

Tim Peake

Tim Peake (1972–) is a British astronaut who became famous when he spent six months living and working on the International Space Station (ISS) in 2015/16. He was the first British astronaut to board the ISS, a laboratory 400 kilometres from Earth.



Tim telephoned his family from the ISS, but dialled the wrong number by mistake! He asked 79-year-old Betty Barker, ‘Hello, is that planet Earth?’ She hung up because she thought someone was playing tricks!

Tim ran the equivalent of the London Marathon on a treadmill on the ISS, on the same day the race took place on Earth. He set the world record for the fastest marathon in space (3 hours, 35 minutes and 21 seconds).

When he wasn’t working, Tim enjoyed taking some amazing photographs from the ISS. One of his favourites was a picture of the Milky Way he took while brushing his teeth!

Tim Peake Quotes

"Don't let anybody tell you you can't do anything."

"The best ride I've been on ever."

Tim Peake was born in Chichester, West Sussex, in 1972, and grew up with his sister Fiona, his mother Angela (a midwife) and his father Nigel (a journalist).

Tim's fascination with flying began as a child when his dad took him to air shows. On leaving school, Tim trained at the Royal Military Academy, Sandhurst, and joined the British Army Air Corps. He served for nearly 18 years in Northern Ireland, Germany, Bosnia, Afghanistan, Kenya and Canada. Tim flew planes and helicopters. He also spent time with the US Army, trained as a test pilot (a dangerous job flying new aircraft) and gained a degree in flight dynamics.

In 2008, Tim saw an online advertisement recruiting new astronauts for the European Space Agency (ESA). Of more than 8,000 applicants, Tim was one of 900 shortlisted for a year-long assessment. Meanwhile, Tim retired from the British Army (as Major Tim Peake) and went to work as a helicopter test pilot. But a few months into this new job, he got a phone call from ESA offering him one of six places as an astronaut!

Tim moved to Cologne, Germany, with his wife Rebecca and their young son to begin training. Tim had to learn Russian and he practised wearing a spacesuit under water to experience the feeling of zero-gravity. He also spent a week in a damp, dark underground cave in Sardinia, and 12 days in an underwater laboratory, 20 metres below the sea. The cramped conditions and limited food supplies were a bit like life in space.

In 2013, ESA announced Tim's mission to the ISS – called Principia (after Isaac Newton's famous books on gravity). With US astronaut Tim Kopra and Russian cosmonaut Yuri Malenchenko, their rocket launched from Kazakhstan in December 2015, on a six-hour journey into space.

They joined three astronauts already onboard the ISS. There they set to work on experiments designed to help people on Earth and to improve future space missions. They investigated the effects of space travel on the human body, for example, looked at how food grows in space, and monitored the Earth's climate. Tim also became the first British astronaut to do a spacewalk. On 15 January, he and Tim Kopra ventured outside the ISS for four hours, making repairs.

In June 2016, Tim, Kopra and Malenchenko returned to Earth. This time the journey took three hours. Tim was looking forward to having a pizza! He then travelled back to Germany to spend time with his family and to undertake further tests. Tim had orbited Earth about 3,000 times, travelling about 125 million kilometres at an average speed of 27,000 kph, and his body needed time to recover.

Tim received an award from the Queen for his services to space research and scientific education. His enthusiasm for the job and regular communications with Earth helped to inspire a generation of children – and adults alike – to learn more about the depths of our solar system and the possibilities of future space travel.

Tim Peake spent an eventful and busy six months in space. Can you imagine that you are Tim on board the International Space Station writing a letter home, explaining what it is like on board and what you miss about home?

A Letter from Tim Peake



Imagine that you are Tim Peake, staying on board the International Space Station. Write a letter home explaining what it is like and what you miss about home.

A large, rounded rectangular box with a black border, containing horizontal lines for writing a letter.

Lots of people would love the chance to be an astronaut, but what skills do you need to have and what are the responsibilities of this unique job? This worksheet asks you to write a job description for the position!

Job Description



Fill in the table below to write a job description for the position of astronaut.

Job Title : Astronaut

Key Responsibilities:

Responsible To:

Skills and Experience needed:

Salary and Benefits:

Can you plan your own experiment to carry out on a space shuttle using the worksheet prompts to help you?

Design a Space Experiment



Imagine that you are going to spend a week on a space shuttle carrying out experiments. You have been told you can do an experiment of your own choice. Use this worksheet to help you plan one.

I will investigate:

What I will need:

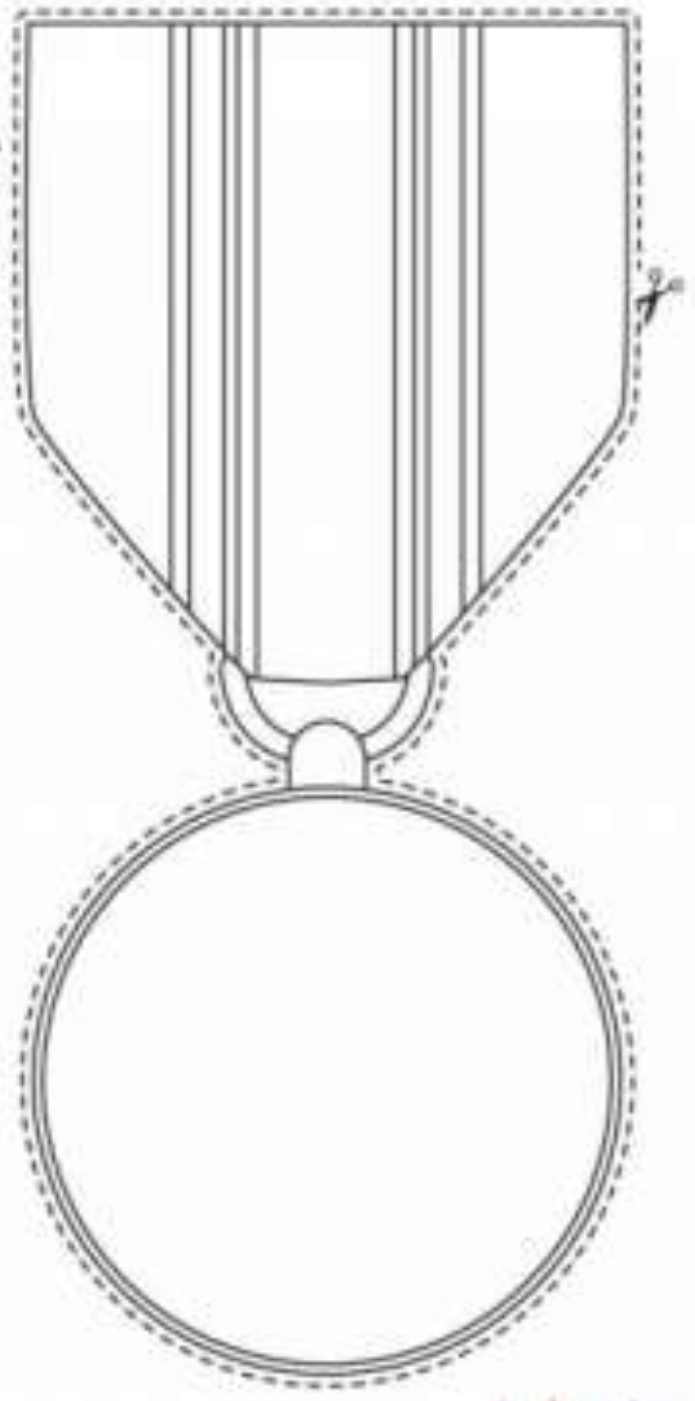
What I will do:

What I hope my experiment will find out:

Astronaut Tim Peake has already received an award from the Queen, but can you design your own award for him?

Tim Peake Award

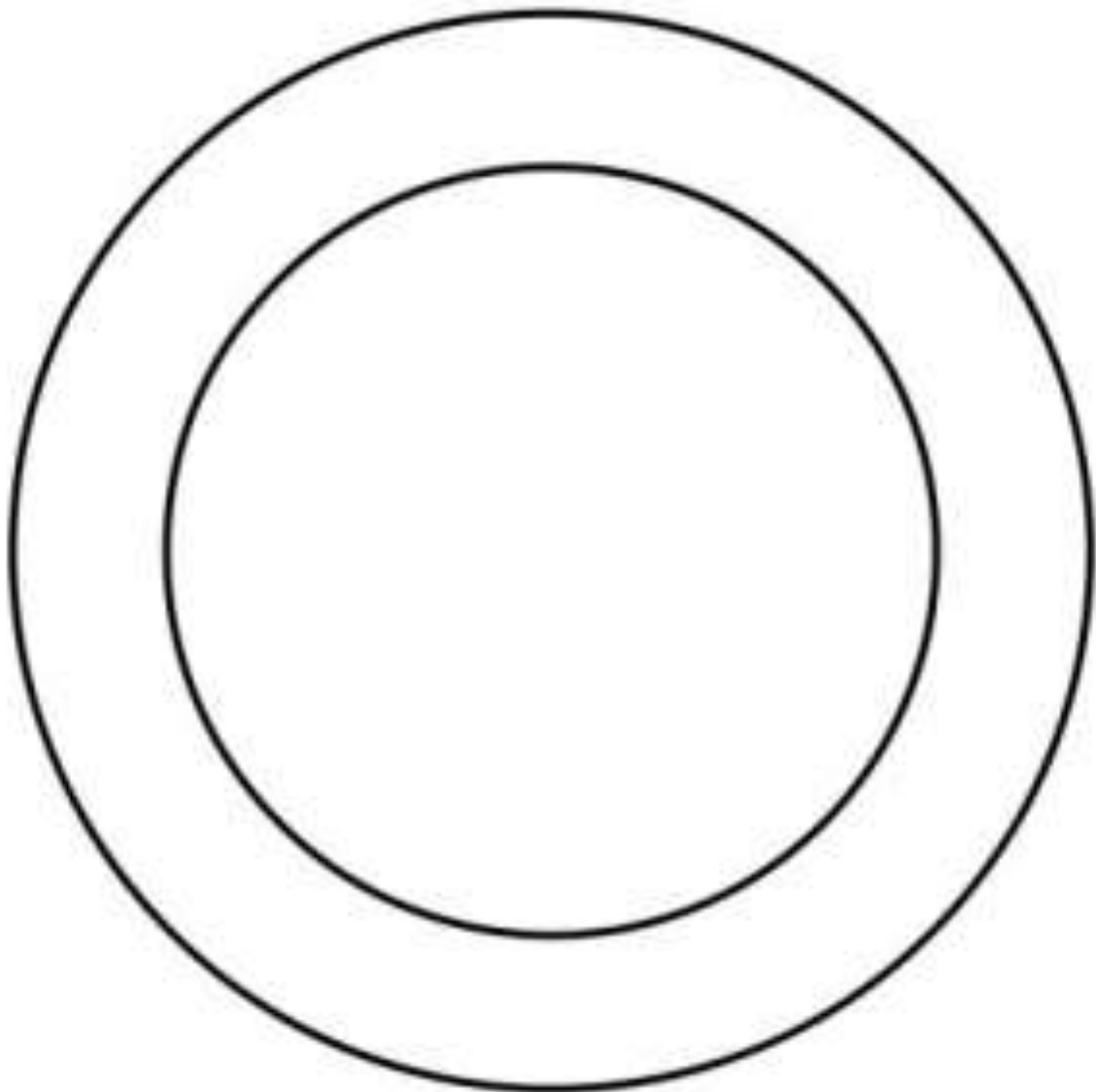
Tim received an award from the Queen for his services to space research and scientific education. Can you design a medal to commemorate his adventure and work?



Astronauts eat three meals a day on the International Space Station, just as they do on Earth, but there are some difficulties with eating in space.

Eating in Space

Find out what sort of foods astronauts eat to stay healthy and some of the problems of eating in space. Design a meal to be served on the International Space Station.



Learn to Draw Tim Peake



Can you imagine you have to pack this suitcase for a 3-month stay on the International Space Station or in a spacecraft? You'll need to really think carefully about each item!

Packing for Space

Imagine you have a chance to spend 3 months on the International Space Station. What would you pack? Think carefully about what you will need, the weight and any potential problems with using the items. Write or draw your packing list in the suitcase below.



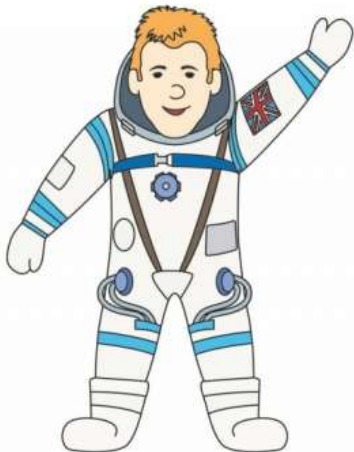
This space postcard really is stunning! Pretend you're an astronaut sending this postcard home from space?



Fold

A postcard template with a vertical fold line. The left side has seven horizontal lines for an address. The right side has a rectangular box for a stamp and four horizontal lines for a message. At the bottom, it says "Printable postcards from www.ActivityVillage.co.uk".

Tim Peake



Tim Peake



Write about Tim's mission on the International Space Station, including his spacewalk?



Tim Peake

Print this cartoon-style poster of astronaut Tim Peake to display.



Tim Peake Quote Worksheet



Don't let anybody
tell you you can't do
anything.

What do you think this quote means?

Rewrite the quote in your own words.

Tim Peake

Born:

Nationality:

Occupation:

What is he famous for?

Would you like to meet him?

What would you talk about?



Astronaut Tim Peake completed his first spacewalk on Friday 15th January 2016 at 17:31. Can you imagine you are Tim Peake and write about the spacewalk in this diary?

Tim Peake's Diary

