

Finn's Sustainable Ocean Challenge

Learning objective: To understand the importance of sustainability by identifying actions that protect our planet's resources and reduce environmental impact.

Finn the Dolphin is worried about the health of our oceans. Below are a series of scenarios involving daily choices. Read each scenario and decide if the action is 'Sustainable' (supports the environment for the future) or 'Unsustainable' (uses resources too quickly or causes harm). For each choice, justify your reasoning using geographical vocabulary.

Word bank: sustainability · renewable · non-renewable · conservation · pollution · biodiversity · carbon footprint · resource management

1. Finn sees a family buying fruit wrapped in four layers of plastic. Explain why this might be considered unsustainable and suggest a more sustainable alternative. (3 marks)

2. A local shop decides to replace their plastic carrier bags with reusable fabric bags. Justify why this change helps protect marine life. (3 marks)

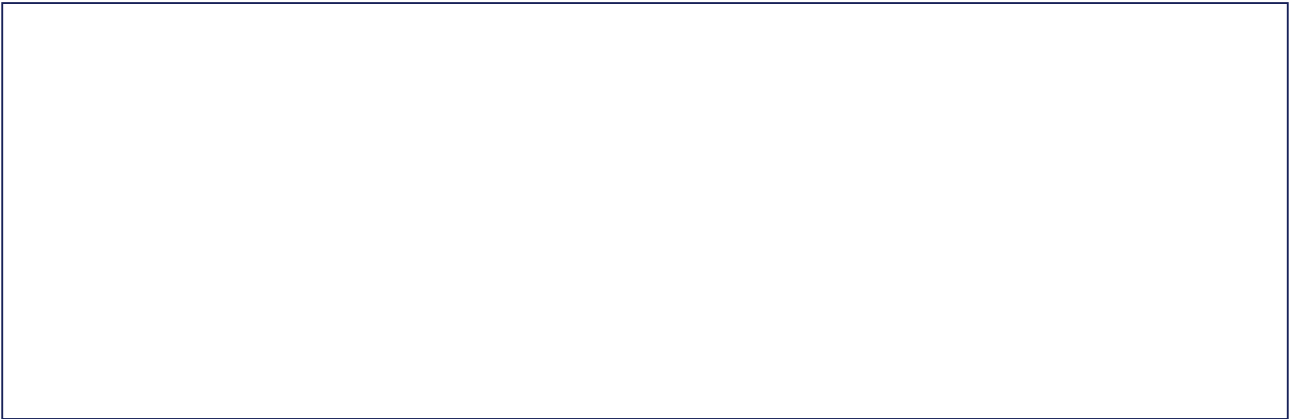
3. Compare and contrast the impact of travelling to school by car versus walking or cycling. Which choice has a lower carbon footprint? (3 marks)

4. What might happen to the biodiversity of a coral reef if human waste and plastic pollution continue to increase? Explain your reasoning. (3 marks)

5. If a town decided to use wind energy instead of coal to power their street lights, how would this improve the sustainability of the area? (3 marks)

6. A school wants to start a 'Zero Waste' lunch campaign. List three practical actions students could take to reduce the amount of waste they produce each day. (3 marks)

Draw: Draw a 'Sustainable Future' scene. Include at least three features that help the planet, such as solar panels, a community vegetable garden, or a plastic-free ocean zone.



Extension challenge: Design a poster for your school canteen that persuades students to make one sustainable change. Use persuasive language and explain the positive impact this change will have on the environment in the long term.