

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**What's  
Next?**

# WORKSHEET THREE

## BUILD GREEN, LIVE CLEAN

Sustainable building is all about using eco-friendly materials and smart designs to create homes that use less energy and do not harm the environment. Test your knowledge about this below!

### Part 1: Multiple Choice Questions

Choose the correct answer(s) for each question.

What are the goals of sustainable building?

- a) To create houses that are cheap to run
- b) To reduce waste and greenhouse gas production
- c) To build homes quickly

What does the term "carbon footprint" refer to?

- a) The amount of carbon dioxide emissions produced by a person or activity
- b) The size of a building
- c) The weight of materials used in construction

Which building material is NOT considered very eco-friendly?

- a) Wood
- b) Steel
- c) Bricks made from sugar cane pulp

### Part 2: Matching

Match the sustainable building material with its description.

Cob	Made from stuffed plastic bottles
Straw bale	Natural material made from clay and straw
Bottle bricks	Reduces the need for new steel
Recycled steel	Lightweight, natural insulation used for walls

Teaching materials written by Claire Romito

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### Part 3: Cloze Sentences

Fill in the blanks with the correct words from the word bank.

**Word Bank:** energy, solar panels, insulation, eco-friendly, renewable

\_\_\_\_\_ are devices that capture energy from the sun and convert it into electricity.

Good \_\_\_\_\_ helps keep homes warm in winter and cool in summer, reducing the need for heating and cooling.

Using \_\_\_\_\_ materials helps to protect the environment during building.

\_\_\_\_\_ energy sources, like wind and solar, can be used to power homes without harming the planet.

### Part 4: Reflection

Think about what you learned about eco-friendly homes and building.

Write a few sentences on how you can help promote eco-friendly living in your community.

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