

Tuesday 2nd March 2021

Science Home Learning

LO: To reflect on what you have learnt about the Earth and Space.

You have now completed the Earth and Space topic so today I would like you to reflect on what you have learnt.

Return to the mind map you completed in the first week of home learning (if you cannot find it, scroll down for another copy). Using a different coloured pen, add any new learning about the Earth, Moon and Sun. Looking back through the work you have produced since the start of term will help you remember all of the different things you have learnt about.

Next, complete the quiz (scroll down) to show what you have learned about the Earth, Sun and Moon. Choose the answer you think is correct, and circle or tick it.

Remember to share your work if you can. You have produced some super Science work since January. I would like to display your Science learning in the classroom when we return to school to share and celebrate what you have achieved at home. Please bring in any Science work you are proud of for me to display. If you completed the work on a computer, it would be great if you could print me a copy.

When we return to school next week, we will begin a new Science topic about forces. Follow this link to find out more about our new topic. Watch the clips and have a go at the short quiz. <https://www.bbc.co.uk/bitesize/articles/z22t7yc>

My Mindmap on Earth and Space

You will be showing me what you already know today, and at the end of our topic, we will look back at this mindmap and you will be able to see how much you have learned!



What do I know
about the Earth?



What do I know
about the Moon?



What do I know
about Space?



What do I know
about the Sun?



What would I like to
learn during this topic?

Earth, Sun and Moon Quiz

L.O.: To show what I learned about the Earth, Sun and Moon
Choose the answer you think is correct, and circle or tick it.

1. What shape are the Earth, Sun and Moon?

- Round and flat
- Cuboid
- Roughly spherical

5. How long does it take the Earth to turn once on its axis?

- 24 hours
- 12 hours
- 6 hours

2. Which is largest: the Earth, Sun or Moon?

- The Earth
- The Sun
- The Moon

6. Which part of the Earth is in daylight?

- The part facing the Sun
- The part facing away from the Sun
- The part facing the Moon

3. How long does it take the Earth to travel once around the Sun?

- 24 hours
- 28 days
- 12 months

7. Which of these is NOT true?

- The Sun rises in the east and sets in the west
- The Sun is highest in the sky at midday
- The Sun moves westwards around the Earth

4. How long does it take the Moon to travel once around the Earth?

- 24 hours
- 28 days
- 12 months

8. Why does the Moon seem to change shape?

- Because it gets bigger and smaller
- Because we only see the part of the Moon that is lit by the Sun
- Because sometimes it is cloudy

9. Imagine you were standing underneath a tree. When would the shadow of the tree be shortest?

At sunrise

At midday

At sunset

11. How many planets are there in our solar system?

9

8

10

10. Why, in some parts of the world, are the days longer in the summer than in the winter?

Because the Earth is tilted as it moves around the Sun

Because the Sun gets brighter in the summer

Because the Earth spins more slowly in the summer

BONUS: Can you name them?

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