Lesson 4.1
Activity Sheet
Float and Sink

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

Materials
• Pencil
• Popsicle stick
• Birthday candle
• Crayon
• Penny
• Paper clip
• Eraser
• Rubber band

Procedure
1. Use the Activity Sheet to say whether you think each object will sink or float.
2. Place the objects in the water one at a time to see if they sink or float. Write down your results on the Activity Sheet.

Answers may vary, particularly with the crayon.

<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?

- Paper clip and Penny

Which objects are made from rubber?

- Eraser and Rubber Band

Which objects are made from wax?

- Crayon and Birthday candle

Which objects are made from wood?

- Popsicle stick and Pencil

2. Which material sinks or floats?

We discovered that a characteristic of metal is that it

- Sinks

(Sinks/floats)

We discovered that a characteristic of rubber is that it

- Sinks

(Sinks/floats)

We discovered that a characteristic of wax is that it

- Floats

(Sinks/floats)

We discovered that a characteristic of wood is that it

- Floats

(Sinks/floats)