

Sustainability: Protecting Our Planet with Finn

Learning objective: To understand the importance of sustainability and identify ways to reduce our environmental impact in daily life.

Read each question carefully and use your knowledge of geography and sustainability to provide detailed answers. Remember to think about how our actions today affect the future of our planet.

Finn the dolphin has been exploring the world's oceans and noticed that some habitats are changing because of how humans use resources. Sustainability means living in a way that meets our needs today without stopping future generations from meeting theirs. By making small changes, we can protect our Earth's natural beauty and ensure that resources like water, forests, and energy are available for a long time to come.

Word bank: Sustainability · Renewable · Carbon footprint · Conservation · Recycle · Biodiversity · Resource

1. Finn explains that sustainability is about 'meeting our needs without compromising the future.' In your own words, why is it important for us to use resources like water and electricity carefully? (2 marks)

2. List two examples of renewable energy sources and explain why they are considered more sustainable than burning fossil fuels. (2 marks)

3. Imagine your school wants to become more sustainable. Suggest two practical actions the students could take to reduce waste in the canteen or the playground. (2 marks)

4. If a reusable water bottle costs £5.00 and a single-use plastic bottle costs £0.50, calculate how much money a student would spend in 10 days if they bought one plastic bottle every day. Based on this, why is the reusable bottle a better choice for both the planet and your pocket? (3 marks)

5. What is meant by the term 'biodiversity' and how does destroying a forest affect the animals that live there? (2 marks)

Draw: Draw a 'Sustainable Future' poster. Show a town that uses wind turbines, solar panels, and plenty of green spaces for plants and animals. Include Finn the dolphin swimming in a clean, nearby river.



Extension challenge: Research the 'Three Rs': Reduce, Reuse, and Recycle. Create a table for your home listing five items you currently throw away and suggest one way you could either reduce, reuse, or recycle each of them instead.