

## LPSD Technology Project Rubric

**Standard 10.06** Lists and explains the criteria that describe a robot, designs and/or builds a prototype. This project should include how robots are used in a chosen job field, and report on what skills are needed in order to use robots in the given field.

	<b>ADVANCED</b>	<b>PROFICIENT</b>	<b>DEVELOPING</b>	<b>EMERGING</b>
<b>Criteria</b>	<ul style="list-style-type: none"> <li>• Lists in clear detail what criteria a robot must have to be called a robot</li> <li>• List is in great detail and each criteria is explained</li> <li>• Examples or pictures of each type of criteria are given</li> <li>• The list shows deep understanding and not simply copying criteria from other sources</li> <li>• No spelling or grammatical errors</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Lists what criteria a robot must have to be called a robot.</li> <li>• List is detailed and each criterion is explained.</li> <li>• List shows understanding and is not simply copying criteria from other sources</li> <li>• Spelling and grammatical errors are minimal and do not interfere with meaning.</li> </ul>	<ul style="list-style-type: none"> <li>• Lists what criterion a robot must have to be called a robot, but the list is not explained.</li> <li>• Spelling and grammar interfere with meaning.</li> </ul>	<ul style="list-style-type: none"> <li>• List does not describe criteria, or is simply copied from other sources</li> <li>• Spelling and grammar interfere with meaning.</li> </ul>
<b>Robots related to Jobs</b>	<ul style="list-style-type: none"> <li>• Report includes in depth examples of machines or robots used in a chosen job field.</li> <li>• Report details which skills are needed in order to use the robot in a chosen job field.</li> <li>• No spelling and grammar mistakes.</li> <li>• Report has many details that add to meaning.</li> <li>• History of robotics in chosen job field is explained.</li> </ul>	<ul style="list-style-type: none"> <li>• Report includes examples of machines or robots used in a chosen job field</li> <li>• Report includes what skills are need in order to use the robot in a chosen job field.</li> <li>• Spelling and grammar mistakes are minimal and do not interfere with meaning.</li> <li>• Report has many details that add to meaning.</li> </ul>	<ul style="list-style-type: none"> <li>• Report includes examples of machines or robots in chosen job, but details are not given to explain each type robot or machine.</li> <li>• Detail are present, but minimal.</li> <li>• Spelling and grammar mistakes are minimal and do interfere with meaning.</li> </ul>	<ul style="list-style-type: none"> <li>• Report does not list robots in chosen job field.</li> </ul>
<b>Robot Prototype</b>	<ul style="list-style-type: none"> <li>• Prototype design or build is complete, and clearly could be use in chosen job field.</li> </ul>	<ul style="list-style-type: none"> <li>• Prototype design or build is complete.</li> </ul>	<ul style="list-style-type: none"> <li>• Prototype design or build is incomplete.</li> </ul>	<ul style="list-style-type: none"> <li>• Prototype design or build is very basic, or not attempted.</li> </ul>

Score \_\_\_\_\_