

Earth and Space

English (writing)

Our model text is *Mars: The Red Planet*. Children are using it as a basis to write their own non-chronological reports. We will look at grammar and language features such as: parentheses, modal verbs and expanded noun phrases. **At home:** Children must practise on Spelling Shed.

English (reading) Our whole class reading book is *Dr Maggie's Grand Tour of the Solar System* by Dr Maggie Aderin-Pocock. We will journey through this exciting tour using our reading VIPERS.

At home: Read with your child daily.

Mathematics

We will:

- Explore Full, Abridged and Brain-Only methods and formal methods for division
- Learn about fractions (comparing, ordering; identifying equivalent fractions; mixed numbers, improper fractions; adding, subtracting, multiplying; decimal numbers)
- Explore problem-solving and real-life questions
- Continue to revise and revisit number skills using Big Maths

At home: Ensure children revise tricky areas and have instant recall of ALL times tables up to 12 x 12

Topic

We will be:

History:

- Exploring what our solar system looks like by comparing geocentric and heliocentric theories, and asking why views have changed
- Investigating the space race and the first forays into space (the moon landings and beyond)

Geography: Investigating time zones by learning about the Greenwich Meridian, identifying different zones on a map and calculating time differences between them

Science: Exploring our solar system by describing the movement of the planets relative to the sun, the moon's movement in relation to the Earth and how the Earth's rotation creates night and day

Art and design: Researching, critiquing and emulating the work of space artist Peter Thorpe using a variety of techniques

D&T: Researching issues with long-distance travel, for example on a space mission or via planes, trains, cars, boats etc. Children will decide on a problem-solving product to design, create, test and evaluate.

PSHE

- We will be continuing our Life to the Full RSE programme with the module Me, My Body, My Health
- There will be discussion about the nature of our bodies and how we can look after them; exploration of our gifts and talents; differences and similarities between people as they grow and mature; how teamwork creates community; and how self-confidence arises from being loved by God.

Ways to help at home:

Continue to discuss any issues that may arise from the media, films, chats with other children etc.

Music

We will appraise *To Make You Feel my Love* by Adele, explore key elements of musical theory and learn to play simple notes on the glockenspiel.

Computing

Focusing on e-safety, we will discuss how to stay safe online, evaluate the suitability of activities/games and check the reliability of online sources.

MFL

-The children will be extending their knowledge of French, exploring vocabulary and phrases.

Ways to help at home: Ask children what they have learnt at school and to teach you!

PE

We will be exploring various elements of gymnastics, from learning about the importance of flexibility and body tension to practising travelling fluently on the floor/using apparatus.

There will also be more dancing! Children will be encouraged to express ideas through movement, practise working both solo and as a group and gain the confidence to perform.