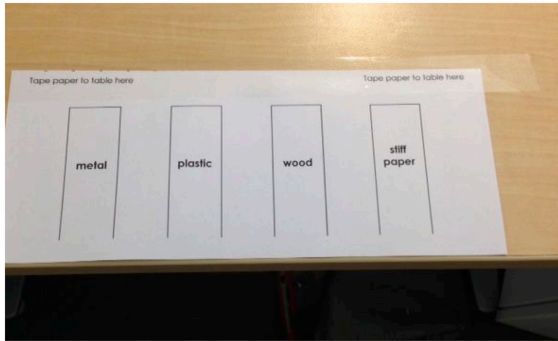
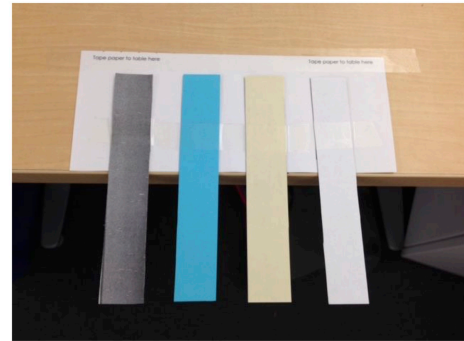


Properties of Materials: An experiment to test strength and flexibility



1. Tape the edge of the paper securely lined up to the table's edge.



2. Tape each material securely in its space so that half of the material is hanging over the edge.

3. Place pennies, one at a time, on the end of one material. Observe carefully to watch for the moment when the material bends. When that happens, count the pennies and put an **x** in that many boxes next to that material.

4. Repeat for each material, recording how many pennies each material holds until it bends.

5. Continue adding up to 10 pennies to each remaining material and recording results.

Tape paper to table here

Tape paper to table here

metal

plastic

wood

**stiff
paper**