



TeachEngineering

STEM Curriculum for K-12

TEST & IMPROVE: MAKING TALL & STRONG RECYCLED TOWERS



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Recycled Towers



A World Full of Trash

- Lots of things that could be reused end up in landfills
 - Metals
 - Cans
 - Plastics
 - Paper
 - Glass



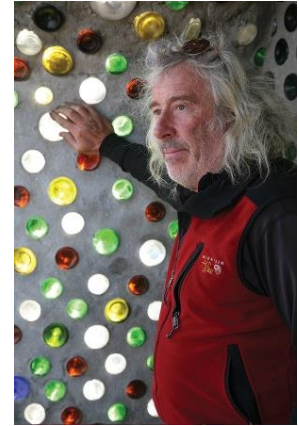
Recycled Material Products



Recycled Buildings



Recycled Buildings



Today's Project

- **Goal:** Build a tower using recycled materials
- **Materials:** Newspaper, plastic bottles, yogurt cups, cans, string, tape and scissors
- **Requirements:** Tower must be 3 feet tall and be able to hold a tennis ball on the top. Tower must be built on a cardboard base.
- **Test:** Tower should be built to survive a wind and earthquake test!