

Initial Hook / Wow:
Space Dome



Experience / Opportunity:
Visitors: Careers link—Mr Cooper



Audience / Purpose / Product:
Create a rocket

English:
Theme:
We will be linking English with our topic on Space and the book 'Where Once We Stood' by Christopher Riley and Martin Impey.

Writing Outcomes:

- Diary linked to the first moon landing
- Narrative linked to exploring new planets
- Poetry

Spelling, punctuation and grammar:

- Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- Use relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun
- Use dashes to indicate parenthesis and to mark boundaries between independent clauses
- Use knowledge of morphology and etymology in spelling and understand that the spelling of some words needs to be learnt specifically
- Use dictionaries to check the spelling and meaning of words
- Use a thesaurus.

Geography:
Global Trade
This term we are looking at UK and global trade. We will explore how trade has grown through time, look at Britain's largest exports and imports, fair trade, where our food comes from, global trade and which products are most profitable. In addition, we will look at capital cities around the world.

Computing:
Online safety
To identify benefits and risks of mobile devices broadcasting the location of the user/device.
To identify secure sites by looking for privacy seals of approval.
To have a clear idea of appropriate online behaviour.
To understand the importance of balancing game and screen time with other parts of their lives.
Blogging
To identify the purpose and features of a successful blog.
To plan the theme and content for a blog.

Maths:
Multiples of 1000

- Explain that 10,000 is composed of 5,000s 2,500s and 2,000s
- Explain that 100,000 is composed of 50,000s 25,000s and 20,000s
- Read scales in graphing and measures contexts, by using their knowledge of the composition of 10,000 and 100,000

Number up to 10,000,000

- Pupils use representations to identify and explain patterns in powers of 10
- Pupils compose seven or eight-digit numbers using common intervals
- Pupils explain how to read numbers with up to seven digits efficiently
- Pupils recognise and create numbers that contain place-holding zeroes
- Pupils add numbers whilst crossing the millions boundary
- Pupils explain how a seven-digit number can be composed and decomposed into parts
- Pupils explain how to round up to seven-digit numbers to any power of 10 in context
- Pupils identify and explain the most efficient way to solve a calculation
- Pupils add and subtract numbers with up to seven digits using column addition and subtraction

Draw, compose and decompose shapes

- Any parallelogram can be decomposed and the parts rearranged to form a rectangular parallelogram
- Shapes with the same area can have different perimeters. Shapes with the same perimeters can have different areas
- We can use the relationship between area and side length, and perimeter and side length, to reason about measurements of shapes, including compound shapes



School Value Service

Vocabulary:

moon	trade
planet	import
sphere	export
satellite	goods
orbit	global
rotate	fair trade
axis	globalisation
multi-national	economy

Science:
Earth and Space

- We will describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- We will look at the movement of the Moon relative to the Earth
- We will understand that the Sun, Earth and Moon are approximately spherical bodies
- We will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

Art and Design & Technology:
Art

- We will study Abstract art with a focus on the artist Peter Thorpe.
- We will develop our skills with oil pastels, developing the technique of blending, adding shade, tint and tone.
- We will create a final piece of art inspired by Peter Thorpe

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- We will create rocket that can launch and support precious cargo.

French:
On holiday

- Recognise and use some basic holiday vocabulary in spoken and written sentences.
- Understand and participate in a short conversation about animals at the zoo, responding to questions in full sentences and giving simple opinions.

Religious Education:
What do Hindu people believe about Dharma, Deity and Atman?

PSHE:
SCARF - Valuing Difference which will include work on British values, tolerance, prejudice, racism, discrimination and stereotypes.

Music:
Sing up –Twinkle variations. WE will learn to:
Decipher a graphic score. Play *Twinkle, twinkle, little star..* Create variations using a wide variety of composing techniques. Improvise

Physical Education:
Real PE and Invasion games- Social