

# MAKER JOURNAL

Name: \_\_\_\_\_

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

*How will you test each material for strength, durability, flexibility, and whether or not it can be modified?*

Test for Strength	Test for Durability
<ul style="list-style-type: none"> <li><i>With 2 people holding the edges, can it hold up 3 dictionaries?</i></li> </ul>	
Test for Flexibility	Can it be changed/modified?

*Test different materials and record your findings below.*

<b>Material</b>	<i>Stretchy fabric</i>
<b>Strength</b>	<i>It held up 5 dictionaries</i>
<b>Durability</b>	<i>It can get wet, and snags when rubbed on the floor for 1 minute</i>
<b>Flexibility</b>	<i>It doesn't change when bent, rolled, or tied up</i>
<b>Modification</b>	<i>It can be cut with scissors. Tape and school glue do not work with this.</i>
<b>Material</b>	
<b>Strength</b>	
<b>Durability</b>	
<b>Flexibility</b>	
<b>Modification</b>	

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<b>Material</b>	
<b>Strength</b>	
<b>Durability</b>	
<b>Flexibility</b>	
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<b>Modification</b>	

*Make a plan for the materials you will use to build a carrying case, and how much of each you will need.*

**Draw and label or list your materials.**

**Draw and label or list the tools you will need.**