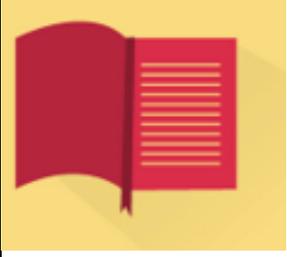




Thursday 28th May 2020

Home Learning – Year 6 - Week 6 – Thursday

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| <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 5 for the answers.</p> <p>6. Why do we experience summer around one side of the Sun? 7. In the Fact File section the author has written ‘approx.’, what is the reason for the full stop in this word? 8. In the ‘I’m Spinning Around’ section, the author writes: ‘You wouldn’t notice but the Earth’s spin is actually slowing down by 17 milliseconds per hundred years’ Why does the author say we wouldn’t notice? 9. Why do we need to add an extra day to our year every 4 years? 10. Which fact or piece of information has amazed you the most and why?</p> |
| <p>Writing</p>  | <p>Today, you will be focusing on using a variety of sentence openers in your writing. Click the link below to access the lesson.</p> <p>https://www.thenational.academy/year-6/english/instructions-lesson-4-sentence-openers-year-6-wk4-4</p> |
| <p>Maths</p>  | <p>Follow the link below to access the lesson. In today’s lesson, we will identify the properties of a circle, name the parts and find out about the relationships between the parts.</p> <p>https://www.thenational.academy/year-6/maths/coordinates-and-shapes-to-illustrate-and-name-parts-of-a-circle-year-6-wk5-4</p> |
| <p>Science</p>  | <p>Your task for today is to design and draw a poster that shows children what they need to do to be healthy.</p> <p>To get you started, watch this video about healthy living and read the information on the page. You can always do more research to help you with your poster.</p> <p>Go to page 4 to see an example poster</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) $800 \div 100$ 2) $792 - 10.23$ 3) $\frac{8}{5} + \frac{9}{5}$ 4) 349×57</p> <p>Spellings: observant, observance, tolerant, tolerance, hesitant, hesitancy, expectant, expectancy.</p> |

Planet Earth

Have you ever wondered why humans live on Earth and not the other planets in our Solar System? Well, Earth is the only planet in our solar system that has all the things we need to survive: 21% oxygen in the air to breathe, water to drink and all at just the right temperature warmed by the Sun. Scientists call this the 'Goldilocks Zone' because everything is 'just right'...not too hot, not too cold. Its name is derived from the Old English word 'ertha' and the Anglo-Saxon word 'erda' which means ground or soil.

The Blue Planet:

Earth, the third planet from the Sun, is referred to as 'The Blue Planet' because of how it looks from space. This is due to the fact that over $\frac{3}{5}$ of the Earth's surface is covered in oceans and seas.



Did you know?

Age: approx. 4.54 billion years

Diameter: 13,000 km

Distance to Sun: 150,000,000 km

Surface Temperature: 15°C

Highest point: Mount Everest 8.8 km

Lowest point: Challenger Deep 10.9 km below sea level

I'm Spinning Around:

The Earth spins on its axis once every 24 hours – that's what gives us day and night. You wouldn't notice but the Earth's spin is actually slowing down by 17 milliseconds per hundred years. Eventually this will lengthen our days but it will take around 140 million years before our day will have increased from 24 to 25 hours. I wonder if children 140 million years from now will have an extra hour at school.

Whilst it is spinning, the Earth is also orbiting the Sun, which takes 365 $\frac{1}{4}$ days to do one full circuit. This gives us the length of our years. Our seasons are also dependent on the orbit of the Earth as our planet is tilted at an angle. This means that around one side of the Sun we are tilted towards it – giving us warmer temperatures and longer days...our summer. However, around the other side of the Sun we are tilted away from it giving us less light and cooler temperatures – so this is our winter. All in all, it's a pretty amazing planet and I, for one, am glad to call it home.

Science

Reading Answers

6. Why do we experience summer around one side of the Sun?

The Earth is tilted towards The Sun

7. In the Fact File section the author has written 'approx.', what is the reason for the full stop in this word?

To abbreviate the word – full word: approximately

Discuss: why do this? Can you think of other examples?

8. In the 'I'm Spinning Around' section, the author writes:

'You wouldn't notice but the Earth's spin is actually slowing down by 17 milliseconds per hundred years'

Why does the author say we wouldn't notice?

Discuss: Because the decrease is happening so gradually/slowly

9. Why do we need to add an extra day to our year every 4 years?

Due to the fact we have an extra $\frac{1}{4}$ day every year we orbit The Sun

10. Which fact or piece of information has amazed you the most and why?

Open ended to discuss.