

SCIENTIFIC AND TECHNOLOGICAL UNDERSTANDING:

Science:

Space and the Solar System

The Earth, Moon and Sun (eclipses, seasons, day and night, phases of the moon)

Forces (air and water resistance, pulley, leavers and gears)

Computing:

Coding (Purple Mash)

Scratch: Animated Stories

UNDERSTANDING ENGLISH, COMMUNICATION AND LANGUAGE:

Literacy:

Information texts about the Solar System

News reports about Moon Landings

Playscripts based on Space narratives based on Greek Myths

Persuasive Writing – adverts and letters

Diary entries

French: Colours, numbers, preferences.

Simple conversations about holidays.

MATHEMATICAL UNDERSTANDING:

Place value

Addition and subtraction

Multiplication and division

Fractions

Decimals

Percentages

Perimeter, area and volume

Reasoning and explaining

Investigating and problem solving

Continuing to develop fluency in times tables.

UNDERSTANDING PHYSICAL DEVELOPMENT, HEALTH AND WELL-BEING:

PSHCE

- Learning powers (becoming an independent learner)

PE

- Multi Sports Skills
- Games
- Daily Mile

UNDERSTANDING THE ARTS:

Music:

Exploring songs and rhythms

Art & DT:

Exploring space paintings in the style of Peter Thorpe

3D plastic recycling project creating birds and flowers

HISTORICAL, GEOGRAPHICAL & SOCIAL UNDERSTANDING:

Polar Regions:

Study the life of Ernest Shackleton

Climate in different parts of the world.

Coordinates, latitude and longitude, time zones

Make a comparison between different areas

Climate change and the impact of global warming

RELIGIOUS EDUCATION:

Christmas

Revelation

Sacraments

Lent

OUT OF HOURS LEARNING EXPERIENCES:

After school clubs, homework, independent research.

EDUCATIONAL VISITS:

Science Oxford Space Dome – Jan 20th

Rutherford Lab Space Explorers Day – Feb 7th