

Science:

Explore where the planets are in relation to the Sun, Earth and Moon.
 Draw diagrams that demonstrate my understanding of size, scale and motion.
 Use inflatable planets to demonstrate orbiting the sun.
 Explore the different jobs involved in space exploration.
 Watch video clips of the first moon landing and discuss.
 Cross section of the earth activity.
 Carry out experiments to investigate gravity.

Numeracy and Mathematics:

Make scale 2d models of the relative sizes of the planets.
 Draw line graphs showing planets time to travel around the sun.
 Space themed maths problems.
 Class walk to explore distance of planets.

Technologies:

Investigate and find out about the changes in the way astronauts travel to space. Compare and contrast Neil Armstrong and Tim Peake.
 Research planets and orbits.
 Create power point presentation on chosen planet and present to class.
 Create a short video clip/commercial to advertise chosen planet.

Social Studies:

Explore significant events within the history of space travel and create a timeline.
 Explore how astronaut's equipment has developed and changed over time.
 Research some of the people involved in space travel.
 Discuss why they were important.

EARTH AND SPACEVisiting teachers

Art: Shoe milestone drawing (to check level)
 APFS Christmas card designs (Mirrie dancers)
 Icing sugar space picture. Van Gogh starry night
Music Listening to music and developing playing along, using graphic scores.
P.E The class will experience an invasion game in the form of Handball. They will learn and develop the skills, knowledge and strategies required to play handball effectively. Through these drills and games we will also work on problem solving, communication and individual decision making . The class will also have the opportunity to experience refereeing and coaching scenarios.

Expressive Arts:

Take on the role of a news reporter at the scene of a rocket launch.
 Use instruments to represent the build-up and launch of a rocket.
 Create a model of a planet.
 Shadow sculptures.
 Use a range of media to create space pictures.
 Design an effective astronaut suit and justify.

Health and Wellbeing:

The Great British Space Dinner challenge activities. (STEM).
 Growth Mindset discussions and activities.

RME:

Explore the creation story in the bible and the Big Bang.

Literacy and English:

Plan and create leaflets to advertise chosen planet.
 Create a newspaper report about a moon landing. (Apollo 11).
 Imaginative writing set in space.
 Create an application form for a potential astronaut.
 Space poetry.
 Skim and scan for relevant information in texts about space.
 Gather information and make notes from non-fiction texts. Organise these under headings.
 Reading comprehension about the planets and NASA.
 Mission to Mars dialogue activity.

German / French

Introduce/revise greetings, personal information, days of the week, numbers 0-20, months of the year, colours.