Designing a Sustainable Future with Finn the Dolphin

Learning objective: To understand how we can protect our planet by designing a sustainable community that uses renewable energy and reduces waste.

Finn the Dolphin has been exploring the coast and wants your help to design a 'Green Village' that is kind to the Earth. Use the word bank to label your drawing and show how your village uses natural resources wisely.

Draw: Draw a bird's-eye view of a small, eco-friendly village. The style should be clear and colourful, like a technical map or a bright poster. Include a school, some houses, and a river. Use your imagination to place the solar panels on the roofs and the wind turbine on a hill. Add plenty of trees and a vegetable garden. Make sure to label your items using the word bank provided.

Label words: Solar panels · Wind turbine · Recycling centre · Vegetable garden · Electric bus · Rainwater collector

Steps:

1. Why is it important for a village to have a 'recycling centre'? Explain your answer.
2. What is one way that 'solar panels' help the environment compared to burning fossil fuels?
3. Label your drawing to show where the wind turbine is placed to catch the most breeze.
4. Draw an 'electric bus' in your scene. Why is an electric bus better for the air quality than a petrol bus?

5. List two items that could be grown in your 'vegetable garden' to help people live sustainably.