# Materials Checklist

<table>
<thead>
<tr>
<th>Shipped</th>
<th>Returned</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>For Each Group (1-2 students)</strong></td>
<td><strong>For Each Group (1-2 students)</strong></td>
</tr>
<tr>
<td>___ 3-4 plastic pipettes</td>
<td>___ 3-4 plastic pipettes</td>
</tr>
<tr>
<td>___ 0.5 yd of copper wire</td>
<td>___ 0.5 yd of copper wire</td>
</tr>
<tr>
<td>___ 1 Petri dish</td>
<td>___ 1 Petri dish</td>
</tr>
<tr>
<td>___ 30 ml saturated Na$_2$SO$_4$ solution (pre-mixed with bromothymol blue)</td>
<td>___ 30 ml saturated Na$_2$SO$_4$ solution (pre-mixed with bromothymol blue)</td>
</tr>
<tr>
<td>___ 3-4 Pieces of graphite</td>
<td>___ 3-4 Pieces of graphite</td>
</tr>
<tr>
<td>___ 1 Battery (6V or 9V)</td>
<td>___ 1 Battery (6V or 9V)</td>
</tr>
<tr>
<td>___ 1 multimeter**</td>
<td>___ 1 multimeter**</td>
</tr>
<tr>
<td>___ 2 alligator clip connection wires</td>
<td>___ 2 alligator clip connection wires</td>
</tr>
<tr>
<td>___ 1 straight pin</td>
<td>___ 1 straight pin</td>
</tr>
<tr>
<td>___ 1 piece of parafilm</td>
<td>___ 1 piece of parafilm</td>
</tr>
</tbody>
</table>

**For Teacher**

___ Fuel Cell demo kit

**Teacher Will Need to Provide**

*Safety Goggles*

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**NOTE:** The Lending Library does not have enough safety goggles to ship out with this kit. Please provide each student with a pair of safety goggles for this activity.

**Please check that multimeters are turned off**

**PLEASE RETURN ANY UNUSED MATERIALS.**

These materials may not be reusable after the activity, but please return any that are. Please clean all graduated cylinders, beakers, etc. and other soiled materials before returning kit*