

# Endon Hall Primary School - Medium Term planning

Class: 2

Term: Autumn

Topic title: Space

Visual stimulus:



National Curriculum:

As historians, the children will learn about pivotal moments in space history such as the first moon landing and they will be counting back the decades to help develop their chronological understanding. They will learn about how Neil Armstrong and other significant individuals have contributed to international achievements. As scientists, the children will be learning about the importance for humans of maintaining a healthy lifestyle and how this is adapted in order for astronauts to survive in Space. They will watch videos from the International Space Station to understand zero gravity in Space and be able to describe basic movements linking this to the work of Isaac Newton. They will learn that animals, including humans, have offspring which grow into adults. To develop their PSHE understanding through Science, they will make simple choices that improve their health and well-being. They also learn about the role of drugs as medicines and how they can be harmful if not used properly. As computer scientists, the children will create a tourism leaflet to advertise space travel and in doing so, will be using technology purposefully to create, organise, store, manipulate and retrieve digital content. The children will use algorithms to give precise and unambiguous instructions to the Mars Curiosity Rover as it roams across the planet. They will also use logical reasoning to predict the behaviour of simple programs. As artists, the children will be using different tools, textures and materials to create images of space and our solar system. As musicians, the children will be listening to a composer's interpretation of the planets and they will identify the different instruments used in the piece of music. As designers, the children will design and make a space snow globe. They will also make the most of our outdoor environment and design a 'barefoot walk' to simulate different planet surfaces. In Physical Educational, the children will be creating moon dances.

**The Arts:** As people who are passionate about a broad, cultural, education we will:

Respond to the Planet Suite composed by Holst and express our interpretations of each planet through movement and dance. The children will role play the moon landing, space travel and Curiosity Rover in the space rocket inside and outside the classroom. We will study Van Gogh's Starry Night and recreate it.

**Possibilities:** As people who are open to new experiences that will broaden our aspirations, we will:

Identify what it takes to be involved with Space Travel, including recognising that the individual that will be the first person to travel to Mars has already been born.

**Environment:** As people concerned with our environment we will:

Consider why there is life on Earth and not on other planets. We will consider what we can do to protect and love our planet.

**Outdoors/Local, National, International links:** As people who are inquisitive learners we will:

Experience what the surfaces of the planets in our solar system might be like through a barefoot walk. The children will visit The National Space Centre.

**Other links (BLP, Life skills, SMSC, PSHE):** To improve our ability to be resourceful, we will be using different materials and tools to make moon buggies and use different sources of information to learn about the planets. We will become creative thinkers as we try to imagine what life is like in Space. In PSHE the children will reflect on the importance of family and friends and relate this to the life of an astronaut. They will understand that family and friends should care for one another. The children will learn about the importance of communicating safely and respectfully online and be able to recognise the common uses of information technology beyond the school environment. They will listen to other people and play and work co-operatively, using positive relationships.