

The Oaks Primary School

Project Overview



Out of this World

Year Five

Autumn 1 2017

As scientists we can:

Explain that unsupported objects fall towards the Earth because of gravity.

Identify the effects of air resistance and friction that act between moving surfaces.

Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Identify and explain the movement of the Earth and other planets relative to the sun in the solar system

Explain how the seasons and associated weather is created

Describe and explain the movement of the moon relative to the Earth

Describe the sun, Earth and moon as approximately spherical bodies

Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

Plan and carry out a scientific enquiry to answer questions

Make predictions with reasons

Present a report of their findings

As citizens we can:

Identify our achievements so far and set goals for our future.

Set personal goals and plans to achieve them.

Know where to get support and how to ask for help, if bullying occurs

As artists we can:

Create a piece of work that includes the integration of digital images we have taken
Combine graphics and text based on their research

Use software to adapt them and create work with meaning

As computer users we can:

Keep ourselves safe online

Identify aspects of a webpage that should be ignored.

Search and find information effectively online.

Use advanced search techniques to refine searches

As mathematicians we can:

Understand and create models and diagrams to scale

To understand size, proportion and distance

As writers we can:

Write a report of a science investigation

Write a description of a character, created by themselves

Write a newspaper report about 'The Man on the Moon'

As thinkers we can use:

The Question key, The Reverse Key, The What if Key.