

Year 5– Overview

RE: The religion of Judaism will be explored throughout the term with particular focus on Chanukah- the festival of lights in relation to the Christian festival of Christmas. Children will learn about the story of the Jews in the desert and the significance of the menorah lamp.

Science: The children will have the opportunity to investigate gravity through the process of designing and making parachutes. They will also explore condensation and evaporation in connection to how astronauts can ensure they have clean water whilst in space. How the Earth and Moon orbit the Sun will also be studied. There will be two additional science sessions delivered by BGS with a focus on chemistry and physics.

PSHE: This term our Core Learning Skill is Developing Independence and Responsibility and the Values for Life focus is Justice. Through role-play scenarios, the children will have the experience of coping with moral dilemmas as part of Anti-bullying Week (w/c Nov 17th)

ICT:

English/Literacy: Children will analyse a range of poetry and create their own fire-work themed poems. They will use practical experiences through D. T & Art to create instructional writing. The children will produce descriptive pieces of writing based on space. During debating sessions, the children will develop their speaking and listening skills using persuasive language to share their opinions and offer counter arguments under the themes of 'Should Y5 be sent to live on an unknown planet?' and 'Is space exploration worthwhile?' Our new novel- ' will be used as stimulus for discussion and guided reading activities to support the children's understanding of sci-fi based fiction stories.



Year Group 5 **Out of this world – What's out there? (Space)**

PE: Netball & Circuit Training

Maths: This term we will develop the children's skills and understanding of a variety of aspects including investigation skills linked to space: 'How high can you jump?/Space Hoppers' (measuring, place value, subtraction and addition, and data analysis), 'Is Jupiter larger than a juicy Jaffa or smaller than a puny peppercorn?' (Scale- related to the size planets in comparison to everyday objects) They will also develop their strategies when multiplying and dividing by 10/100/1000, including with decimals, and using fractions and decimals, co-ordinates and symmetry.

Music: Children will explore the music of Gustav Holst; in particular 'Mars' from the Planets Suite. They will respond through art and learn about the instrumentation. Children will begin to recognise traditional notation. Using these skills, they will create short compositions based on a space-themed stimulus.

Edison Connected: Children will imagine what life would be like on a different planet in the year 2050 including what would be the problems, social and health issues and size of space ship. Using song and mnemonics, the children will learn the names and order of the planets. Through Art, the children will explore how famous artists have depicted the sky and what may be 'out there!' They will have the opportunity to design and create rockets and alien sculptures in DT sessions.