

Year 5	Summer 1	Summer 2
Theme	Earth & space Planetarium	Forces/ Rollercoasters
Reading Author of the term	Christopher Edge	William Shakespeare
Poet for the half term	Gareth Lancaster - Sailing Out to Space	You can't stop me - Miriam Moses
English Key genres for writing	Poetry- Space Information Leaflet about the solar system. Balanced reports about whether aliens exist. Story writing- Science fiction stories.	Diary entry based on A Midsummer Night's Dream by William Shakespeare Setting descriptions based on A Midsummer Night's Dream by William Shakespeare Story writing- a modern day Midsummer Night's Dream Instructions based on how to make lego robots Information leaflets about rollercoasters
Maths linked to topic	Measures: Distance in m and km	Measures
Maths	Place value, counting, negative numbers, addition, subtraction, multiplication, division, mass, statistics, money and algebra	
Humanities	The history of astronomy and space exploration A study of the work of famous scientists: Galileo, Copernicus, Sir Isaac Newton and Albert Einstein	Mapping work using Drayton Manor as the stimulus Plan a map for a theme park

		Use the eight points of a compass, 4 and 6 grid references, symbols and a key to develop a map/plan
Art and design		Arts and culture week
Science	<p>Earth and space</p> <p>Describe the movement of the Earth, and other planets, relative to the Sun in the solar system</p> <p>Describe the movement of the Moon relative to the Earth</p> <p>Describe the Sun, Earth and Moon as approximately spherical bodies</p> <p>Use the idea of the Earth's rotation to explain day and night.</p> <p>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p>	<p>Forces Statutory requirements</p> <p>Compare how things move on different surfaces</p> <p>Notice that some forces need contact between two objects, but magnetic forces can act at a distance</p> <p>Observe how magnets attract or repel each other and attract some materials and not others</p> <p>Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials</p> <p>Describe magnets as having two poles</p> <p>Predict whether two magnets will attract or repel each other, depending on which poles are facing.</p> <p>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p> <p>Identify the effects of air resistance, water resistance and friction, that act between moving surfaces</p> <p>Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p>
Design and technology	Design and make a moving solar system	Creating a moving fairground ride using forces

Computing	Programming: Lego Robots (2 classes)	Programming: Lego Robots (1 class)
RE	Dispositions linked to the Planets topic <u>Being Imaginative and Explorative</u> ■ <u>Being Hopeful and Visionary</u> ■ <u>Being Courageous and Confident</u> ■ <u>Being Curious and Valuing Knowledge</u>	Discrete dispositions topic Being Modest and Listening to Others Being Loyal and Steadfast Being Open, Honest and Truthful
PHSE	Road safety week	Puberty and personal hygiene Water safety week
PE	Tennis 5G Athletics 5R and 5B Rounders 5Y	Tennis 5Y and 5B Athletics 5G Rounders 5R
Music	Gustav Holst – The Planets Music festival – music inspired by The Planets. Composition and performance.	
MFL French	The Planets - Les planètes	Sport Le Sport
Educational visits / visitors	Planetarium RAF Cosford	
Parental workshops	E- safety	Secondary transfer