

December Activity Guide: “How Do We Stay Warm?”

Solving everyday problems while protecting the planet.

5-10 minutes

Activity Prompt

Ask students or participants: “When it’s cold outside, how do buildings stay warm inside?” Show or reference the December EARTH Man comic, then guide a short discussion.

Potential Discussion Questions

- Where does heat come from in a building during winter?
- What happens if heat escapes?
- What could engineers do to keep warmth *inside*?
- How might wasting heat affect the environment?

Hands-On Option

Ask participants to draw or describe one idea that would help a building stay warm

- Thicker walls
- Better windows
- Smart thermostats
- New materials
- Have them explain *why* their idea would help

Audience tips

- Younger students: Draw a “warm building” vs. a “cold building”
- Older students: Identify one way their school or home could save energy in winter

