

Answers

1. What percentage of the air we breathe is not Oxygen?
79%
2. What is the difference between the highest and lowest points on Earth?
19.7km (10.9 + 8.8)
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)
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.