

Creating the Future



Bridging the Gap

Engineers figure out the best way to use available materials.

Place 2 stacks of books of equal height 6 inches apart.

Make a bridge by putting a flat sheet of paper across the books.

Put some pennies on the bridge. How many pennies will the bridge support before it falls down?

Now change the shape of the building material and test the bridge again. *Hint: roll, fold, or crumple the paper.*

Will it support more pennies? Make a prediction.

You're an engineer!

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