

Spring 2 2019
Year 5

The key knowledge to support this topic

- There are 8 planets in our solar system.
- Pluto is a dwarf planets
- The earth rotates on its axis and takes 24 hours
- The earth orbits the sun and this takes a year
- Planets are spherical
- The moon orbits the earth and it takes 28 days
- There are 8 phases of the moon
- Tim Peake is a former Army Major, is the first Briton to serve as an astronaut on the ISS (International Space Station)

The key vocabulary to support this topic

Earth, Rotate/Rotation, Star, Sun, Day, Moon, Planets (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune), Revolve, Solar System, Shadow, Orbit, Sphere/ Spherical, Sky, Night, Axis, Phases of the Moon, star, constellation, ISS

The key skill I will use during topic

- Investigating
- Researching
- Predicting
- Calculating
- Painting
- Sketching

Space

In this topic the children will be learning all about space. They will be investigating life in space, the planets and famous people who have been to space.

Trips / Special events
National Space centre

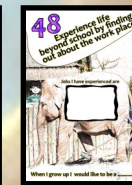
Thorpepark 50



Visit a museum



Experience life beyond school (work place)



Art



Who is Tim Burton and what is he famous for?



What style artist is Tim Burton?



How do Tim's painting and drawings make you feel?



Definitions– Shadow, light, dark, goofy, gothic

Science



What are the names of the planets in the solar system?



Describe the movement of the moon



What is life like on the moon?



Definitions- Earth, Rotate/Rotation, Star, Sun, Day, Moon, Planets

History



Who was the first person on the moon?
When did it happen?



Who is Tim Peake and what is he famous for?



What type of person is Tim Peake? How would you describe him?



Definitions– ISS, exploration, gravity



Cross curricular computing

Augmented reality flashcards. These allow the children to explore the solar system in a new and unique way.

Jigsaw



Goals for the future

What I want in life

Maths

Fractions

Percentages

Decimals

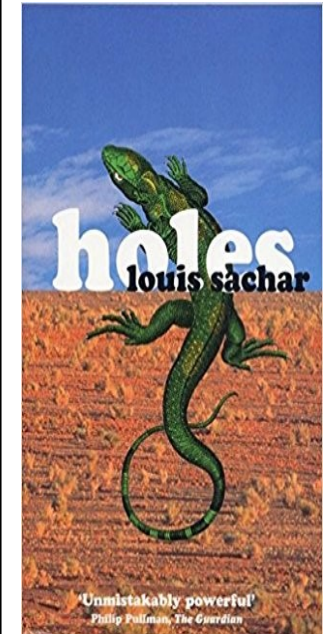
Comparing/ ordering and writing

decimals

Measures



We will be reading



We will be writing

Biographies about famous astronauts

Diaries about our visit to the Space Centre

Fantasy story about travelling to space

