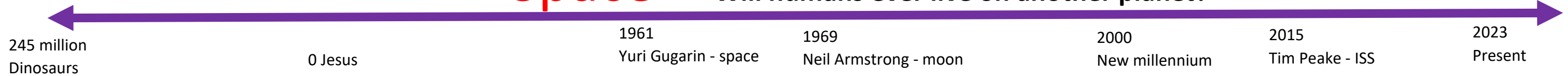


Space – Will humans ever live on another planet?



Overview

People have always been fascinated by what is in **space** and wanted to know if there really was a man on the **moon**.

There are eight planets in our **solar system** Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

After the invention of aeroplanes scientists wanted to explore whether a vehicle could be created to get astronauts into **space** and then land on the **moon**.

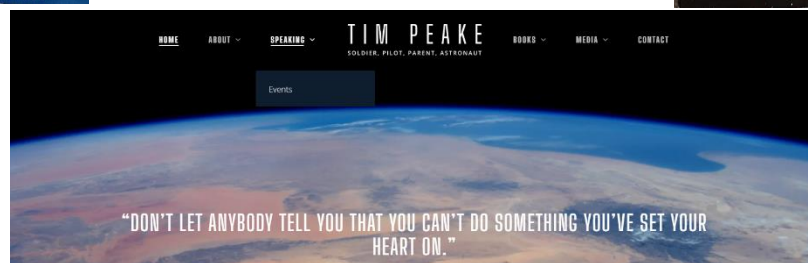
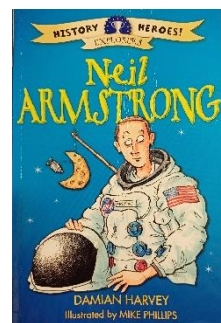
Animals were launched into space, including Laika the dog on the 3rd November 1957, to research how humans would survive in space.

The first person into **space** and to orbit the Earth was Russian and called **Yuri Gagarin**. This took place on the 12th April 1961.

The first man to walk on the **moon** was American and called **Neil Armstrong**. He did this on the 20th July 1969.

Tim Peake was the first British astronaut to visit the **International Space Station** on 15 December 2015 and he stayed there for six months.

Resources we use



Key Vocabulary

Space	Also known as outer space, it is the area around everything that exists, continuing in all directions. Outer space has no air.
Planets	A large object that orbits a star.
Moon	A natural satellite that orbits a planet .
Gravity	The force of attraction between two objects.
Rocket	A space vehicle or missile, or the special engine that's meant to propel such a vehicle into the air.
International Space Station (ISS)	A large space station assembled and maintained in low Earth orbit.
Atmosphere	The layer of gases surrounding some planets and stars.
Solar System	A star and everything in orbit around it. Our solar system includes the sun and all the objects that orbit it, including the Earth and Moon .
Astronaut	A person who travels to space , usually after special training.

Key People



Yuri Gagarin



Neil Armstrong



Tim Peake

Links to other learning

Science:

Recapping our prior learning about what animals, including humans, need to survive.

History:

We will identify similarities and differences between the astronauts Neil Armstrong and Tim Peake and what they both contributed to Space exploration.

How do humans survive in space?

What planets are in the solar system?

Key Questions

Is the moon a planet?

Can you breathe on the moon?