

Fly Me to the Moon!

Woodpeckers' Topic Overview - Spring 2

As part of our Topic work, in **Geography**, we will be looking at the layout of our planet Earth and be thinking about how it may look from space.

- We will learn what the terms longitude and latitude mean and put this understanding into practice.
- We will learn what is meant by Greenwich Meantime and Prime Meridian and how these terms came about.

In **Music**, we will be following a unit of work through Charanga learning about the genre of rap.

In **Computing**, we'll be:

- Using PCs and iPads in our work, for research and reference.
- Programming using conditionals (if, else, else if, while and until) including looped sequences.
- Using Javascript to create programs.

In **Science**, we will develop our knowledge of the Earth's (and other planets') place in the solar system, and their relationships with other bodies in space, in particular with the Sun. We will learn:

- about how the Earth's orbit determines the length of a year and why we have leap years.
- about how the Earth's rotation and tilt affects the direction and length of shadows, and how to use shadows for telling the time.
- about time differences around the world and investigate time differences using resources including the internet.
- how the Earth's tilt on its axis causes the seasons.

In **RE**, we'll be examining how Christians decide to live based on their beliefs about the actions of Jesus.

In **History**, we will:

- Explore the history of the Space Race - the competition between the US and the Soviet Union to be the first country to go to space.
- Investigate satellites, people and animals that have been to space and the moon landing of 1969.

In **Art**, we will:

- paint colour-wheels and use these to explore warm, cold and complementary colours.
- investigate tones and shades to create our own artworks.

In **DT**, we will:

- investigate bridge structures.
- Use evaluations and knowledge to design and make our own.