Pressure Applications

Today you will continue your work on your pressure applications research task. We will quickly review the criteria for this task, and then you will have the remainder of the class to work on it. By the end of this period, you should have your presentation ready. If not, it is homework. There will be no time to work on this during the last period, we will start presentations right away.

Timeline:

<table>
<thead>
<tr>
<th>Last Class</th>
<th>Choose a technology ✓</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Research your chosen technology ✓</td>
</tr>
<tr>
<td>Today</td>
<td>Finish research</td>
</tr>
<tr>
<td></td>
<td>Prepare a presentation using Google slides</td>
</tr>
<tr>
<td>3 Periods from now</td>
<td>Present your presentation to the class</td>
</tr>
</tbody>
</table>
Pressure Applications

Here is a quick review of the outline of the information that should be included in your presentation.

– State what technology you are presenting
– Explain the purpose of the technology (what is it used for)
– Does it use hydraulic or pneumatic principles
– State what the input is (do you apply a force to it, do you turn something, squeeze something, pull a trigger, etc)
– State what the output is (do parts come together, move apart, does something turn, is something elongated, etc)
– Explain how this technology makes something easier/better
– Discuss any environmental, or other, impacts that this technology may have (e.g., if it leaks, it could pollute a stream, it makes it easier to cut down more trees, it does the job faster, so fewer people are needed - less jobs)
– Add any other interesting/important information you feel will fit
– Include pictures/drawings to support your information

Pressure Applications

We will use the remainder of the period to work on this task. You should be finishing your research and preparing your presentation. Be sure your presentation includes all of the necessary information. Please share your presentation with me now.

– Name of Technology
– Purpose
– Hydraulic or Pneumatic
– Input
– Output
– How is it Better
– Environmental Impacts
– Other Info
– Pictures
Pressure Applications

There will be no more class time for this task. If your presentation is not ready, you need to complete it as homework. When you arrive, three periods from now, we will begin presentations right away. I will take volunteers to go first, and then I will choose at random.