

Space– The Final Frontier

By the end of this topic we will..

Art

By the end of the topic:

The children will be able to use a range of different art mediums- Specifically- Chalk, charcoal and pencil to create lunar landscapes

The Children will have undertaken observational art of the moon and Lunar landscapes.

- The children will also have used different art mediums- paint, pens, to produce galaxy and nebula space art.

Design and Technology

By the end of the topic:

The children will have **Designed and made a Mars Buggy**- working in small teams to design and make a buggy capable of carrying a cup of water across a rough 'Mars like' surface.

The children will have **Designed and made Space suit** - Children will be designing and making a space suit suitable for space travel and living

Languages

By the end of the topic:

The children will have learned and used French as used by the first space exploration and from the very first Astronomers

The children will have covered the unit Les Planetes - the planets and Moi dans le monde - me and the world

Using songs and rhymes to help learn technique

History

By the end of the topic:

The children will have studied the history of the discovery of our Solar System from the Big Bang theory—through space travel -to the space projects in place today.

The children will have undertaken a Local History study of Space travel, Space discovery and know the great Astronomers

The children will be able to place their growing knowledge into different contexts, understand the connections between local, regional, national and international history; cultural, economic, military, political, religious and social history;

Music

By the end of the topic:

The children will have **Listened and appreciated**- a range of traditional music including Holst's Planet Suite and Space Odyssey soundscapes.

The children will have **Composed**- in small groups -a space soundscape based on a planet of their choice.

The children will have used pitch, rhythm and dynamics in composition

Geography

By the end of the topic:

The children will be able to identifying places on the earth from satellite images taken from space.

The children will be able to study maps to recognise key features -man made and natural

The children will be able to study the economical, social and political affects of the Space travel

The children will be able to investigate weather systems and climate change and zones from space

The children will be aware of the Space Race nations -ESA identification. Longitude/latitude, hemispheres, Continents and environmental regions, capital cities. Local Geography. Volcanoes, earthquakes

RE

By the end of the topic:

The children will understand What it means to be a Hindu in Britain today? (U2.6)

PSHE

By the end of the topic:

The children will be aware of how to keep themselves safe,

To respect of others,

Have some awareness of money matters

PE

By the end of the topic:

The children will have completed **Gymnastics-Circuit training**- Space Astronaut fitness and motivation based on the NASA Astronaut fitness programme. Programme Mission X

Covering increase heart rate studies, ensuring the equipment and their clothing is safe

The children will have completed the **P.A.S** sports—for outdoor games- football- tag rugby- netball- high fives

Computing

By the end of the topic:

The children will have used the **Internet**- to investigate search engines and sites available for research of ISS space stations

The children will be able to **Create Powerpoint** presentations about the planets, solar systems, galaxies.

The children will be able to **Use Google Earth and Google Earth pro**- as a tool for space and Earth exploration

The children will be able to use **Multi Media**-make a Sci-fi film

The children will be able to **Collect**- Use specific search engines, internet safe searches,

The children will be able to **Communicate**- create a PowerPoint on Voyager 1 and 2 in space