



Engineers: \_\_\_\_\_

Date: \_\_\_\_\_

## Exploring Materials

Material	Strengths	Weaknesses

If you were to build the walls of a model house out of one of these materials what would it be? Explain.

---

---

---

**Sketch Your Design and Label Each Material**

---

**Materials List (with amount)**

## Materials that are Available:

- tape (duck, masking, scotch)
- string
- straws (paper or plastic)
- tooth picks
- Popsicle sticks
- glue
- spaghetti
- pipe cleaners
- cardboard
- paperclips
- paper
- foam core (poster board)
- wooden dowels
- plastic utensils
- coffee filters
- yarn
- q-tips
- paper cups
- plastic cups
- styrofoam cups
- felt fabric
- cotton balls
- scissors