

<b>Wednesday 13<sup>th</sup> May 2020</b> <b>Home Learning – Year 6 - Week 4 – Wednesday</b>	
<b>Reading</b> 	<p>Turn to page 2 for the reading text then answer these questions in your exercise book. <b>This text will be the same tomorrow</b>, so if you are printing the text, you can keep the text and use it tomorrow.</p> <p><b>Once you have answered the following questions, go to page 4 for the answers.</b></p> <ol style="list-style-type: none"> <li>1. How long had Peake been living on the ISS?</li> <li>2. Write down two jobs Tim had to do on the mission.</li> <li>3. Why were the astronauts carried out of the capsule?</li> <li>4. What did Peake notice once he'd left the capsule?</li> </ol>
<b>Writing</b> 	<p>Over the next three days, you will be working towards writing an information leaflet. Today, you will be identifying the features of an information leaflet. <b>Click the link below to access the lesson.</b></p> <p><a href="https://www.thenational.academy/year-6/english/information-leaflet-lesson-3-identifying-features-year-6-wk2-3">https://www.thenational.academy/year-6/english/information-leaflet-lesson-3-identifying-features-year-6-wk2-3</a></p> <p>We recommend setting aside 1 hour to complete this lesson.</p>
<b>Maths</b> 	<p><b>Follow the link below to access the lesson.</b> In today's lesson, you will be classifying different types of quadrilateral and learning about the sum of their internal angles.</p> <p><a href="https://www.thenational.academy/year-6/maths/compare-and-classify-quadrilaterals-year-6-wk3-3">https://www.thenational.academy/year-6/maths/compare-and-classify-quadrilaterals-year-6-wk3-3</a></p> <p>We recommend setting aside 1 hour to complete this lesson.</p>
<b>Science</b> 	<p>Today, you are investigating this question – <b>why our pulse increase when we exercise?</b></p> <ol style="list-style-type: none"> <li>1) Go to page 3 and read the information text.</li> <li>2) Watch this video <a href="https://www.youtube.com/watch?v=wWGulLaa000">https://www.youtube.com/watch?v=wWGulLaa000</a>.</li> </ol> <p>Now, in your exercise book, answer the question: <b>why our pulse increase when we exercise?</b> You can use diagrams and pictures in your answer.</p>
<b>Fabulous Finish</b> 	<p><b>Don't forget to do at least 30 minutes Reading for Pleasure!</b></p> <p><b>We recommend:</b> 20,000 Leagues Under The Sea by Jules Verne. You can listen to the story and read along at the same time!</p> <p><a href="https://www.oxfordowl.co.uk/api/digital_books/2331.html">https://www.oxfordowl.co.uk/api/digital_books/2331.html</a></p> <p><b>Arithmetic:</b> 1) <math>4 \div 3 + 2 \times 6</math>    2) <math>3.4 + 0.885</math>    3) <math>\frac{2}{6} - \frac{5}{6}</math>    4) <math>3 \times \frac{1}{2}</math></p> <p><b>Spellings:</b> co-own, re-examine, pre-existing, co-ordinate, re-enter, de-emphasise, co-operate, ultra-ambitious.</p>

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# BACK TO EARTH WITH A BUMP!

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Reported by Amanda Kelper, Media Correspondent, London

Last week, British astronaut Tim Peake returned home from an incredible six month stay aboard the International Space Station (ISS), alongside his crewmates Yuri Malenchenko and Timothy Kopra. He is the first British astronaut to have lived on the ISS.

The men were launched into space on 15th December 2015 and in the months before take-off, they trained intensively for their trip. The mission involved conducting experiments, testing out new technology and inspiring the next generation of space travellers. Peake told reporters that the highlight of his mission was a spacewalk where he had to make a repair on the space station. Whilst away from home, Tim also ran the equivalent of the London Marathon on his treadmill.

Having circled the planet nearly 3,000 times in 186 days, the crew returned home to Earth via a Soyuz capsule, which reached speeds of up to 28,000 kilometres per hour (25 times the speed of sound). The touchdown was bumpy due to high winds, however the astronauts landed safely in Kazakhstan. They all returned in good health. Having arrived back on solid ground, the astronauts were pulled out of the capsule and carried as their leg muscles were too weak to walk. Whilst sitting in their space suits, the men were checked over by medical staff. During these checks, Peake was asked how it felt to be home, 'The smells of Earth are so strong and it's wonderful to be back in the fresh air.'

Tim later flew from Kazakhstan to the headquarters of the European Space Agency in Cologne, Germany where he is recovering and adjusting to life back on Earth. Scientists are carrying out tests to see how his body has been affected by his time in space.



*Landing with a bump! Tim Peake lands safely in Kazakhstan.*

In a recent press conference, Peake commented on how he'd missed family and friends, and even the rain. Tim expressed how much he was now looking forward to spending some quality time with his family. When asked if he'd return to space in the future, he replied, '...in a heartbeat.'

His service to science has earned him an honour from the Queen. Peake was made a CMG, or companion of the order of St Michael and St George. In response, Tim said, 'I am only one privileged person in a complex team of technicians, scientists, engineers, educators, trainers and flight directors, all working in pursuit of one of the greatest scientific and technical challenges of our time – exploring our solar system for the benefit of people on Earth. This award is for them.'

## Science

### Our Bodies!

#### Did you know?

Your heart beats about 3,000,000,000 times during your lifetime! And, if you stretched out all of your blood vessels, they would reach a quarter of the way to the moon!

#### Speed up, slow down

When we exercise, our heart beats faster. Try it! Find your pulse and measure it when you are resting. Now exercise hard for a few minutes and take another measurement. Are the number of beats per minute the same?

When we exercise, our heart needs to pump blood around our body faster. Why do you think this is?

#### Find out

The human heart beats about 70 times a minute when we are resting a hummingbird's heart beats 1300 times each minute! A blue whale's beats only 10 times each minute. Is there a pattern between the number of heart beats per minute and the size of an animal?

## Reading Answers

1. How long had Peake been living on the ISS?

**Tim Peake had been living on the ISS for six months.**

2. Write down **two** jobs Tim had to do on the mission.

**Any two of; he conducted experiments, tested out new technology and did necessary repairs on the ISS.**

3. Why were the astronauts carried out of the capsule?

**They were carried as their leg muscles were too weak to walk.**

4. What did Peake notice once he'd left the capsule?

**He noticed the smells of Earth and the fresh air.**