2nd Grade: Lesson 4.1
Activity Sheet
Float and Sink

Name: ___________________
Date: ___________________

Safety: Wear safety goggles, and be sure to follow all safety instructions given by your teacher. Wash your hands after completing the activity.

ACTIVITY

Question to investigate:
Do certain materials sink or float in water?

Materials
- Container with water
- Pencil
- Popsicle stick
- Birthday candle
- Crayon
- Penny
- Paper clip
- Eraser
- Rubber band

Procedure
1. Predict whether each object will sink or float when placed in water. Circle your choice for each object in the chart.
2. Place each object in the water one at a time to see if it sinks or floats. Circle the result for each object in the chart.

<table>
<thead>
<tr>
<th>Object</th>
<th>Prediction (Circle)</th>
<th>Actual (Circle)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crayon</td>
<td>Sink</td>
<td>Float</td>
</tr>
<tr>
<td>Popsicle stick</td>
<td>Sink</td>
<td>Float</td>
</tr>
<tr>
<td>Birthday candle</td>
<td>Sink</td>
<td>Float</td>
</tr>
<tr>
<td>Eraser</td>
<td>Sink</td>
<td>Float</td>
</tr>
<tr>
<td>Penny</td>
<td>Sink</td>
<td>Float</td>
</tr>
<tr>
<td>Paper clip</td>
<td>Sink</td>
<td>Float</td>
</tr>
<tr>
<td>Pencil</td>
<td>Sink</td>
<td>Float</td>
</tr>
<tr>
<td>Rubber band</td>
<td>Sink</td>
<td>Float</td>
</tr>
</tbody>
</table>
1. Which objects are made from what material?

   Which objects are made from metal?
   ___________ and ___________

   Which objects are made from rubber?
   ___________ and ___________

   Which objects are made from wax?
   ___________ and ___________

   Which objects are made from wood?
   ___________ and ___________

2. Which materials sink or float in water?

   We discovered that a characteristic of metal is that it ________________.
   (Sinks/Floats)

   We discovered that a characteristic of rubber is that it ________________.
   (Sinks/Floats)

   We discovered that a characteristic of wax is that it ________________.
   (Sinks/Floats)

   We discovered that a characteristic of wood is that it ________________.
   (Sinks/Floats)