

## Year 1 & 2 Explorers

### Key vocabulary

|                      |   |
|----------------------|---|
| <b>before</b>        | at an earlier time                                      |
| <b>after</b>         | later in time   |
| <b>astronaut</b>     | Someone who travels in space.                           |
| <b>space station</b> | A spacecraft in a fixed orbit around the Earth          |
| <b>mission</b>       | a task or duty  |
| <b>research</b>      | To study and investigate something.                     |
| <b>The Arctic</b>    | An area close to the North Pole. It is very cold there. |
| <b>The Antarctic</b> | An area close to the South Pole. It is very cold there. |
| <b>Polar</b>         | Close to or about the North Pole or the South Pole.     |
| <b>expedition</b>    | A journey for a purpose                                 |
| <b>temperature</b>   | How hot or cold it is.                                  |
| <b>frostbite</b>     | Damage to the body by freezing.                         |

### Tim Peake

Major Tim Peake became the first British astronaut in space for over 20 years.

He blasted off on the 15th of December 2015. Tim Peake spent 186 - Days in Space.

His mission was to carry out new research in science and technology.



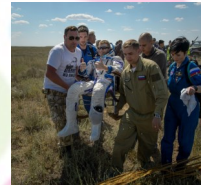
### Key Knowledge

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Some general knowledge children might have:  
 People's lives were different in the past.  
 Astronauts complete missions in space.  
 Environments vary from one and other.  
 Animals live in different environments.

Tim Peake spent 17 years in the Army.  
 For his space training, Tim spent 12 days undersea.

Major Peake lived aboard the International Space Station for 6 months.



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Antarctica is the highest, driest, windiest, emptiest, coldest place on earth.

Antarctica has no cities or villages. There are 'research bases' where scientists stay for short amounts of time.

It is very difficult for plants and animals to survive in Antarctica.

Penguins, whales and seals live in Antarctica.  
 Polar bears, reindeers and arctic wolves live in the Arctic.



### Scott of the Antarctic

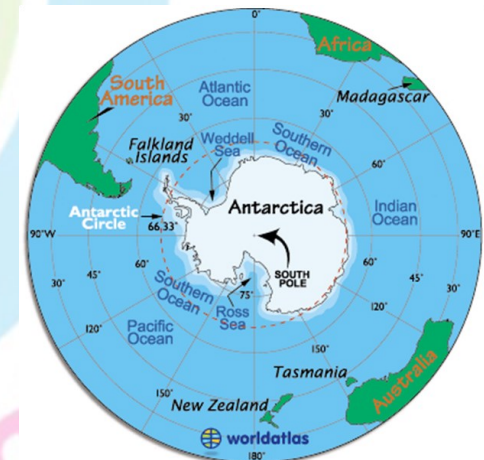
Robert Scott was a famous explorer. He led two expeditions to Antarctica.

Robert Scott reached the South Pole in 1912. A team from Norway led by Roald Amundsen arrived a month earlier.

None of Scott's team returned home.



### Antarctica



Antarctica it lies at the bottom of the planet.  
 The South Pole is the southernmost point on Earth.

### Tim Peake Timeline



|             |  |
|-------------|--|
| <b>1972</b> | Tim Peake was born in West Sussex, England.  |
| <b>1990</b> | Tim joined the army  |
| <b>2009</b> | Tim became an astronaut  |
| <b>2015</b> | Tim Peake became the first British astronaut to live on the International Space Station. |
| <b>2016</b> | Tim returned to Earth.   |
| <b>Now</b>  | Tim works with astronauts in Germany. He might return to space one day.                  |



### Scott of the Antarctic Timeline



|                     |   |
|---------------------|---|
| <b>1868</b>         | Robert Scott was born in Plymouth, England.   |
| <b>1881</b>         | He joined the Royal Navy.   |
| <b>1901 to 1904</b> | Scott travelled to Antarctica on the Discovery Expedition. They reached further south than anyone had before.     |
| <b>1910</b>         | He led the Terra Nova expedition to the South Pole.   |
| <b>1912</b>         | He reached the South Pole on the 17th of January. Amundsen had reached the South Pole about a month before Scott. |
| <b>1912</b>         | Robert Falcon Scott died.   |

