

Areas of Learning:

As Scientists we will be researching how our planet fits in the Solar system, and how its position enables life to exist. We will also be studying the way light behaves, including light sources, reflection and shadows.

As geographers we will explore physical geography including mountain ranges, features of volcanoes and key aspects of earthquakes. We will study the earth's biomes and climate zones.

As artists we will look at light and shade, and ways artists have represented planets through various media.

We will have Science Oxford to visit the school with a space-themed show.

We will be visiting the Ashmolean as part of the Lieder project.

EARTH MATTERS

Year 5 and 6

Autumn Term 2017



Building Learning Power	Philosophy for Children	Rights Respecting School	Our Well being (Physical, emotional, moral and spiritual)
<p>As life-long learners we will:</p> <ul style="list-style-type: none"> • Explore what kind of learners we are • Find out what helps us learn • Become more independent learners. 	<p>As Philosophers we will:</p> <ul style="list-style-type: none"> • Discuss the ethical issue regarding space exploration • Discuss ways that countries have signed a climate change agreement and what this will mean for the future. 	<p>Through exploring the United Nations Charter we will:</p> <ul style="list-style-type: none"> • Create our own class charter • Environmental issues of looking after our world • Article 3;6;12;17;24. 	<p>We will:</p> <ul style="list-style-type: none"> • Continue to explore and discuss our school values through Family Links and Circle Time activities. • Y6 – IMPs visit

Literacy

Y6 Book: 'Boom' by Mark Haddon

Y5 Book: 'Phoenix' by SF Said

Topic based comprehensions

Non-chronological report planets/aliens;
Instructions; News report; Poetry.

Mathematics

Number: place value; 4 operations; decimals, fractions.

Shape: properties

Measures: conversions; money

Data Handling topic based

Science

Earth and Space-movement of Earth and planets relative to sun; moon study; explain day and night.

Light-travel in straight lines; reflection; light sources; shadows.

Art & Design / Design Technology

Pastel art Papier Mache planets
Nebula fabric art Light/ shade drawings
Compass drawings Christmas art

Computing

Computer generated art (reflections)
Independent research Lego film
Powerpoint presentations
Coding with Bee bots

History

History of space exploration

Religious Education

Y5/6 Harvest and Christmas themed work

PE

Year 5 swimming Y6 Glasbury activities
Teambuilding/Fitness activities
Invasion Games

Music

Lieder Project and performance
Drumming Y5/6
Holst's Planets

Geography

Physical geography including: biomes and vegetation belts; mountains, volcanoes and earthquakes.

French

Numbers 1-20 Days of week Colours
Seasons/weather French Christmas
Greetings Adjectives/nouns

PSHE

Family Links themes
P4C questions related to topic discussions

