

## Catapult Rubric

Criteria	5	10	15	20
Team Selection	<ul style="list-style-type: none"> <li>Two or three members in the group work together negatively</li> </ul>	<ul style="list-style-type: none"> <li>Two or three members in the group are placed together by the teacher</li> </ul>	<ul style="list-style-type: none"> <li>Two or three members in the group are asked to work together</li> </ul>	<ul style="list-style-type: none"> <li>Two or three members in the group agree to work together</li> </ul>
Design	<ul style="list-style-type: none"> <li>The group has trouble planning the design and/or no sketch is available from which to build</li> </ul>	<ul style="list-style-type: none"> <li>One member of the group plans the catapult design and/or a rough sketch is developed</li> </ul>	<ul style="list-style-type: none"> <li>The group plans the catapult but only one or two members are developing the design.</li> <li>A sketch is on paper.</li> </ul>	<ul style="list-style-type: none"> <li>The catapult is well planned and agreed upon by all members of the group.</li> <li>The design is sketched and well thought out</li> </ul>
Construction	<ul style="list-style-type: none"> <li>The catapult has little or nothing to do with the sketch if it exists and only one member of the group worked on the construction</li> </ul>	<ul style="list-style-type: none"> <li>The catapult has little to do with the original sketch if it exists.</li> <li>All members of the group worked on the construction</li> </ul>	<ul style="list-style-type: none"> <li>The catapult is a good representation of the sketch</li> <li>All members of the group are instrumental in the construction</li> </ul>	<ul style="list-style-type: none"> <li>The catapult is constructed as an exact reproduction of the sketch</li> <li>All members of the group are instrumental in the construction</li> </ul>
Operation	<ul style="list-style-type: none"> <li>It does not work</li> </ul>	<ul style="list-style-type: none"> <li>It works</li> </ul>	<ul style="list-style-type: none"> <li>It works well</li> </ul>	<ul style="list-style-type: none"> <li>It works great</li> </ul>
Cooperation	<ul style="list-style-type: none"> <li>The group did not work well during any phase of the process: planning, construction, operation and the final tournament</li> </ul>	<ul style="list-style-type: none"> <li>The group had some difficulty during the process: planning, construction, operation and the final tournament</li> </ul>	<ul style="list-style-type: none"> <li>The group worked well during the entire process: planning, construction, operation and the final tournament</li> </ul>	<ul style="list-style-type: none"> <li>The group worked flawlessly during the entire process: planning, construction, operation and the final tournament</li> </ul>
Total				