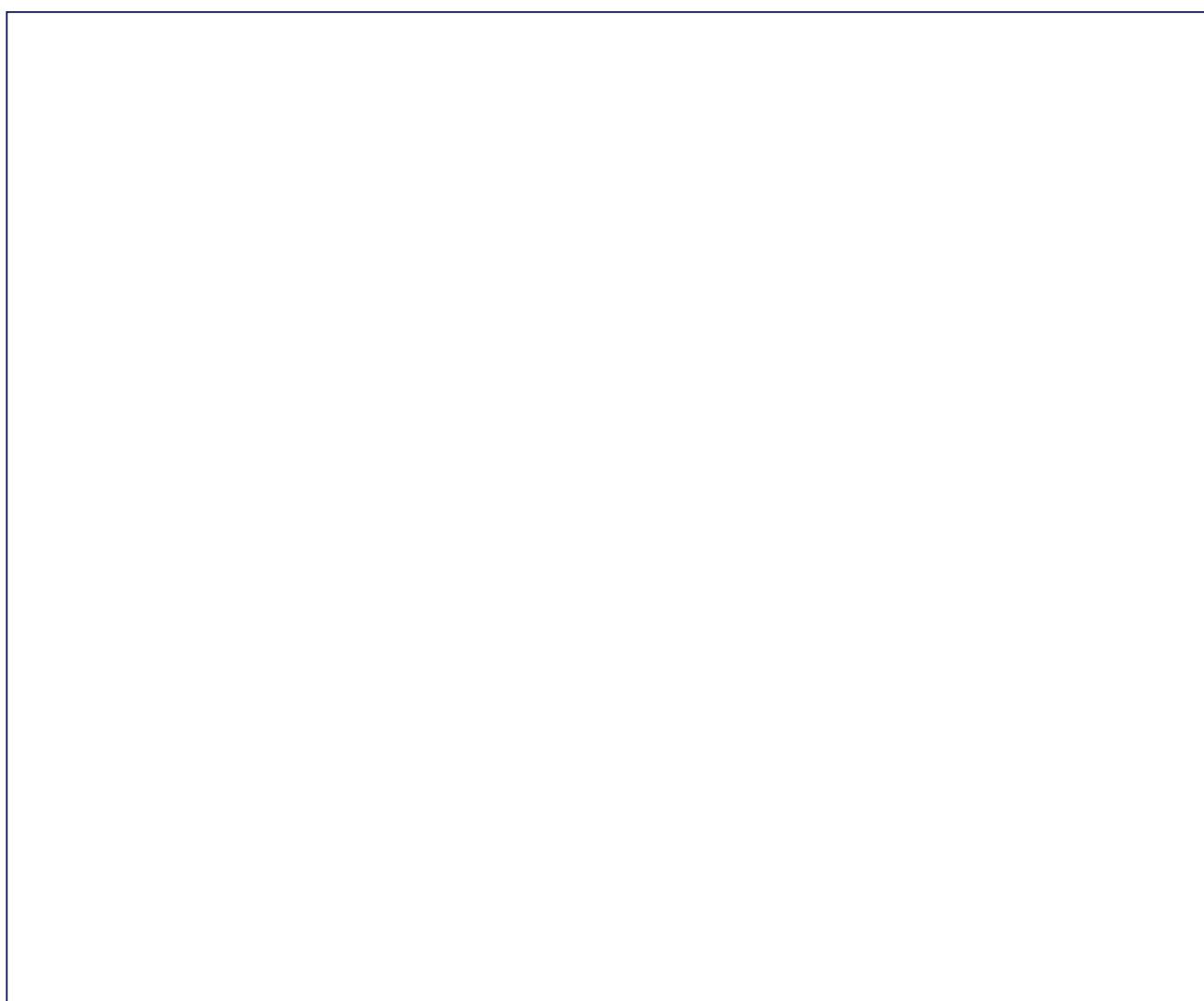


Designing a Sustainable Village

Learning objective: To understand and apply the concept of sustainability by designing a community that protects the environment for the future.

Finn the dolphin has found a beautiful, empty island! He wants to help a group of people build a village there, but it must be sustainable. This means the village must provide everything people need without damaging the planet or using up all the natural resources. Use the drawing space to design Finn's Sustainable Village, then label your features using the word bank.

Draw: Create a bird's-eye view map of a small village on an island. Include a variety of sustainable features such as green energy sources, eco-friendly transport, and nature-friendly spaces. Ensure there is a balance between the buildings and the natural landscape.



Label words: Solar Panels · Wind Turbine · Compost Bin · Rainwater Butt · Vegetable Garden · Cycle Path · Recycling Point · Wildflower Meadow

Steps:

1. Step 1: Draw a way to get clean energy from the sun or wind. Label it.
2. Step 2: Draw a place where the villagers grow their own organic food. Label it.
3. Step 3: Draw a system to collect and reuse water for the gardens. Label it.

4. Step 4: Draw a way for people to move around the village without using a petrol car. Label it.
5. Step 5: Draw a system for managing waste so it doesn't end up in landfill. Label it.
6. Explain why using solar panels is more sustainable than burning coal for electricity.
7. How does growing food in a local village garden help the environment compared to buying food flown in from another country?