formation of a new material and that this is usually irreversible</li> <li>Know what gravity is and its impact on our lives</li> <li>Identify and know the effect of air and water resistance</li> <li>Identify and know the effect of friction</li> </ul>	<ul style="list-style-type: none"> <li>Know the life cycle of different living things e.g. mammal, amphibian, insect and bird</li> <li>Know the differences between different life cycles</li> <li>Know the process of reproduction in plants</li> <li>Know the process of reproduction in animals</li> <li>Understand the timeline to indicate stages of growth in humans</li> <li>Explain how levers, pulleys and gears allow a smaller force to have a greater effect</li> </ul>	<ul style="list-style-type: none"> <li>Know the names of a number of European capitals</li> <li>Know the names of, and locate, a number of South or North American countries</li> <li>Know key differences between living in the UK and in a country in either North or South America</li> <li>Know what is meant by biomes and what are the features of a specific biome</li> <li>Can label layers of a rainforest and know what deforestation is</li> </ul>	<ul style="list-style-type: none"> <li>Know about, and name, some of the advanced societies that were in the world around 3000 years ago</li> <li>Know about the key features of either: Ancient Egypt; Ancient Sumer; Indus Valley; or the Shang Dynasty</li> <li>Know about Greek people and democracy</li> <li>Know about the influence the gods had on Ancient Greece</li> <li>Know at least five sports from the Ancient Greek Olympics</li> </ul>	
WOW start	Team building games to set up the year & Astronaut Training	Egg drop (Mars landing) challenge	Outside study – what can we see/find on our school grounds that is living?	Create our own mini water cycles (rainforest)	Build Pyramids	

# Priory CE Primary School - Year 5 Long Term Plan - 2021-22

Visits	Leicester Space Centre			Theatre visit	Warner Brothers Studio	
Reflection	Make a knowledge Mat	Make a knowledge Mat	Create own animal based on learning	Attenborough style documentaries	Who had the greatest impact? Independent study	
Foundation Subject links	Art: Peter Thorpe mixed media Geography: time zones around the globe/ Terrains and atmosphere Computing: planet database History: Scientists through the ages/ changing thoughts on the solar system	History: Different sources of Evidence – moon landings D&T: Design, make, evaluate Rocket Car Computing: algorithms	D&T/ Science: pneumatic butterflies Art: animal drawings	Art: rainforest prints Computing: stop motion animation video D&T: Marble run (raindrop falling through canopy)	Geography: European countries and Key African countries on maps	
Maths Link	Scale drawings of planets Time Zones		Line graphs/ bar charts/ drawing and on computers	Tables and charts to daylight hours in polar regions	Pie Charts Square Numbers	
Outside Environment	Encouragement to look at the night sky (phases of the moon)		Use of Chickens Use of grounds to look at plants and trees	Improve out Outside environment (eco-system) Make bird boxes,etc		
Community Links		Parent D & T Workshop	<ul style="list-style-type: none"> <li>Nurses – puberty talk</li> <li>Local magistrate to support debate</li> </ul>			
Jigsaw Theme	Being Me in My World	Celebrating Difference	Dreams and Goals	Healthy Me	Relationships	Changing Me
RE	How do religions answer some of the important questions of life? U2.7 – what matters most to Christians and Humanists? U2.1 – why do some people believe God exists?		What demands does belonging to a religion make?  U2.3 – what do religions say to us when life gets hard?		How do people express their faith through the arts?  U2.5 – is it better to express your beliefs in arts and architecture or in charity and generosity	
PE	Swimming Gymnastics	Swimming Invasion Games	Net and Wall Dance	Net and Wall Invasion Games	Athletics Swimming	Athletics Swimming
French	TBC	TBC	TBC	TBC	TBC	TBC
E-Safety	Privacy and Security	Cyber bullying	Online relationships and image	Filming and photography online reputation	Whole variety of e-safety issues – recap themes	Child/parent choice