

# Tim Peake

## Who Is Tim Peake?

Timothy Nigel 'Tim' Peake is a British astronaut who was born in Chichester, West Sussex, England, on 7<sup>th</sup> April 1972.

## Tim's Childhood

Tim grew up in a village with his older sister, mother and father. At an early age, Tim was fascinated with flying because his father took him to air shows.

He went to school at the Chichester High School for Boys.

## After Tim Left School

- In 1990, Tim went to the Royal Military Academy Sandhurst.
- He trained to be a pilot and worked for 18 years for the army.
- In 2008, Tim applied to become an astronaut.
- In 2009, Tim began his astronaut training at the European Astronaut Corps.

## Blast Off!

In December 2015, Tim Peake launched alongside two other astronauts. Tim reached his destination on the same day.

He spent six months living in space. During that time, he completed a spacewalk, which means he left the space station to complete jobs outside in space. This was watched by millions of people on Earth with excitement.

## Home Again

Tim returned to Earth in June 2016, landing in Kazakhstan. During his mission, Tim made 3000 orbits of the Earth.

It took two months for Tim's body to recover from the effects of zero gravity.



## Did You Know?

- Tim's first meal on board the ISS was a bacon sandwich and cup of tea.
- While in space, Tim travelled about 125 million km.
- Tim was the first British astronaut to complete a spacewalk.
- During Tim's return to Earth, he travelled at 25 times the speed of sound.

# Questions

1. On which date was Tim Peake born? Tick one.

- 15<sup>th</sup> December 2015
- 7<sup>th</sup> April 1972
- 18<sup>th</sup> June 2016
- 7<sup>th</sup> April 1990

2. Which school did Tim attend? Tick one.

- Sussex Boys School
- Royal Military Academy Sandhurst
- European Astronaut Corps
- Chichester High School for Boys

3. How many years did Tim work for the army? Tick one.

- 16
- 17
- 18
- 19

4. Where did Tim land when he returned from space? Tick one.

- Russia
- England
- Kazakhstan
- Britain

5. Fill in the missing words in this sentence:

At an early age, Tim was \_\_\_\_\_ because his father took him to air shows.

6. How long did Tim spend in space?

\_\_\_\_\_

7. Why do you think that people watched Tim's spacewalk with excitement?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Answers

1. On which date was Tim Peake born? Tick one.

- 15<sup>th</sup> December 2015
- 7<sup>th</sup> April 1972**
- 18<sup>th</sup> June 2016
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2. Which school did Tim attend? Tick one.

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- Russia
- England
- Kazakhstan**
- Britain

5. Fill in the missing words in this sentence:

**At an early age, Tim was fascinated with flying because his father took him to air shows.**

6. How long did Tim spend in space?

**Tim spent six months in space.**

7. Why do you think that people watched Tim's spacewalk with excitement?

**Pupils' own responses, such as: I think people watched Tim's spacewalk with excitement because he was the first British astronaut to complete one and he had become very famous before going into space.**

# Tim Peake

## Early Life

Timothy Nigel 'Tim' Peake was born in Chichester, West Sussex, England, on 7<sup>th</sup> April 1972. He grew up in a nearby village. He lived with his older sister, Fiona, and his parents. His mother, Angela, was a midwife and his father, Nigel, was a journalist. Tim's fascination with flying began at an early age when his father took him to air shows to watch aircraft.



He studied at the Chichester High School for Boys, leaving in 1990 to attend the Royal Military Academy Sandhurst.

## Military Career

Tim followed his passion for flying and trained to be a pilot. He worked in the military for 18 years, flying all types of helicopters and aircraft.

Tim later trained to be an instructor, before flying Apache helicopters with the US Army.

## European Space Agency

In 2008, the European Space Agency (ESA) announced it was accepting applications for new astronauts. Tim saw the advert online and decided to apply, along with 8000 other people!

In 2009, following various exams and assessments, Tim received a phone call from the ESA offering him one of the six available places with the European Astronaut Corps.

## Blast Off!

On 15<sup>th</sup> December 2015, Tim Peake launched alongside Yuri Malenchenko and Tim Kopra, at 11:03 a.m. Tim reached his destination at 5:33 p.m. and docked two hours later, becoming the first British ESA astronaut to live onboard the International Space Station. He spent six months living in space, during which time he completed the first spacewalk by a British astronaut. This was watched by millions of people on Earth with excitement.

## Coming Home

Tim returned to Earth on 18<sup>th</sup> June 2016, landing in Kazakhstan. During his

mission, Tim had taken 3000 orbits of Earth, covering about 125 million km. It took two months for Tim's body to recover from the effects of zero gravity.

**Did You Know?**

- Tim had to learn Russian – the language used by the ESA – during his training.
- Tim's first meal onboard the ISS was a bacon sandwich and cup of tea.
- During Tim's return to Earth, he travelled at 25 times the speed of sound.

# Questions

1. Which one of these people is not a member of Tim's family? Tick one.

- Yuri
- Fiona
- Angela
- Nigel

2. Draw a line to match the event to the year it happened.

Tim applied to become an astronaut with the European Space Agency.

1990

Tim started training with the European Astronaut Corps.

2008

Tim went to the Royal Military Academy Sandhurst.

2009

3. What did Tim fly for the US Army? Tick one.

- aeroplanes
- Apache helicopters
- aircraft
- the International Space Station

4. Which language did Tim have to learn during his training to become an astronaut? Tick one.

- British
- French
- English
- Russian

5. How long did it take Tim's body to recover from the effects of zero gravity?

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6. Why did Tim choose to become a pilot?

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7. Why do you think Tim applied to become an astronaut?

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8. Explain why it might have taken six years for Tim to train to be an astronaut.

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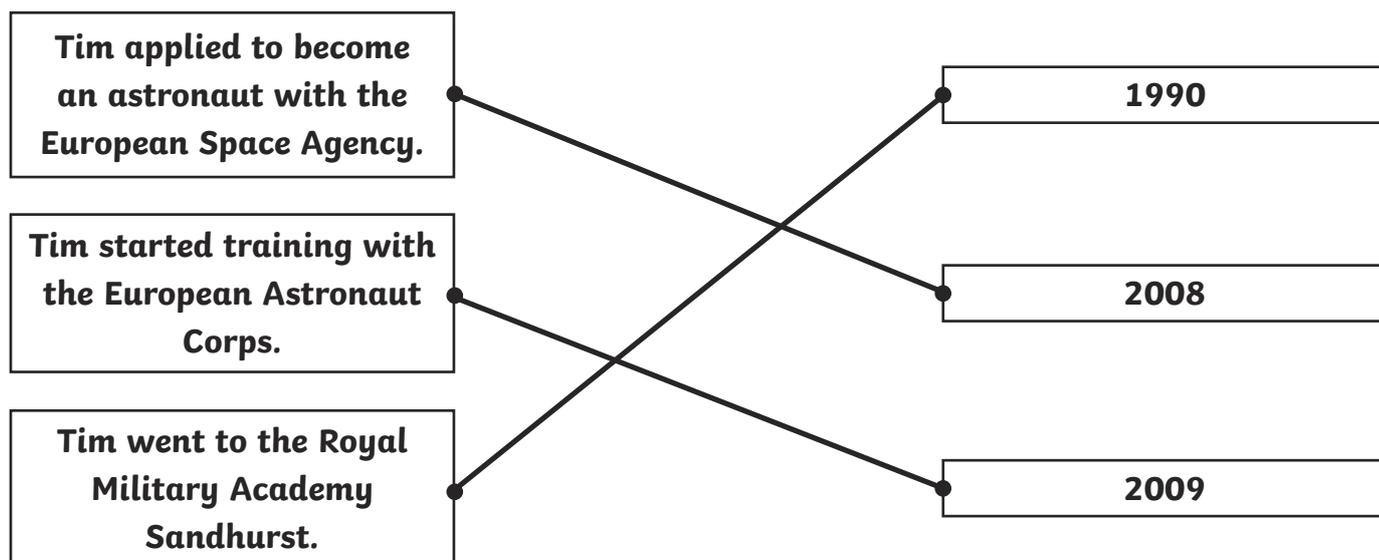
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# Answers

1. Which one of these people is not a member of Tim's family? Tick one.

- Yuri
- Fiona
- Angela
- Nigel

2. Draw a line to match the event to the year it happened.



3. What did Tim fly for the US Army? Tick one.

- aeroplanes
- Apache helicopters
- aircraft
- the International Space Station

4. Which language did Tim have to learn during his training to become an astronaut? Tick one.

- British
- French
- English
- Russian

5. How long did it take Tim's body to recover from the effects of zero gravity?

**It took Tim's body two months to recover from the effects of zero gravity.**

6. Why did Tim choose to become a pilot?

**Tim chose to become a pilot because of his fascination for flying.**

7. Why do you think Tim applied to become an astronaut?

**Pupils' own responses, such as: I think Tim applied to become an astronaut because it is the ultimate flying experience for someone who has a passion for flying.**

8. Explain why it might have taken six years for Tim to train to be an astronaut.

**Accept any suitable answer, such as: It would have taken Tim six years to train to be an astronaut because he had to learn how to do the job safely and there was a lot to learn.**

# Tim Peake

## Early Life

Timothy Nigel 'Tim' Peake was born in Chichester, West Sussex, England, on 7<sup>th</sup> April 1972, and grew up in a nearby village. Tim and his older sister, Fiona, enjoyed a stable upbringing and ordinary family life. Their mother worked as a midwife and their father, who was a journalist, had always been interested in historic aircraft so he took Tim to air shows from an early age. This is where Tim's fascination with flying began.



He studied at the Chichester High School for Boys, leaving in 1990 to enrol at the Royal Military Academy Sandhurst.

## Military Career

Despite having been interested in stars and the universe as a child, as a career choice Tim followed his passion for flying and trained to be a pilot. This resulted in an eighteen-year military career where Tim flew all types of helicopters and aircraft.

Tim later trained to be an instructor, before flying Apache helicopters in Texas with the US Army. On his return to the UK, the Apache was being introduced into the British Army so Tim helped develop the training activities.

## European Space Agency

In 2008, when the European Space Agency (ESA) announced it was accepting applications for new astronauts, Tim saw the advert online and decided it was too good an opportunity to miss. His application joined 8000 others!

In 2009, following various exams and assessments, Tim received a phone call from the ESA offering him one of the six available places with the European Astronaut Corps.

## Blast Off!

On 15<sup>th</sup> December 2015, at 11:03 a.m., the nation collectively held their breath as Tim Peake launched alongside Yuri Malenchenko and Tim Kopra. Tim reached his destination at 5:33 p.m. but the docking procedure did not go to plan. More than two hours later, the hatch opened and Tim was welcomed onboard, becoming the first British ESA astronaut to live on the International Space

Station (ISS). Tim spent six months living and working in space, during which time he completed the first spacewalk by a British astronaut.

### Coming Home

Tim returned to Earth on 18<sup>th</sup> June 2016, travelling at 25 times the speed of sound, landing in Kazakhstan at 9:15 a.m. During his mission, Tim had made 3000 orbits of Earth, covering about 125 million km. It took around two months for Tim's body to recover from the effects of zero gravity.

While in space and since returning home, Tim has worked a lot with children on various science projects to spread the excitement around being an astronaut.

### Glossary

**Test pilot** – A pilot who flies an aircraft to test its performance.

**Astronaut** – A person who is trained to travel in a spacecraft.

**Zero gravity** – The state or condition in which there is no apparent force of gravity acting on a body.

**Spacewalk** – A period of physical activity engaged in by an astronaut in space outside a spacecraft.

# Questions

1. 'Tim... enjoyed a stable upbringing...' What does the word stable mean? Tick one.

- something which is unexpected
- something unpleasant
- something which is safe and steady
- something noisy

2. Match each question to the correct answer.

Where did Tim go to school?

Royal Military Academy Sandhurst

Where did Tim go after he left school?

Chichester High School for Boys

In 2008, where did Tim apply to become an astronaut?

European Space Agency

3. Name two things that Tim has done as a job.

1. \_\_\_\_\_

2. \_\_\_\_\_

4. Fill in the missing words from this sentence:

'Tim spent six months \_\_\_\_\_ in space, during which time he completed \_\_\_\_\_ by a British astronaut.'

5. Find and copy a word which tells you that Tim had always loved flying.

\_\_\_\_\_

6. How do you think Tim felt when the docking procedure didn't go to plan?

\_\_\_\_\_

\_\_\_\_\_

7. What do you think attracted Tim to the online advert to train to become an astronaut?

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8. How has Tim contributed to scientific knowledge?

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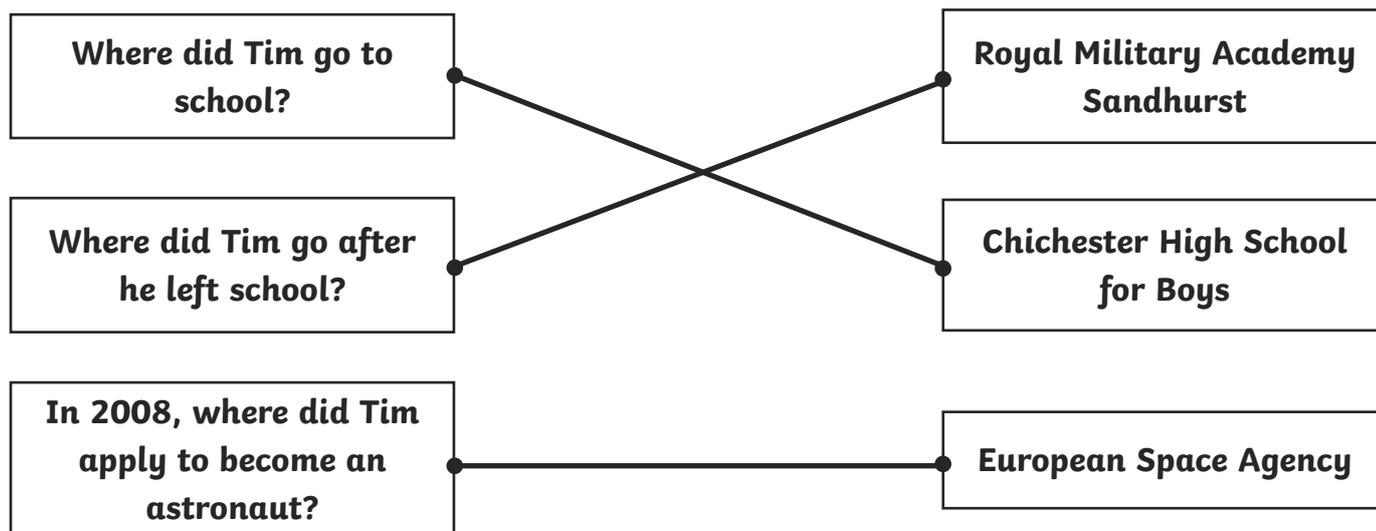
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# Answers

1. 'Tim... enjoyed a stable upbringing...' What does the word stable mean? Tick one.

- something which is unexpected
- something unpleasant
- something which is safe and steady**
- something noisy

2. Match each question to the correct answer.



3. Name two things that Tim has done as a job.

**Accept any two of the following: Tim has been a pilot for the British army; Tim has been an instructor; Tim has flown Apache helicopters in Texas with the US Army; Tim has been a British astronaut for ESA.**

4. Fill in the missing words from this sentence:

**'Tim spent six months living and working in space, during which time he completed the first spacewalk by a British astronaut.'**

5. Find and copy a word which tells you that Tim had always loved flying.

**Accept any of the following: fascination, passion.**

6. How do you think Tim felt when the docking procedure didn't go to plan?

**Pupils' own responses, such as: I think Tim would have felt nervous as it was a scary situation but he had trained for years so would probably feel confident in his ability.**

7. What do you think attracted Tim to the online advert to train to become an astronaut?  
**Accept any suitable response, such as: I think the prospect of having the ultimate flying experience attracted Tim to becoming an astronaut, especially as he was passionate about flying and aircraft.**
8. How has Tim contributed to scientific knowledge?  
**Accept any suitable answer, such as: Tim has contributed to scientific knowledge by continuing exploration into space to gain knowledge of the universe. He has also worked with children on various science projects which is sharing scientific knowledge with the next generation.**