

Questions

1. Which of these are true facts about oceans? Tick **two**.

- Oceans cover two thirds of the Earth's surface.
- The five oceans are all separate.
- The Atlantic Ocean is the deepest ocean.
- Oceans are made of five distinct layers.

2. Which of these is another name for the Mesopelagic Zone? Tick **one**.

- Sunlight Zone
- Twilight Zone
- Midnight Zone
- Abyss

3. Due to the **absence** of plants growing within this layer...

What does **absence** mean?

4. What is the depth of the Abyss?

5. **Find** and **copy** a word from the text which shows that creatures found in the Trenches are one of a kind.

6. In your own words, explain why the Midnight Zone was given that name.

7. Summarise what you have read about the Epipelagic Zone in 40 words or less.

8. Why do you think that the creatures in the Abyss are usually blind?

9. Why do plants not grow in the Twilight Zone?

10. Why is it important to protect the oceans for future generations? Give evidence to support your answer.

Answers

- Which of these are true facts about oceans? Tick **two**.
 - Oceans cover two thirds of the Earth's surface.**
 - The five oceans are all separate.
 - The Atlantic Ocean is the deepest ocean.
 - Oceans are made of five distinct layers.**
- Which of these is another name for the Mesopelagic Zone? Tick **one**.
 - Sunlight Zone
 - Twilight Zone**
 - Midnight Zone
 - Abyss
- Due to the absence of plants growing within this layer...
What does absence mean?
Absence means non-existence or lack of.
- What is the depth of the Abyss?
The Abyss is up to 6000m below the surface of the ocean.
- Find** and **copy** a word from the text which shows that creatures found in the Trenches are one of a kind.
unique
- In your own words, explain why the Midnight Zone was given that name.
Pupils' own responses, such as: The Midnight Zone was given that name because it is (almost) totally dark as it would be at midnight due to a total lack of sunlight.
- Summarise what you have read about the Epipelagic Zone in 40 words or less.
Pupils' own responses, such as: From the surface to 200m below there is plenty of light and heat (which decrease with depth) so much life in this layer; humans also use this layer for leisure activities and travel.
- Why do you think that the creatures in the Abyss are usually blind?
Pupils' own responses, such as: There is no light at all in this layer so even if creatures had eyes, it would be impossible to see.

9. Why do plants not grow in the Twilight Zone?

Pupils' own responses, such as: Only faint rays of sunlight penetrate the Twilight Zone and as plants need sunlight to grow, they will be unable to do so within this layer.

10. Why is it important to protect the oceans for future generations? Give evidence to support your answer.

Pupils' own responses, such as: It is important to protect the oceans for future generations because they make up two thirds of our Earth and contain myriad plants and animals (some of which are yet to be discovered!). Humans also enjoy using the oceans for pleasure and to make travel easier.