Foldable
Matter: Properties and Changes

1. Follow your teacher’s directions to make a 4-door shutter fold foldable out of a full sheet of printer paper.
2. Add the following content to your foldable:

**Outside/front details:**
- 1st flap (upper left corner) – write Physical Properties
- 2nd flap (upper right corner) – write Chemical Properties
- 3rd flap (lower left corner) – write Physical Changes
- 4th flap (lower right corner) – write Chemical Changes
- center of foldable – write Matter

**Inside flap details:**
Use the online resources listed below to complete the inside flaps of the foldable. Your notes should address the following:

<table>
<thead>
<tr>
<th>Inside Flap</th>
<th>Inside Center</th>
<th>Inside Center</th>
<th>Inside Flap</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. define the following words:</td>
<td>1. definition of physical property</td>
<td>1. definition of chemical property</td>
<td>Use this flap if needed to complete the information from the Inside Center section.</td>
</tr>
<tr>
<td>1. luster</td>
<td>2. definitions of intensive and extensive physical properties</td>
<td>2. examples of chemical properties</td>
<td></td>
</tr>
<tr>
<td>2. malleability</td>
<td>3. examples of each (10 IPP and 4 EPP)</td>
<td>3. describe each example of a chemical property</td>
<td></td>
</tr>
<tr>
<td>3. ductility</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. conductivity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. hardness</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inside Flap</th>
<th>Inside Center</th>
<th>Inside Center</th>
<th>Inside Flap</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. list examples of physical changes (6 total)</td>
<td>1. definition of physical change</td>
<td>1. definition of chemical change</td>
<td>3. list examples of chemical changes (10 total)</td>
</tr>
<tr>
<td></td>
<td>2. examples of common physical changes (5 total)</td>
<td>2. list and describe common indicators of chemical changes (5 total)</td>
<td></td>
</tr>
</tbody>
</table>