

Travel through time

Space

LKS2

Rationale for theme: This theme is all about exploring space travel and how it has influenced life today. How space exploration has helped and continues to help what we know about our world and other planets. The children will also research key people involved with space exploration and complete work based on this. Linked with this the children will read the book ‘Moon Dog’ a fictional story about visitors to the moon. This gets the children thinking about how people may damage their planet or where they live.



Living as Children of Light:
Our ‘Shine’ Curriculum

History	Science	Literacy
- Sequence several events, artefacts or historical figures on a timeline using dates – look at the main events to do with space and create timelines/fact files to show this information. - Understand that a timeline can be divided into BC and AD – recap this when discussing major events to do with space. What did people think of space BC? Look at different theories. - Explain how people and events in the past have influenced life today – during discussion and various pieces of work, what can we do nowadays thanks to space exploration?	- Sort items into sources of light or not. Understand that dark is the absence of light. - Carry out a feely bag investigation to see if they can work out what is in the bags. - Explore reflection and how light reflects off a surface using a torch. - Understand if reflected light hit our eyes, we see the object. - Discuss how different surfaces reflect better than others and carry out an investigation to see which surface reflects the light best for designing a reflective book bag. - Look at the angles of reflection for a mirror and have a look at some mirrors. Have a go at some mirror games: following a wiggly line in a mirror and reading messages in a mirror. - Understand that light from the sun can be dangerous and design a sun hat or sunglasses. - Explore how shadows are formed and investigate the best material for curtains in a baby’s bedroom. - Explore how shadows change when you alter the distance between the object and the light source.	Charlie and the Great Glass Elevator – Roald Dahl Write a non-chronological report about their own Space Hotel. Persuasive writing to encourage people to visit. Create and describe an alien creature. Adventure story writing involving their Alien creature and Space Hotel Moon Dog – Helen Ward Descriptions of characters and setting Writing correct speech between characters. Instructions – how to be a naughty fairy Letter writing to the man on the moon. Space Poetry Study examples and create own poems
Geography		Art / DT
- Locate cities in North America – key places in the space program e.g Houston, Florida (Cape Canaveral), New York - Use digital maps to locate key places. - Understand the time is not the same in all parts of the USA. Know that the world is split into Time Zones and that astronauts in space can see day and night on earth at the same time. Watch video footage (live webcams, timelapse videos). Day in the life of an astronaut.		- Children design and make their own large scale planet landscapes. - Use splatter painting and chalk/pastels to create their own solar systems. - Look at how artists have represented space in their work and then focus on the work of Vincent Van Gogh.

Maths	Music	Computing
- Fractions - Decimals - Time - Statistics - Shape - Position and Direction	Wider Opps: percussion Learning the recorder including note recognition and duration	Endangered Animals My Online Life

R.E	PSHE	MFL	P.E
Why do some people think life is a journey and what significant experiences mark this? What does it mean to be a Muslim in Britain today?	Exploring Emotions Rights and Responsibilities	Spanish	Swimming Athletics Rounders

Values
Courage and Hope

Key Events:
Sports Day
Poetry Recital
Leaver’s events and service
Football league/Sporting events

Travel through time

Space

UKS2

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Living as Children of Light:
Our ‘Shine’ Curriculum

History	Science	Literacy
- Order an increasing number of significant events, movements and dates on a timeline using dates accurately - look at the main events to do with space and create timelines/fact files to show this information. - Accurately use dates and terms to describe historical events – during discussion encourage the children to remember dates and use appropriate vocabulary. - Understand and describe in some detail the main changes to an aspect in a period in history – what was happening in the world when major advances in space exploration were made? - Examine causes and results of great events and the impact these had on people thanks to space exploration	- Find out how it was ascertained that the Sun, Earth and Moon were spherical bodies. Explore scientific evidence that has been used to support this. - Learn the order of the planets and create model solar systems. - Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. Examine the geocentric and heliocentric theories. - Create a presentation about a famous astronomer they have learnt about/researched. - Carry out observations of the sun to track movement throughout the day then explain night and day and the apparent movement of the sun across the sky. - Predict day and night in different part of the world. Make models of the sun and moon to demonstrate and explain the movement of the moon.	Moon Dog – Helen Ward Setting descriptions Writing a narrative in the style of Helen Ward Instructions – How to be a bad fairy Space Monkey – short film Write a narrative based on Space Monkey Write a biography about Tim Peake. Performance and choral poetry Explore and perform Pie Corbett poems and write their own using the same poetic features.
Geography		Art / DT
- Locate key cities in North America – key places in the space program e.g Houston, Florida (Cape Canaveral), New York. Understand that the USA is split into states and what this means. - Use digital maps to locate key places. - Use Time Zones to calculate the time in different parts of the world. Understand how and why it is day and night at different times in different places on earth. - Watch video footage (live webcams, timelapse videos). Day in the life of an astronaut.		- Children design and make their own large scale planet landscapes. - Use splatter painting and chalk/pastels to create their own solar systems. - Look at how artists have represented space in their work and then focus on the work of Vincent Van Gogh.

Maths	Music	Computing	
Ratio Multiplication and division SATs preparation Algebra Fractions Decimals	Wider Opps: percussion Learning the recorder including note recognition and duration	VR Worlds My Online Life	
R.E	PSHE	MFL	P.E
Why do some people think life is a journey and what significant experiences mark this? What does it mean to be a Muslim in Britain today?	Exploring Emotions Rights and Responsibilities	Spanish	Cricket Athletics Rounders Swimming

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Courage and Hope

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Football league/Sporting events