

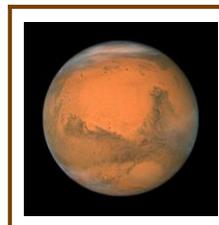


## Aspire Curriculum Knowledge Organiser: A Journey Through Space and Time

**Big Question: Will we ever visit Mars?**

**Year 2**

**Autumn 1**



### What? Key Knowledge Takeaways

**Knowledge:**

- \* There have been changes in travel and transport over the past century.
- \* Pioneers in the past have impacted on our travel and wider lives today.
- \* Flight has led to countries being more accessible and connected.
- \* We can travel further and faster in shorter amounts of time
- \* Significant individuals in the past have included:
  - 1) Females Amelia Earhart - first female to fly solo across the atlantic
  - 2) Astronauts Neil Armstrong, the first man on the moon and Tim Peake, the first British Astronaut to go to the international space station. Christina Koch, longest time in space for any female. Dr Mae Jemison - first black female astronaut.
  - 3) Elon Musk - Founder of Space X and first commercial manned flight.

### Who? Famous People

<b>The Wright Brothers</b>	Pioneers of flight. They invented, built and flew the world's first successful aeroplane.
<b>Amelia Earhart</b>	First female to fly solo across the Atlantic.
<b>Neil Armstrong</b>	American astronaut, test pilot and university professor and was the first man on the moon.
<b>Dr Mae Jemison</b>	First black female astronaut
<b>Tim Peake</b>	First British astronaut to join the European Space Agency (ESA)
<b>Elon Musk</b>	Elon Reeve Musk FRS is an engineer, industrial designer, technology entrepreneur

### Key Vocabulary

### Definition

<b>beyond living memory</b>	Events that have occurred in the past, before anyone who is now living was born.
<b>pioneer</b>	A person who is among the first to explore or develop a method for others to follow.
<b>chronological</b>	Putting events in the order in which they occurred.
<b>decade</b>	A period of ten years.
<b>timeline</b>	Various events ordered chronologically.
<b>source</b>	Material that provides information either Primary or secondary or , e.g. artefacts, books, newspaper articles, letters.

### When? Timeline

1610	1903	1932	1957	1958	1969	1990	2015	2020
Galileo uses a telescope and sees Mars.	The Wright brothers had their first successful flight.	Amelia Earhart first solo flight across the Atlantic Ocean.	USSR launches Sputnik 1 - first Earth orbiting satellite and Sputnik 2 - carrying a dog into space.	USA launch Explorer 1 and create NASA.	Neil Armstrong landed on the moon.	April - Hubble telescope launched. May - First light image received from the Hubble.	Tim Peake. The first british astronaut at the space station.	Elon Musk and Space X first commercial manned flight to the ISS