

Earth and Space

Hook:
Wonderdome visit

Class text:
Cosmic by Frank Cottrell-Boyce

Science – Earth and Space

- To research key facts about the solar system including: the order of the planets; composition and temperature; and the size and scale of the planets.
- To create a model solar system with accurate representations of planetary distances from the sun.
- To be able to describe how the rotation of the earth creates day and night as well as the sun's movement across the sky.
- To investigate key facts about the moon including: the moon's orbit; phases of the moon; and how the moon creates tides.
- To experiment how gravity works and find out what life is like in space for astronauts.

SCARF – Being My Best:

- To know the basic functions of the four systems and understand the importance of food, water and oxygen, sleep and exercise for the human body and its health.
- To identify their own strengths and talents
- To identify areas that need improvement and describe strategies for achieving those improvements.
- To explain what being part of a school community means to them and suggest ways of improving the school community.
- To identify people who are responsible for helping them stay healthy and safe as well as identify ways that they can help these people.
- To know how to make a clear and efficient call to emergency services if necessary.
- To understand the concepts of basic first-aid, for example dealing with common injuries, including head injuries.

Geography:

- To use Google maps to observe the Earth from space and identify key features such as continents, oceans, polar regions, equator and different regions of physical geography.
- To use Google maps to identify man-made structures from space and study the impact of human geography on the planet.

History:

- To create a timeline of space exploration since the beginning of the space race in 1955.
- To investigate which countries and astronauts were key players in the space race.
- To research Apollo 11's moon landing and the incredible journey undertaken by Neil Armstrong, Buzz Aldrin and Michael Collins.

Computing – Data Handling:

- To create a questionnaire and collect statistical data
- To use statistical data to create visual representations

Art & DT:

- To use mixed media to create space inspired art

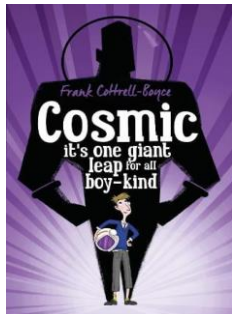
Music – Motown:

- To listen and appraise various Motown pieces
- To learn the beats and rhythms of famous Motown pieces
- To learn and perform 'Dancing in the street' using instruments.
- To compose your own tune.
- To perform your own tune.

French – The Future

- To learn basic verbs in the future tense
- To describe things they will do in the future in French

DEAR – Reading aloud



PE – Cricket

- To ensure that pupils can throw accurately underarm when bowling and fielding
- To develop pupils overarm throwing skills and throw quickly to members of their team
- To understand the concept of fielding
- To understand the concept of batting
- To work with team members to find success
- To adapt their own tactics to improve their performance

PE – Tennis

- To accurately hit the ball with their partner to create a rally
- To serve underarm effectively
- To make use of space and place the ball away from their partner
- To develop appropriate body movement and foot placement to control the return of the ball.

RE – Can we know what God is like?

- To explore different views of God and how some people believe they can know God or know about God while others do not believe at all.

Miss Smith's book recommendations:

- Northern Lights by Philip Pullman
- Alone on a wide, wide sea by Michael Morpurgo
- Charlie and the Great Glass Elevator by Roald Dahl
- The Usborne Official Astronauts Handbook
- Neil Armstrong: Travelling to the moon
- See Inside The Universe