



Space



Science Intent

Through science, children are taught to be curious about the world around them. Our curriculum is stimulating, engaging and challenging and ensures full coverage of the National Curriculum. It fosters a sense of wonder about natural phenomena. Children develop and use a range of scientific skills including questioning, fair-testing and drawing conclusions. Scientific vocabulary is taught and built upon as topics are revisited progressively in different year groups and across key stages.

English – National Curriculum/ Skills

- Using Pie Corbett's Imagine, the children will write poetry based on space.
- Using teacher created biography, children will write a biography about Tim Peake.
- Using Pie Corbett's Alien Landing, children will write their own suspense story.
- Using teacher created letter, children will write a formal letter of application to apply to be a space cadet.

Identify the audience and purpose for my writing.

Use paragraphs to organise ideas.

Overview

Starting with Pie Corbett's poem, the children will begin to write their own poem around a space theme. They will use figurative language and concentrate on their language choices to create imagery.

They will write a biography making sure they use cohesion within and between paragraphs and they can organise their work chronologically.

They write a story with a space theme and will use writing techniques to create suspense.



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Nunthorpe Primary Academy

Year Group: 5

Use a wide range of devices to build cohesion within and across paragraphs: (determiners, pronouns, conjunctions, adverbs & ellipsis of expected words).

Evaluate and edit by assessing the effectiveness of their own and others' writing.

Ensure consistent/correct use of tense mostly in a piece of writing.

Write complex sentences selecting and using an increasing range of co-ordinators and subordinators.

Use fronted adverbials to give detail about when, where and how.

Link ideas across paragraphs using adverbials of time (time- *later*, place- *nearby*, number- *secondly*) or tense choices (he *had* seen her before).

Use brackets, dashes or commas to indicate parenthesis.

Use semi-colons, colons or dashes to separate main clauses within compound sentences.

Use relative clauses (who, whom, those, which, that).

Use figurative language and use and select appropriate language to engage the reader.

Use speech, including split speech, with actions to provide more information.

Finally, the children will write formal letters demonstrating an understanding of the layout of a formal letter and an understanding of using formal vocabulary.

Science – National Curriculum/ Skills

- describe the movement of the Earth and other planets relative to the sun in the solar system

Overview

Pupils will learn about the component parts of the solar system. They will model the movement of the



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- describe the movement of the moon relative to the Earth
- describe the sun, Earth and moon as approximately spherical bodies
- use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

Work scientifically by:

- comparing the time of day at different places on the Earth; creating simple models of the solar system
- constructing simple shadow clocks and sundials, calibrated to show midday and the start and end of the school day
- researching and modelling the work of scientists through history.

earth, sun and moon and learn about what effect this has on observable phenomena on earth such as day and night, shadows, phases of the moon and eclipses. They will find out how scientist's ideas about the solar system changed through history by learning about scientists such as Galileo, Ptolemy and Copernicus.

Art – National Curriculum/ Skills

- Produce creative work, exploring ideas and recording their experiences.
- Evaluate and analyse creative work using the language of art.
- Develop techniques including use of control and use of creativity and experimentation.

Research the work of an artist and use their work to replicate a style.
Express emotion in art.

Overview

Children will use the space themed work of artist Peter Thorpe to explore colour and paint and create their own space themed work. They will learn about artist vocabulary such as abstract art and complementary colours and use the language when evaluating art.



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Debate & Discussion Opportunities	Trips and Experiences	Possible Linked Texts
	Theatre visit.	Pie Corbett's Imagine. Pie Corbett's Alien Landing Tim Peake's Biography