




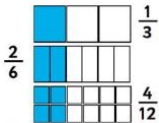












Anfield Road Primary School Medium Term Plan Year 5

Spring Term 1

What is the Solar System?

Curriculum Enhancements:				
Trip to ????				
English				
Genre: Narrative: : science-fiction Alien Landing Ex SAT Paper		Genre: Non-Fiction: explanation text. How to look after a Bearded Dragon RSPCA		Extra text to support Comprehension Ruby Bridges by Robert Cole
Author Study: Maz Evans				
Maths				
4 Operations		Multiplication & Division		Fractions
				
Foundation Subjects				
History - Achievements of Mankind	Science – Space	Geography – Time Zones	Art – Drawing	DT – Electronics
Key Question: What was the space race?	Key Question: What is the relationship between the sun and the planets?	Key Question: What is the purpose of the Greenwich Meridian line?	Key Question: Can you add tone and shade for effect?	Key Question: Can you create a fanning system for a spacecraft?
				
Key knowledge:	Key knowledge:	Key knowledge:	Key knowledge:	Key knowledge:

<ul style="list-style-type: none"> • Which countries were in a race to get to space? • Who was the first man on the moon? • What evidence do we have to show that man has been on the moon? • How reliable is the evidence that shows us that man has been on the moon? • What conspiracy theories question the evidence? 	<ul style="list-style-type: none"> • Know about and explain the movement of the Earth and other planets relative to the Sun • Know about and explain the movement of the Moon relative to the Earth • Know and demonstrate how night and day are created • Describe the Sun, Earth and Moon (using the term spherical) • Know information about the planets 	<ul style="list-style-type: none"> • Why are there time zones? • What are the 5 major lines of latitude? • How many time zones are there? • What is meant by longitude and latitude? • What is meant by Greenwich mean time? 	<ul style="list-style-type: none"> • Create drawing using line, tone, pattern, & texture. • Draw an object from different viewpoints. Introduce how to look at perspective. • Use techniques for purpose eg shading. • Work from both direct observation and photographs. <p>Select suitable background to display drawings.</p>	<p>Designer: Dyson Look at a fan and how it works. What is its purpose? Program, monitor and control using ICT. Children will design their air conditioning unit and use the Elegoo boards to create a fanning system. They will also monitor the temperature. Focussed Practical Task: Use a Elegoo board to create a circuit that works.</p>
<p>Key Vocabulary: Space Race Neil Armstrong Yuri Gagarin NASA Apollo 11 Evidence</p>	<p>Key Vocabulary: Solar System Planets Spherical Rotates Orbit Star</p>	<p>Key Vocabulary: Longitude Latitude Northern hemisphere Southern hemisphere Equator Time zone</p>	<p>Key Vocabulary: Viewpoint Perspective Shading Background Line Tone</p>	<p>Key Vocabulary: Fan Program Control Monitor</p>
<p>Foundation Subjects</p>				
<p>PSHE - Whole School theme – Responsibility</p>	<p>RE – Christianity & humanism</p>	<p>Music –</p>	<p>PE – Boxing & Dance</p>	<p>Computing - Programming</p>
<p>Key Question: How can we help in an accident or emergency?</p>	<p>Key Question: What matters most to Christians and Humanists?</p>	<p>Key Question:</p>	<p>Key Question:</p>	<p>Key Question: Can I program a rocket landing on planets?</p>

				
Key knowledge:	Key knowledge:	Key knowledge:	Key knowledge:	Key knowledge:
<p>When is it appropriate to use first aid? Why is it important to seek adult help when there has been an accident? How to carry out basic first aid including for burns, scalds, cuts, bleeds, choking, asthma or allergic reactions. If someone has experienced a head injury – don't move them!</p>		Holst the planets	Boxing throughout the year	<p>Understand how to plan and write programs that accomplish specific goals. Know what debugging is. Understand the importance of planning. Understand what the terms sequence, repetition and selection mean and know how to use them in programs. Understand how to use logical reasoning to detect and correct errors in programs</p>
Key vocabulary First aid Burns Asthma attack Allergy Head injury Assistance	Key vocabulary	Key vocabulary	Key vocabulary	Key vocabulary Variables Errors Link Predict program writing sensor sprite, algorithm, control