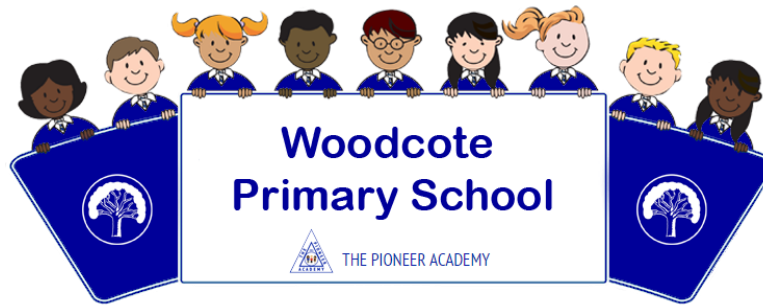


TOPIC – Space Scientists



Year 5 Autumn 1 Term

WRITING

- Third person stories set in another culture
- Formal letters of application
- Poems that use word play
- Dialogue in narrative
- Poems which explore form
- Balanced argument

SPELLING CONCEPTS

Statutory words (Year 3 and 4)
Prefixes
Suffixes

READING – Key Texts

Shackleton's Journey
Secrets of a Sun King
If – Rudyard Kipling

COMPUTING – E-Safety

To know basic strategies to assess whether content online is based on fact, opinion or is biased.
To understand how to assess the reliability of search results.
To recognise unsafe or suspicious content online.

GEOGRAPHY

What is Earth made of? How do we know?
What are the names and geographical features of the Earth?

HISTORY

How has thinking about the solar system changed over time?
What do you think was the 'trigger' that led to acceptance that the Earth and all the other planets orbit the sun?
Why was the first Moon landing significant?
What do you think were the 3 most significant events that have inspired or led to developments in space science?
How did different astronomers contribute to our understanding of the Solar System?
How many constellations are there? Can you name them?

ENRICHMENT

Space Dome

PE

Handball
Rugby

RE

U2.1 Why do some people think God exists?

PSHE - Being Me in My World

Piece 1: Planning the forthcoming year
Piece 2: Being a citizen
Piece 3: Rights and responsibilities
Piece 4: Rewards and consequences
Piece 5: How behaviour affects groups
Piece 6: Democracy, having a voice, participating

MATHS

Place Value
Addition and Subtraction

SCIENCE

Knowledge

What shape is the Earth, Sun and Moon and how do we know?
What facts can you list about magnets and how this relates to the Earth?
How are the Earth and the Moon similar and different?
Why would it be challenging for humans to live on the Moon?
How can you find out more about the power of the Sun?
What facts can you list about the relationships between the Earth, Moon and Sun?
How does each planet's orbit differ and why?
How does the height of the sun change the length of a shadow?
Why do we have seasons?
What are the names of the phases of the moon?
Why is Earth the best place for humans to live, thrive and survive?

Working Scientifically

Report and present findings from enquiries
Identify scientific evidence that has been used to support or refute
Ask relevant questions and using different types of scientific enquiries to answer them.
Make systematic and careful observations

ART

Why is a golden record a good/bad idea?
What is a nebulae and its key features?
What techniques do you think would be effective for creating representations of nebulae?
Which technique used by your peers did you think was the most effective?

DT

What examples of space technology can you find that are used in everyday life?
How could you use this technology to further improve everyday life?

MUSIC - Pulse

To be able to describe tempo using correct terminology.
To be able to identify and play to the pulse of music.
To create graphic notation to represent rhythms.
To be able to independently maintain a part in a group performance.
To read and play musical notation to create rhythms.
To be able to help compose a group performance using either standard or graphic notation.
To be able to perform a composed piece as part of a group.
To understand the significance of time signatures and what they represent.