



YEAR 5 AUTUMN TERM VEHICLE

Our Galaxy

Science objectives – black
 Geography objectives- purple
 Dt/Art objective- green

Week 12
 Prepare for destination.
 Create and evaluate a Starry Night space-themed picture.

Week 13
 Prepare for destination.

Week 11
 Predict what Stonehenge might have been used for.
 Prepare for destination.
 Design a Starry Night space-themed picture.

Week 7
 Understand how the Earth's tilt affects climate and seasons.
 Understand physical geography of South America.
 Learn about the history of the prominent painter- Vincent Van Gogh.

Week 6
 Understand how the sun, Earth and moon are spherical bodies.
 Describe and understand types of settlement and land use in the Amazon basin.
 Evaluate Mars rover.

Week 8
 Explain the apparent movement of the sun across the sky.
 Understand physical geography of South America.
 Learn about Starry Night and post-impressionism.

Week 5
 Solar System research.
 Describe and understand types of settlement and land use in the Amazon basin.
 Create circuit and programme Mars rover.

Week 4
 Describe the movement of the moon.
 Identify the position and significance of the Tropic of Cancer and the Tropic of Capricorn.
 Create body of Mars rover following design.

Week 3
 Understand why the Earth's rotation causes day and night.
 Identify key environmental regions of South America.
 Practice making electrical circuits.

Week 2
 Describe the movement of the planets.
 Name some of the major countries and capital cities in South America.
 Make a detailed, annotate design sketch of a Mars rover.

Week 1
 Identify the role of the sun in the solar system.
 Name some of the major countries and capital cities in South America.
 Understand what a Mars rover is.

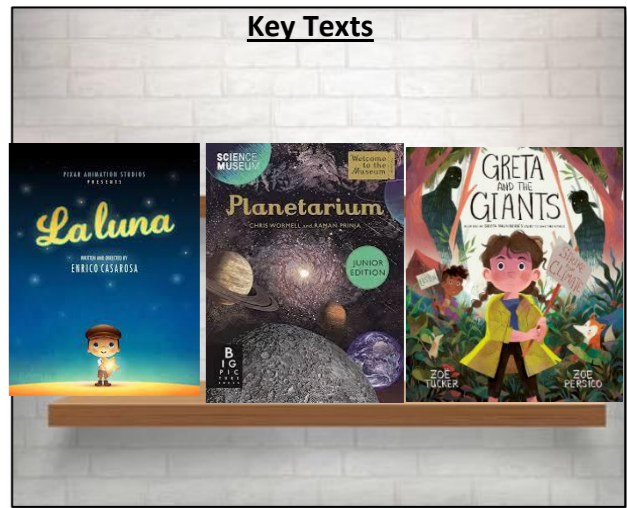
Week 10
 Construct a simple sundial.
 Explain the wonders of South America.
 Learn about and experiment with impasto technique.

Week 9
 Understand how sun dials were used.
 Investigate the importance of the distribution of natural resources and how this has changed over time.
 Experiment with colour mixing using black and white for effect.

Key Vocabulary
 Solar system, sun, planets, rotation, orbit, axis
 climate, biome, vegetation, natural resources,
 South America, Tropic of Cancer, Tropic of Capricorn

Hook Day!
 On Monday 8th September, children will travel the solar System from inside the Explorer Dome

Vehicle Destination!
 We are astronomers!
 We will host a planetarium session for guests. They will learn about our solar system, including our home planet and its beautiful biomes.



SIGNIFICANT INDIVIDUALS



Neil Armstrong Tim Peake V. Van Gogh
 Helen Sharman Katherine Johnson N. Copernicus

As well as the visit from the Explorer Dome, we will be travelling to the Eden Project to take part in a hot and tropical workshop later in the term.