

Grade 4 Geography Assessment: Our Sustainable Future

Learning objective: To understand the importance of sustainability, the impact of human activity on the environment, and how we can manage resources for future generations.

Read each question carefully. Use the word bank to help you with your answers. Ensure your explanations are clear and use geographical vocabulary.

Finn the dolphin has been mapping the oceans and has noticed that some areas are changing. Meanwhile, Nova the owl has been observing the local woodland. They have both realized that the way humans use energy and materials today affects the world that will be left for everyone tomorrow. Sustainability means meeting our own needs without making it impossible for future generations to meet theirs.

Word bank: Sustainability · Renewable · Non-renewable · Carbon footprint · Conservation · Biodiversity · Recycle

1. Define the term 'sustainability' in your own words. Why is it important for the planet? (2 marks)

2. Give two examples of renewable energy sources and explain why they are considered more sustainable than fossil fuels. (3 marks)

3. Max the monkey is trying to reduce his 'carbon footprint'. Suggest two changes he could make to his daily routine to help the environment. (2 marks)

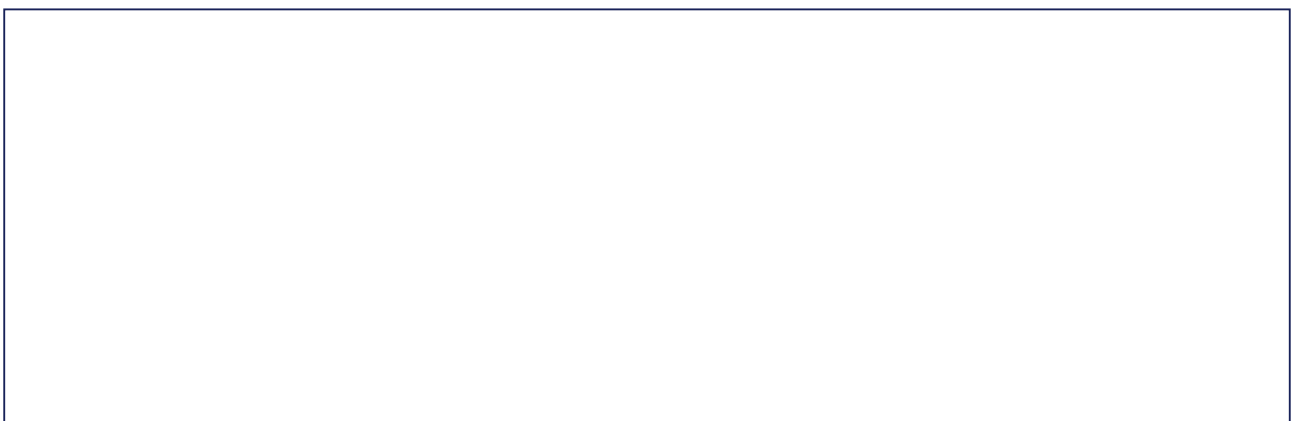
4. Explain the difference between a renewable and a non-renewable resource. Provide one example for each. (4 marks)

5. How does the act of recycling help to conserve natural resources? Give a detailed example. (4 marks)

6. Finn the dolphin has noticed a decline in sea life due to plastic pollution. Describe three ways individuals and communities can work together to protect marine biodiversity. (5 marks)

7. Evaluate the impact of shopping locally for food versus importing food from across the world. Which is more sustainable and why? (5 marks)

Draw: Draw a 'Sustainable City of the Future'. Include at least three features that help the environment, such as wind turbines, green roofs, or public transport systems.



Extension challenge: Total: /25. Research one local conservation project in your area. Write a short paragraph explaining how this project contributes to a more sustainable future for your town.