Wringing Out a Wet Washcloth Lab

**Directions:** This lab will have two parts. The first part will be conducted here on Earth, while the second part will be conducted on the International Space Station. For each part you will be responsible for recording at least three qualitative observations.

**Part 1 – Wringing Out a Wet Washcloth on Earth**

**Materials:**
- Plastic bin
- Beaker
- Washcloth
- Water

**Procedure:**
1. Take your materials out of the plastic bin.
2. Carefully pour 300mL of water into the glass beaker.
3. Place the washcloth in the beaker with the 300mL of water making sure that the washcloth is able to absorb as much water as possible.
4. Carefully lift the washcloth out of the water, holding it over the beaker until any excess water drips off.
5. Slowly, and carefully, move the washcloth over to the plastic bin. Then over the plastic bin, begin to wring out the washcloth.
6. Record at least three qualitative observations about what you notice during steps 4 and 5.
7. Clean up your station: pour all water down the drain, put all materials back in your bin and place the bin on the back table.

**Observations:**
1. _____________________________________________________________
   _____________________________________________________________
   _____________________________________________________________
2. _____________________________________________________________
   _____________________________________________________________
   _____________________________________________________________
3. _____________________________________________________________
   _____________________________________________________________
   _____________________________________________________________
Part 2 – Wringing Out a Wet Washcloth in Space

Materials:
- NASA Washcloth
- Water

Procedure:
1. Watch the video of the experiment being conducted on the International Space Station.
2. Record at least three qualitative observations about what you notice during the experiment. (Think about: Are there any similarities or differences when comparing this experiment to the experiment we just performed?)

Observations:

1. ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________

2. ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________

3. ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________

Additional Notes:
   ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________
## Compare and Contrast Graphic Organizer

<table>
<thead>
<tr>
<th>Wringing Out a Wet Washcloth on Earth</th>
<th>Wringing Out a Wet Washcloth in Space</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>How are they alike?</strong></td>
<td></td>
</tr>
<tr>
<td>____________________________________</td>
<td></td>
</tr>
<tr>
<td>____________________________________</td>
<td></td>
</tr>
<tr>
<td>____________________________________</td>
<td></td>
</tr>
<tr>
<td>____________________________________</td>
<td></td>
</tr>
<tr>
<td>____________________________________</td>
<td></td>
</tr>
</tbody>
</table>

| **How are they different?**          |                                       |
| ____________________________________ |                                       |
| ____________________________________ |                                       |
| ____________________________________ |                                       |
| ____________________________________ |                                       |
| ____________________________________ |                                       |
| ____________________________________ |                                       |
| ____________________________________ |                                       |
| ____________________________________ |                                       |