

Inspire awe and wonder Use stimuli to motivate and inspire- visits, visitors, artefacts, books, videos, plays, role play etc.	Problem solving and thinking skills Creative thinkers; Real life challenge Risk taking; Resourcefulness; Enterprise Working collaboratively; Taking ownership of learning; Fostering and applying thinking skills Independent learners	Creative Arts Dance, Drama, Music, Art- developing the creative brain; Inspiration, enjoyment and fulfilment; Opportunity to enhance and develop skills/talent Performance, dedication and perseverance	Nurturing Responsible Citizens Thinking classroom/P4C; Emotional Intelligence Love for learning collaboratively; Care for the environment; Share talents in community; Make decisions; Links with community and local environment
<ul style="list-style-type: none"> • Video stimulus to support making papier mache replicas of the planets (Big Bang) • Visit from the Indoor Planetarium at the end-of-term • Watching Wall-E as part of our Big Bang 	<ul style="list-style-type: none"> • Design and build the solar system in class • In playground - chn demonstrate the concept of the movement of the Earth and other planets • Carry out a simulation to investigate and demonstrate why the moon appears as it does in the sky • Scientific investigations 	<ul style="list-style-type: none"> • Creating papier-mache planets • Space-themed, texture-based collages • Poster making for our planet non-chronological reports • Newspaper making for a report related to Space 	<ul style="list-style-type: none"> • Sharing children's non-chronological report on a planet with another year group • P4C lessons • Embedding our work on Waste Warriors across the curriculum

YEAR 5
Title: Lost in Space

Big Bang
Papier Mache Planets - Making planets and watching a space movie

School Trip/Special Events
 Indoor Planetarium Visit

Celebration
 As above. Sharing non-fiction text(s) with another year group

Art - Collage

- To practise mixing textures (rough and smooth, plain and patterned)
- To combine visual and tactile qualities
- To use ceramic mosaic materials and techniques

Key Curriculum Areas:
 Science, Art

Science- Earth and Space / Materials
Work scientifically (plan, observe, record, conclude and evaluate)

- Describe the movement of the Earth and the planets, relative to the Sun
- Describe the Sun, Earth and Moon as approximately spherical bodies
- Describe the movement of the Moon relative to the Earth
- Use the idea of the Earth's rotation to explain day and night
- Compare and group together everyday materials on the basis of their properties
- Know that some materials will dissolve in liquid to form a solution
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible.
- Demonstrate that dissolving, mixing and changes of state are reversible changes

English - Fiction focus: Star Wars
Non-fiction focus: Non-chronological reports and newspapers

To produce a non-chronological report on a planet developing note-taking through bullet points. To produce a recount in the form of a newspaper regarding an event from Star Wars.

Whole Class Reading:
 Daily sessions to develop reading and comprehension skills. Develop reading poetry and performing skills.

Spelling

- Silent letters
- Spell words ending in '-able', '-ible,' '-ably' and '-ibly'.
- Revise adding suffixes beginning with vowel letters to words of more than one syllable

Cross Curricular Links (writing opportunities):

- Letter to Tim Peake about his experiences of Space and his time aboard the ISS.

PE - Swimming

Maths - Fractions, decimals and percentages:

- Place Value (through addition and subtraction)
- Fractions
- Decimals
- Percentages
- Fractions, Decimals and Percentages (combined)
- Time
- Statistics
- Revisiting Place Value

Cross Curricular Links:

- Using our Statistics work to represent scientific findings in graph-form

Music

- Whole class composition based on rhythms from 'Mars'
- Songs about Space and planets
- Christmas songs with instrumental accompaniment