

SENSORY

Making lava/alien slime (e.g. gloop or warm malleable media) | Earthquake tremors (resonance boards) | Sensory objects to represent each planet | Switch work – lights representing stars/sun/moon | Light/dark e.g. projecting a meteor shower onto an umbrella and using iPad apps | Space blanket

OTHER SUBJECT LINKS

The moon-phases | Forces –gravity | Seasons | Sunset/sunrise | Day/night | 'Mission to Mars': what would humans need to settle on Mars and packing to go into space | Neil Armstrong fact file | Structure of the Earth

HISTORY

Past/present volcanic eruptions and earthquakes | Development of the telescope | Movement of continents | First man in space | Passing/measuring time e.g. Earth rotating, moon phases etc. | Discovery of other planets

COMMUNITY VISITS

Space museum | Science dome

GEOGRAPHY

Mapping earthquakes and volcanoes | Case studies of past/present volcanoes and earthquakes | Why do earthquakes occur? | Why do volcanoes erupt? | Lines of latitude/longitude | Time zones | Different continents and climates | Environmental difference between sun/moon/earth/other planets

ART

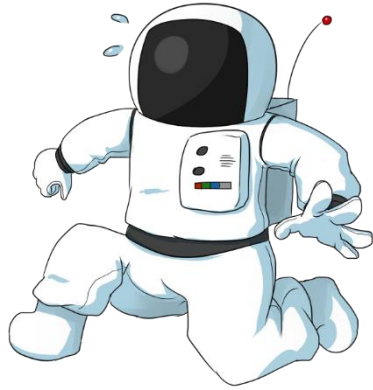
Papier mache globe/planets | Collages of different planets (represent surface, temperature etc.) | Painting/drawing planets | Creating 'aliens' with chosen art media | Design astronaut clothing | Making/decorating rockets | Volcano model | Creating constellations



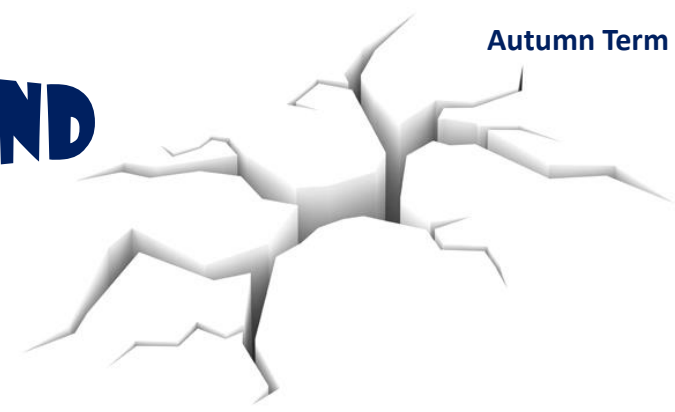
THE EARTH AND BEYOND

HISTORY, ART AND GEOGRAPHY





THE EARTH AND BEYOND



(includes earthquakes and volcanoes for WG link)

During this topic the pupils main focus will be on History, Art and Geography other subjects may be covered as part of cross curricular links.

CLL

MATHS

ICT/COMPUTING

PSHCE

PE

Newspaper article about volcano eruption or earthquake

Leaflet about visiting an area at risk of earthquakes

Space poetry

Poster about life on Earth and aliens

Sci-Fi short story

Capacity – different sized volcanoes

Direction – using rockets

Weight e.g. using moon rocks

Research volcanic eruptions and earthquakes and areas at risk

Drawing the planets

Finding images of the planets

Survival – e.g. on another planet

Case studies of people after natural disaster and how to keep safe

Emotions e.g. about natural disaster, going into space etc.

Creating a human model of the solar system

Moving in different ways to different music (music to represent each planet)

Gymnastics – creating shapes with their bodies (watch videos of astronauts)

