

Out of this World —Curriculum Driver

Year 2 Spring Term

Topic Question: Can we explore further than we can see?

RE Question: Can one person change the world?

Linked people of study: Katherine Johnson, Neil Armstrong, Buzz Aldrin, Tim Peake, Peter Thorpe

Linked texts: Charlie and the Great Glass Elevator, Reaching for the moon, Counting On

Linked Music: Holst: The Planets

Trips/Visitors: Space Dome (Nexus)

Topic Composite/Finale: Art Gallery of Abstract work.

Linked Prior Learning: Recap and compare explorers already studied in Year 1: Scott, Burke and Wills. How has exploration changed already?



History

Intent: To learn about the moon landing as a significant historical event and to be able to place events in chronological order.

Skills, and Knowledge
Components Focus

- Put things in order within the topic.
- Explore a particular event and how it affected people at the time.
- Offers opinions and facts with some reasoning.
- Answer simple questions relating to the topic.
- Language specific to the topic

Memory Facts/Transferable concepts:

Know the year and names of astronaut's involved in the Moon Landings.

Key Vocabulary: timeline, chronological order, moon landing, astronaut,

Subject Composite: Add key events to the class timeline

Impact: Children have an understanding of the moon landing, when it happened in history and the impact it had, They can start to put things in chronological order.

Geography

Intent: To learn how to use geographical resources to find the UK And identify countries from a satellite view

Skills, and Knowledge
Components Focus

- use maps, atlases and globes to identify the UK and selected other countries
- Construct basic maps using symbols in a key

Memory Facts/Transferable concepts: know the UK countries

Key Vocabulary:
Country, map, key, symbol
Subject Composite:

Create a map for a fictional planet using symbols in a key

Impact: Children will have an understanding of how to use and read a map. Children will be able to name and recognise the countries of the UK

Science

Intent: To learn about how humans survive and link this to space travel. To investigate a range of materials and their uses to find the best one to use to make a rocket.

Skills, and Knowledge

Components Focus

- Find out about and describe the basic needs of animals, including humans, for survival.
- Perform simple tests and observe closely, using simple equipment. Use observations and ideas to suggest answers to question.
- Ask simple questions and recognize that they can be answered
- Observe closely using simple equipment
- Gather and record data to help answer questions
- Observe and describe how seeds and bulbs grow into mature plants
- Find out about and describe the basic needs of animals, including humans for survival
- Describe the importance for humans if exercise
- , eating the right amounts of different types of foods and hygiene
- Identify and compare the suitability and variety of everyday materials including wood, metal, plastic glass, brick rock, paper and cardboard
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

Memory Facts/Transferable concepts:

Know the names and order of the planets. Name a variety of materials and their properties.

Key Vocabulary: space, planets, materials, properties, survival, exercise, hygiene, experiment, fair test

Subject Composite: To carry experiments to find the best material to make a space suit .

Impact: Children know about materials and their properties. They

Music

Intent: To learn how to follow and create short musical patterns using the glockenspiels. To use frogs, tadpoles and squishes to record their own space composition.

Skills, and Knowledge

Components Focus

- Make and control long and short sounds using voices and instruments.
- Order sounds to create an effect.
- Create short musical patterns.
- Start to explore simple compositions with two or three notes.
- Play instruments with control and exploring pitch.
- Use changes in dynamics, timbre, tempo and pitch in music.
- Make sounds and symbols to make and record music

Memory Facts/Transferable concepts:

Learn how to play short musical patterns using glockenspiels.

Key Vocabulary: pitch, dynamics, timbre, tempo, glockenspiels

Subject Composite: To compose and play a short musical pattern using the glockenspiels and other instruments with a space theme.

Impact: Children can play musical patterns using glockenspiels and can compose their own.

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Art and Design

Intent: To look at the work of Peter Thorpe and use this as a stimulus to create their own space pictures. To compare figurative and abstract art.

Skills, and Knowledge

Components Focus

- Work with a range of paints including powder, ready mix and block.
- Begin to give reasons for choice of materials and colours.
- To look at artists through history, contemporary artists, designers and architects and begin to form opinions about the variety of work.

Memory Facts/Transferable concepts:

Learn about Peter Thorpe and his artwork.

Key Vocabulary: Peter Thorpe, abstract, artists, figurative

Subject Composite: Create space artwork inspired by Peter Thorpe for an art gallery display for parents.

Impact: Children will have an understanding of abstract art and be able to give opinions on artwork. They will create their own abstract artwork,

Design Technology

Intent: To design and make a diorama of the solar system using a given set of criteria.

Skills, and Knowledge

Components Focus

- Design an appealing and functional product with a purpose for themselves and others.
- Use a set of criteria to aid the design process.
- Draw, and make notes on, their design ideas.
- Explain what they are making, and what they will need to use

Memory Facts/Transferable concepts:

Learn how to create a diorama. Remember the names of the planets.

Key Vocabulary: diorama, model, design, criteria

Subject Composite: Create a diorama of the solar system for an art gallery display for parents.

Impact: Children will be able to use a design criteria to design and make a diorama of the solar system.

Computing

Intent: To learn about how to use presentation software to create a number of information slides. To be able to edit these whilst considering the audience.

Skills, and Knowledge

Components Focus

- Use different font sizes, colours and images to communicate meaning for a given audience.
- Use presentation software.
- Log on to an email or blog.
- Use appropriate language in a simple email.
- Know what personal information is and why they need to keep it private.
- Use technology safely and respectfully.

Memory Facts/Transferable concepts:

How to use keynote and to write a simple email.

Key Vocabulary: keynote, edit, font, images, email

Subject Composite: Create a keynote presentation about the moon landing to show to an audience. Email their parents to invite them to finale..

Impact: Children can use presentation software and to send an email.

PE

Intent: To learn a variety of balances. To create a sequence using a mixture of balances and rolls.

Skills, and Knowledge

Components Focus

- Learn a variety of balances.
- Recap rolls.
- Investigate different ways to move.
- Create a sequence.
- Perform a sequence.
- Evaluate the sequence.

Memory Facts/Transferable concepts:

To learn how to balance in a variety of different ways and remember the balance names.

Key Vocabulary: balance, roll, sequence,

Subject Composite: In a group create a sequence to perform in front of others.

Impact: Children will know how to safely carry out a variety of balances. They will be able to mix these with rolls to create a sequence.