








Thursday 18th June 2020

Home Learning – Year 6 - Week 8 – Thursday

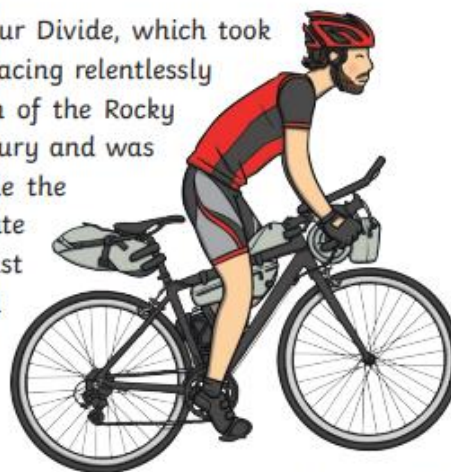
<p>Reading</p> 	<p>Turn to pages 2 and 3 for the reading text then answer these questions in your exercise book. The text is the same as yesterday.</p> <p>Once you have answered the following questions, go to page 4 for the answers.</p> <ol style="list-style-type: none">1. Why was it important that Mike’s bike was strong and light? (2marks)2. How many people competed in the first Transcontinental Race?3. Mike Hall was one of the greatest ultra-distance riders. Find two pieces of evidence to support this statement.4. Which piece of equipment did these jobs: <i>To keep healthy through the race?</i> <i>To mend flat tyres?</i> <i>To make water safe to drink?</i> <i>To help with directions?</i>5. Why was it important for the organisers to cancel the Indian Pacific Wheel Race?
<p>Writing</p> 	<p>Today, you will be exploring clause structures. Click the link below to access the lesson.</p> <p>https://classroom.thenational.academy/lessons/letter-of-complaint-clause-structures/</p>
<p>Maths</p> 	<p>Follow the link below to access the lesson. In today’s lesson, we will be learning how to solve problems involving conversion of length.</p> <p>https://classroom.thenational.academy/lessons/to-solve-problems-involving-conversion-of-length/</p>
<p>Science</p> 	<p>Today, you are going to revise magnets.</p> <p>Follow the link below and watch the three videos and complete activity 1. Then, complete the worksheet provided on page 5, answers are on page 6.</p> <p>There is also a bonus activity on page 7 if you wish to complete it!</p> <p>https://www.bbc.co.uk/bitesize/articles/zk7fy9q</p>
<p>Fabulous Finish</p> 	<p>Don’t forget to do at least 30 minutes Reading for Pleasure!</p> <p>Check out this website which is full of amazing audiobooks for you to choose from. What will you listen to? https://stories.audible.com/discovery</p> <p>Arithmetic: 1) $87540 \div 1000$ 2) $8854 - 3.9$ 3) $\frac{6}{8} + \frac{4}{8}$ 4) 432×29</p> <p>Spellings: innocent, innocence, confident, confidence, decent, decency, frequent, frequency</p>

Reading Text

Mike Hall

A lot of people enjoy riding their bike for a bit of exercise or peace. There are some people who take this to an almost superhuman level and one of these phenomenal athletes was Mike Hall. Mike was born on 4th March 1981 in Harrogate, North Yorkshire. He began to compete in long distance races - over 24 hours - when he was about 28 years old. He soon made the step up to ultra-distance racing. These races cover unbelievable distances, countless miles and span entire continents. Only a select group of riders could even begin to compete in these races and Mike was one of the best.

Mike's first ultra-distance race was the Tour Divide, which took him from Canada to the Mexican border, racing relentlessly through the USA. He raced the full length of the Rocky Mountains whilst suffering from a knee injury and was still able to complete the race just outside the top ten. He would later go on to dominate the event, winning the race twice, whilst setting course records, which still stand today. Mike was a force in ultra-distance racing, often finishing in first place! He won the Trans AM Race, which runs from the west coast of America to the East, for approximately 4200 miles. Mike completed this race in an astonishing 17 days and 16 hours. No one has ever completed the race in a faster time! Mike starred in a documentary about the race called Inspired to Ride, which followed him throughout the competition. After finishing 11th in his first ultra-distance race, Mike won every other major race he took part in!



He was also a keen race organiser and passionate fundraiser. He was the main organiser of the Transcontinental Race, which takes place in Europe. Riders travel from the UK, calling in at a number of predetermined landmarks throughout the continent as they race to the border of Europe and Asia in Turkey. The race takes place over a distance of approximately 4200km. The first race took place in 2013 with 30 competitors, whereas the most recent race had over 1000



Mike Hall

applicants for only 350 race places. Throughout his racing career, he raised thousands of pounds for a charity supporting newborn children in Vietnam, Asia.

Mike competed in self-supporting, ultra-distance races, which means that he was on his own and had to carry everything he needed on his bike. Given that some of his races could last almost 100 days, this was a challenge. He rode a carbon fibre bike which was very strong but importantly, light. Tools and materials such as puncture repair kits were essential. He would need to carry vitamins to help him stay in top condition throughout the race and water purification tablets as he would have to find his own water to keep hydrated. He could ingeniously use the power he generated whilst riding to charge his phone and GPS (Global Positioning System).



Sadly, Mike Hall was killed in a collision with a car whilst competing in the Indian Pacific Wheel Race in Australia in March 2017. Mike had almost completed the race and was in 2nd place. The race was cancelled following this tragic incident. The race organisers paid tribute to Mike, saying that he would leave 'an incredible legacy' and he was described by fellow riders as 'a shining light'.

Reading Answers

1. Why was it important that Mike's bike was strong and light?
Strong:
The bike would be ridden for a long time and possibly on rough roads or terrain.
Light:
Mike would be carrying lots of other weight; it makes the bike easy to lift and fix.
2. How many people competed in the first Transcontinental Race?
30 people competed in the first Transcontinental Race.
3. Mike Hall was one of the greatest ultra-distance riders.
Find two pieces of evidence to support this statement.
Variety of answers possible with answers linking to the themes of determination, competitiveness, wins, records, etc.
4. Match the equipment to its job.
- | | |
|-----------------------------|----------------------------------|
| vitamins | to keep healthy through the race |
| puncture repair kit | to mend flat tyres |
| purification tablets | to make water safe to drink |
| GPS | to help with directions |
5. Why was it important for the organisers to cancel the Indian Pacific Wheel Race?
Variety of answers possible linked to the idea of paying respect to Mike, other riders might not want to continue, etc.

Science

Exploring Magnets

Complete the sentences using the word bank below.

Magnets have two _____. One is called the _____ pole and the other is the _____ pole. When opposite poles are near one another, they _____ together. This means the two poles _____. When two of the same poles are near one another, they _____ away from one another. This means the two poles _____ each other.

Word bank

repel

north

attract

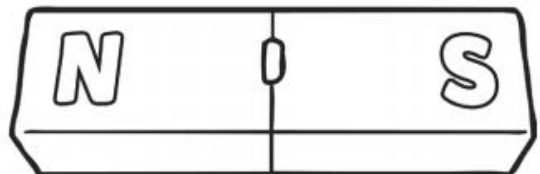
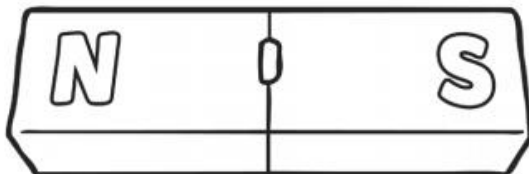
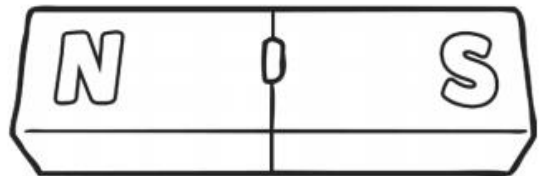
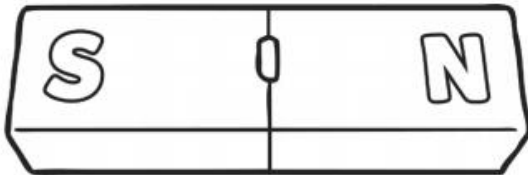
south

pull

push

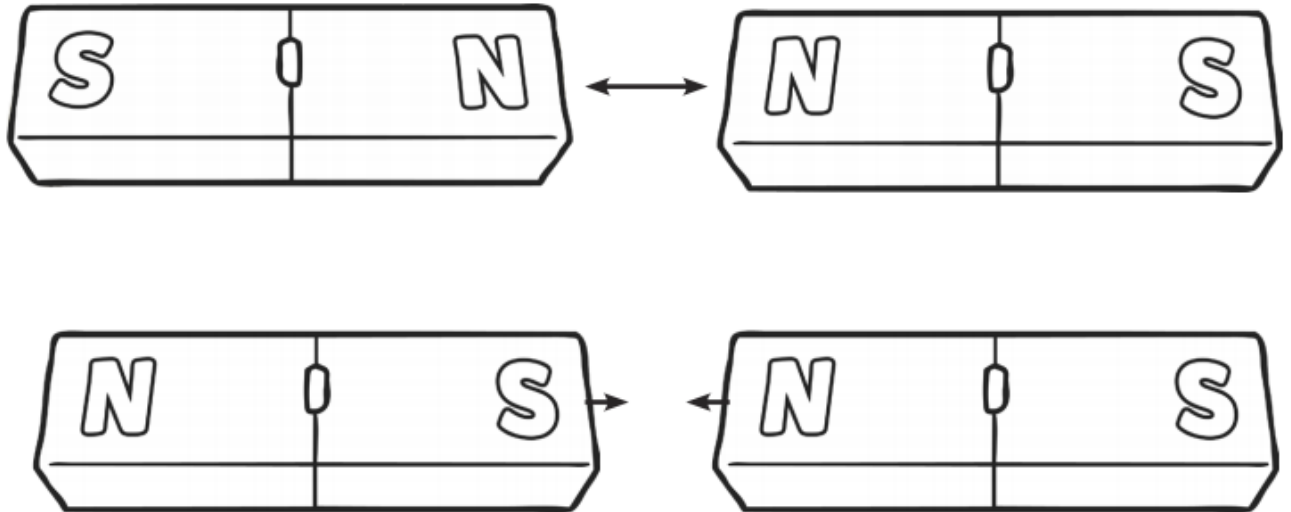
poles

Draw arrows to show what force happens in these pictures.



Science Answers







Magnets have two poles. One is called the **north** pole and the other is the **south** pole. When opposite poles are near one another, they **pull** together. This means the two poles **attract**. When two of the same poles are near one another, they **push** away from one another. This means the two poles **repel** each other.



Science Bonus Activity

Is It Magnetic?

In the prediction column below write whether you think each object will be attracted to a magnet or not. Test the objects with a magnet and fill in the results column.

Object	Prediction	Test Result
fork 		
knife 		
spoon 		
'copper' coin 		
'silver' coin 		
pencil 		
drink can 