# Materials Testing Sheet

**Test #1: Which material is best for soaking up water?**

Record or sketch a picture to represent how much water each type of material absorbed.

<table>
<thead>
<tr>
<th>Sponge</th>
<th>Paper Towel</th>
<th>Wax Paper</th>
<th>Piece of Material</th>
</tr>
</thead>
</table>

What does absorbent mean?

**Test #2: Which material is the most flexible?**

What do you think flexible means?

After using each type of material to make a pretzel shape, sketch the outcome of each – try to describe how well each material worked.

<table>
<thead>
<tr>
<th>Yarn/Twine</th>
<th>Pipe Cleaner</th>
<th>Shoestring Licorice</th>
<th>Straw</th>
</tr>
</thead>
</table>


Test #2: Which material is the most abrasive?
What do you think will happen when a rough material is rubbed against a painted card?

Sketch what happened to the card when each material was used.

<table>
<thead>
<tr>
<th>Scouring Pad</th>
<th>Sand Paper</th>
<th>Cotton Ball</th>
</tr>
</thead>
</table>

Describe what you sketched.

I think the following material is best for...... Support your claim with evidence from your tests.

- Being absorbent: ______________________________ because

- Being flexible _______________________________ because

- Being abrasive ______________________________ because