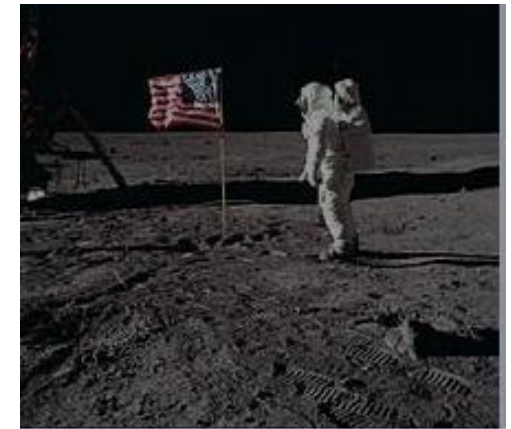


# Year Six To Infinity and Beyond

Yuri Gagarin



Moon Landing



Neil Armstrong



Laika Space Dog



## Reasons for space travel

- Scientists explore the Solar System to see if there is life on other planets.
- We May Need to Colonise Space to Survive—Earth may not be inhabitable in the future so we need to investigate other options.
- Space exploration provides research into pharmaceutical products to invent treatments for illnesses.
- Scientists experiment and invent in space.
- Nations work together to explore space—this is good for multinational work
- We mine for raw materials like Helium.—3 ( used in MRI scan machines), gold and platinum.

## Humans in space

1	Laika	The first animal in space was a dog aboard Sputnik 2 in 1957.
2	Yuri Gagarin	First human in space 1961, aboard the Vostok 1.
3	Neil Armstrong	First person on the moon in 1969 aboard Apollo 11.
4	International Space Station (ISS)	Collaboration launched in 1998.

## Solar System Missions

1	Sputnik 1	The first man-made satellite to orbit the Earth, launched by the Soviet Union in 1957.
2	Mars Landers and Rovers	First launched in 1975 with plans to launch again in 2020 as part of the mission to get man on mars by 2030.
3	Galileo	Launched 1989 exploring Jupiter and its moons.
4	Hubble Telescope	Launched 1990 - captured images of both our own and distant galaxies.
5	Cassini	Launched 1997 - exploring Saturn and its rings.



Tim Peake

Tim was the first British ESA astronaut to visit the International Space Station. He launched on a Soyuz rocket on 15 December 2015 and landed back on Earth on Earth 18 June 2016 after 186 days in space.