



Reading  
30 minutes

# Planet Earth

We all live on Earth...why? 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. Its name comes 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 – blue. This is due to the fact that over  $\frac{3}{4}$  of the Earth's surface is covered in water.



## Did you know?

Age: approximately 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 as we spin to face the Sun and then away from it again. 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 – this is our winter. All in all, it's a pretty amazing planet and I, for one, am glad to call it home.

1. What percentage of Oxygen is in the air we breathe?

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2. What is the highest thing on Earth?

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3. How long does it take the Earth to spin once on its axis?

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4. Will the Earth always spin at this speed? If not, how will it change?

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5. How many planets are between us and the Sun and can you name them?

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GPS warm-up  
10 minutes

1. **Tick** the sentence which is correct.

Determiners come after a noun.

Determiners come after adjectives.

Determiners come before a noun.

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2. **Underline** the **determiners** in these sentences.

Several angry members of the ministry held a meeting.

The witches gathered on their broomsticks.

Some wizards joined the witches.

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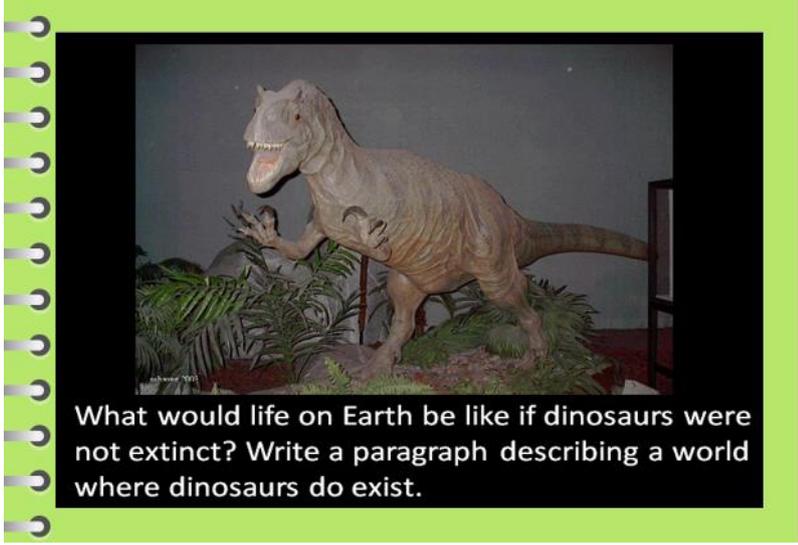
3. Write **two** sentences which use **definite articles** and **two** sentences which use **indefinite articles**

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

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

3. \_\_\_\_\_

4. \_\_\_\_\_

	<p><b>Spellings to learn:</b>  Please continue with the Year 3/4 words. Revisit words that you have forgotten or not yet learnt.  Try Look, cover, write, check. Also try the pyramid method where you add another letter each time.  Good luck.</p>
<p>Writing  30 minutes</p>	 <p>What would life on Earth be like if dinosaurs were not extinct? Write a paragraph describing a world where dinosaurs do exist.</p>
<p>Arithmetic  10 minutes</p>	<p><i>1000 more or less:</i>  <math>4365 - 1000 =</math>  <math>7863 - 1000 =</math>  <math>6502 + 1000 =</math>  <math>3490 + 1000 =</math>  <math>3598 - 1000 =</math>  <math>3303 + 1000 =</math>  <i>Good luck.</i></p>
<p>Maths  30 minutes</p>	<p><i>Click on the link below to access the week's lesson in maths. When you get to the page it will take you to week 4 w/c 11<sup>th</sup> May. There are 4 lesson to access after you have listened to the input there to support you.</i>  <i>If you cannot access the website the pdf files of questions and answers are included for each day. Give it your best shot guys.</i></p> <p><a href="https://whiterosemaths.com/homelearning/year-4/">https://whiterosemaths.com/homelearning/year-4/</a></p>
<p>Enquiry/Project work  30 minutes</p>	<p>An important subject these days is online safely. Many of us use social media or on line gaming to communicate with people but we must do this safely.  Think back to sessions we have done in school, including the Unique Voice drama activities.  There are important lessons to be learned so that we are safe when communicating for example, not giving out personal details about ourselves, not having photos on our profile that show our school uniform or logo etc.  If you are able to access power point or something that allows you to make a presentation, then please use it to create one about staying safe on line. If this is not available to you, don't worry. I would like you to create a poster delivering the same message.  Perhaps you could make a separate page for each point you want to make.  I will show your work to Sinead so she can choose some to put up around the school.</p>

**Answers for comprehension:**

1. What percentage of Oxygen is in the air we breathe?

**21%**

2. What is the highest thing on Earth?

**A mountain (the question asks 'what thing')**

3. How long does it take the Earth to spin once on its axis?

**24 hours/1 day**

4. Will the Earth always spin at this speed? If not, how will it change?

**No – it is slowing down**

5. How many planets are between us and the Sun and can you name them?

**2 (Mercury and Venus)**

**Arithmetic:**

3365

6863

7502

4490

2598

4303