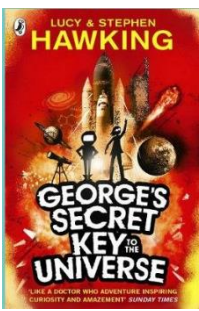




Year 5

Year 5, I am missing you all already. It was lovely hearing from you last week, hope you enjoyed the end of George's secret key to the universe. I've heard some of you have made projects about the solar system, I look forward to seeing them. Remember you can send me pictures or information you have found out to the school email address.

Reading



[Tim Peake: Becoming an Astronaut](#)/ George's secret key to the universe

**Watch the clip about Tim Peake (we have already seen it in class)**

<https://www.youtube.com/watch?v=9vOeJk4xbI>

Eric and Annie are passionate scientists. They long to uncover the secrets of the universe. In this film Tim Peake talks about why being an astronaut and working on the International Space Station is so important to him.



Design their own job spec for becoming an astronaut - what skills and dispositions do you need to work in the ISS?

Writing

Write your own poem about space. First think of ideas about space and group them. What does space look / feel / smell / sound like? Is it lonely? What would you miss most in space? What colour(s) is space? What does an astronaut wear? What can they tell you about space in general?

Remember all the poetry devices we used last term (alliteration, metaphor, similes, using our senses, repeating first line and onomatopoeia)

Your poem could be:

- A shape poem
- A narrative (think of our poems about Grendel's mother or the highwayman. The poems tell a story)
- An acrostic
- Or any other style you like

If you don't fancy poetry you can write it as a setting description or a story.



Earth is home to countless species of living creatures and plants, each of which is important for our planet. On 20 December 2013, the United Nations General Assembly declared 3 March World Wildlife Day so that people will take time to consider the importance of the wildlife around them. Scientists are always searching for life on other planets but as of yet have not found complex life outside of Earth. Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.

1.  $\frac{2}{5} + \frac{1}{3} + \frac{2}{15} =$

2. Which is the largest of these fractions:  $\frac{2}{5}$   $\frac{3}{10}$   $\frac{3}{4}$   $\frac{1}{2}$   $\frac{13}{20}$

3. Write  $\frac{4}{16}$  in quarters.

4.  $\frac{1}{5} \times 4 =$

5.  $\frac{2}{7} + \frac{1}{3} =$

**Did you know?**  
The Earth is in 'The Goldilocks Zone' in our solar system. This refers to the area around a star where the temperature is just right for liquid water and possible life.

6. What is double one third?

7. Write  $\frac{3}{2}$  as a mixed number.

8.  $\frac{3}{7} \times 2 =$

9. Which is smaller:  $\frac{1}{4}$  or  $\frac{2}{5}$ ?

10.  $1\frac{3}{4} \times 2 =$

11.  $12 = \frac{7}{7}$  of 36

12.  $\frac{11}{12} - \frac{1}{4} =$

13.  $2\frac{1}{3} - \frac{5}{6} =$

14. Write  $1\frac{1}{3}$  as an improper fraction.

15.  $5 = \frac{7}{7}$  of 20

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
$3\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{4}$	$2\frac{1}{3}$	$\frac{5}{6}$	$\frac{3}{4}$	$1\frac{1}{3}$	$\frac{1}{7}$	$2\frac{1}{2}$	$\frac{3}{10}$	$\frac{1}{3}$
<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
$\frac{4}{5}$	$\frac{2}{3}$	$\frac{2}{5}$	$\frac{3}{5}$	$\frac{6}{7}$	$\frac{4}{3}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$\frac{2}{7}$	$\frac{13}{15}$	$1\frac{2}{3}$	$\frac{13}{21}$	$\frac{5}{23}$

When is it bad luck to see a black cat?

- 1   2   3   4   5   6   7   8   9   10   11   12   13   14   15

- We use a lot of Gareth Metcalfe resources in school (I See reasoning), he is doing a problem a day with a video:

<http://www.iseemaths.com/lessons56/>

- White Rose maths also have home learning ideas with videos. Year 5 can be found at:

<https://whiterosemaths.com/homelearning/year-5/>

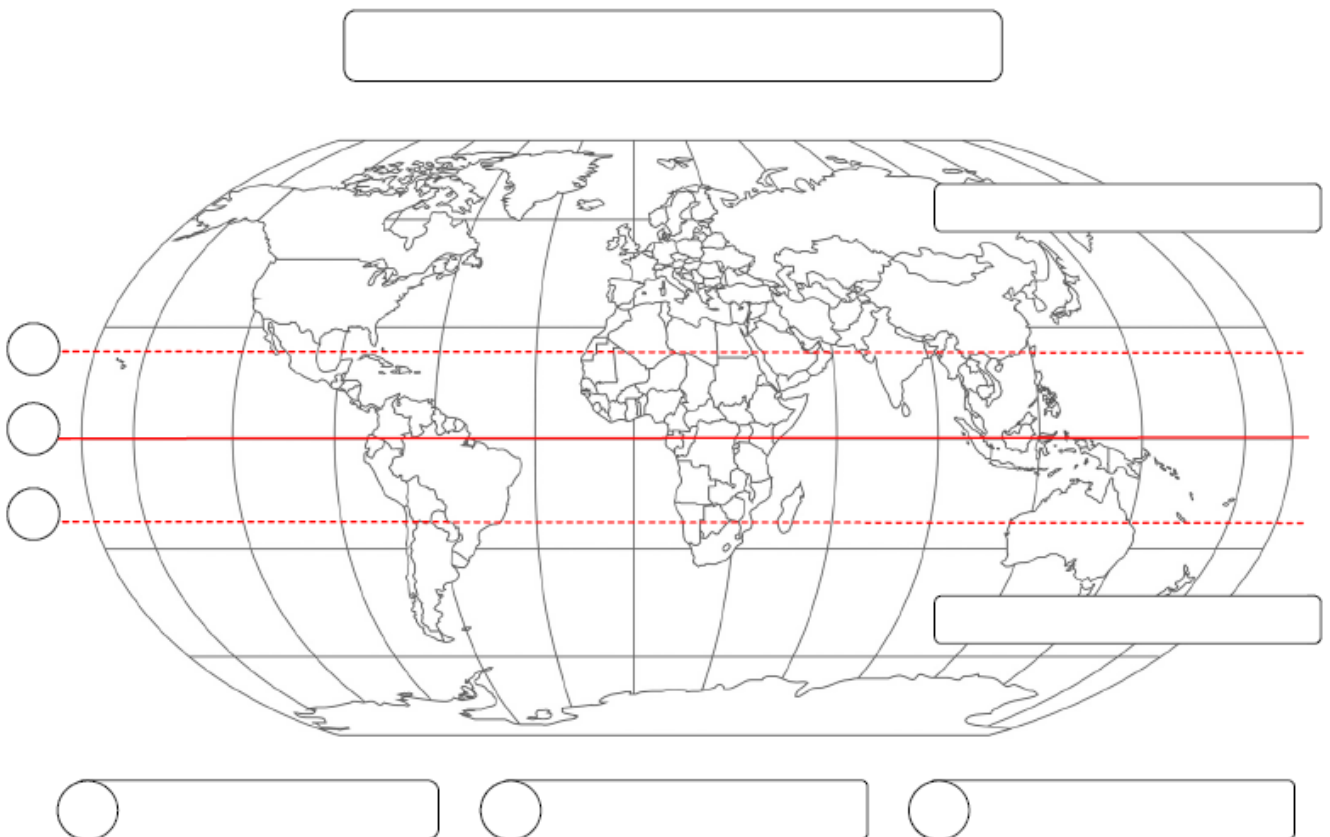
## Geography

Find out about the following and label on a world map:

- Latitude and longitude
- The equator
- The Northern and Southern Hemisphere
- The Tropics of Cancer and Capricorn
- The arctic and Antarctic Circle.

Feel free to extend this to telling me more about each of these areas or by adding other information such as countries you know to the map. I have included a map on the next page but you can use another one or complete this online.

This website has some useful information and facts: <https://www.worldatlas.com/aatlas/imagee.htm>



L1: To locate and identify the countries of North America and locate the main lines of latitude.