

NAME _____

DATE _____



WORKSHEET TWO

ECO - FRIENDLY

BUILDING

CHALLENGE

Many homes are built with materials like concrete, and steel. Making these materials produces a lot of carbon dioxide (CO₂), which is a greenhouse gas that contributes to climate change. To help the planet, we need to choose building materials with a smaller carbon footprint.

In this episode we saw some exciting solutions for clean building materials! For example, bricks that were made from the waste produced during sugar manufacturing, and cob houses which use eco-friendly materials like straw, clay, and soil. We need more inventions like these!

Can You Help?

Can you come up with a creative and exciting solution for building homes that doesn't rely on too much concrete or steel?

An Idea to Inspire You:

Bottle Bricks – People have invented a way to create bricks by stuffing plastic bottles with waste, like plastic bags and wrappers which are hard to recycle. They use these bricks to build furniture and even entire houses!

Teaching materials written by Claire Romito



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Your Challenge: Create your own idea for an eco-friendly building!

Draw your idea here:



Describe your idea here



All 6 episodes of What's Next?
are available to stream on RTE Player
<https://www.rte.ie/player/kids>

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H O P S K I P
STUDIOS



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