Task #7 – Simple Machines Hunt
Summative

Standards:

Identify and model simple machines in students’ current context.

Use observed evidence to construct or support a scientific explanation.

Explain how the six simple machines function.

Task:

Time to be a simple machines detective!

Take a digital camera around the building and take photos of everyday objects that use simple machines. After uploading your pictures to the computer and watching a tutorial of Windows Live Movie Maker, create a 30-seconds or less video showing your examples and explaining why the example is a specific type of simple machine. (For example, a toilet paper roll is a wheel and axle because it spins around a central point (the axle) that allows the roll to turn.)
# Task #7 – Simple Machines Hunt
## Summative

**Rubric:**

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Multiplier</th>
<th>Private Eye (5 points)</th>
<th>Investigator (3 points)</th>
<th>Gumshoe (0 points)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Strength of examples</strong></td>
<td>x 2</td>
<td>The objects photographed all are clear examples of specific simple machines.</td>
<td>Some of the objects photographed are clear examples of specific simple machines.</td>
<td>None of the objects photographed are examples of simple machines.</td>
</tr>
<tr>
<td><strong>Strength of support of example</strong></td>
<td>x 3</td>
<td>Student can name traits of different simple machines and use them to describe their photos.</td>
<td>Student can name traits of different simple machines and can sometimes use them to describe their photos.</td>
<td>Student cannot identify simple machines OR Student can name traits of different simple machines but cannot use them to describe their photos</td>
</tr>
<tr>
<td><strong>Technical Quality</strong></td>
<td>x 1</td>
<td>Video is 30 seconds or less, shows information clearly, and is interesting to the audience.</td>
<td>Video is missing one quality from “Private Eye” column.</td>
<td>Video is missing two or more qualities from “Private Eye” column.</td>
</tr>
</tbody>
</table>