

Alabama Council for Technology in Education

<p><b>ROBOTICS RUBRIC</b></p>			<p><b>TOTAL SCORE:</b></p>	<p><b>_____</b></p>
<p><b>CRITERIA</b></p>	<p><b>MINIMAL</b></p>	<p><b>PARTIAL</b></p>	<p><b>MASTERY</b></p>	<p><b>SCORE</b></p>
<p><b>DOCUMENTATION</b> 1-15 Did student(s) include citations for sources and permissions for non-student produced materials in a notebook?</p>	<p>None of the required documentation present.  <b>1-5</b></p>	<p>Some or most of required documentation present.  <b>6-10</b></p>	<p>All required citations and permissions are present.  <b>11-15</b></p>	
<p><b>PROJECT COMPLETION</b> 1-15 Did student(s) complete the entire project?</p>	<p>Robot does not work at all.  <b>1-5</b></p>	<p>Robot incomplete. Needs more work to be fully functional.  <b>6-10</b></p>	<p>Robot complete. Functions as designed with student programming.  <b>11-15</b></p>	
<p><b>CREATIVITY</b> 1-20 Did student(s) use a higher level of creativity throughout the design process and presentation?</p>	<p>Minimal levels of creativity shown in the design process and the oral presentation.  <b>1-7</b></p>	<p>Lower level of creativity in the design process and oral presentation.  <b>8-14</b></p>	<p>High level of creativity throughout design process and oral presentation. Unique, well-planned and creative.  <b>15-20</b></p>	
<p><b>PURPOSE</b> 1-20 Did all parts of the project work together for the intended purpose?</p>	<p>No elements of the design fit the purpose of the robot.  <b>1-7</b></p>	<p>Some elements are unnecessary, missing or do not fit the purpose of the robot. Robot requires some human interaction to complete task.  <b>8-14</b></p>	<p>Robot performs tasks created by student programming with no human interaction to perform stated tasks.  <b>15-20</b></p>	
<p><b>UNDERSTANDING</b> 1-30 Did student(s) demonstrate a solid understanding of the software in development of the project?</p>	<p>Little or no understanding of software used.  <b>1-10</b></p>	<p>Drag and drop interface used to program robot. Pre-built scripts used to control robot.  <b>11-20</b></p>	<p>Student can answer specific questions about means to program and control robot. Mastery of understanding programming language used.  <b>21-30</b></p>	
<p>Comments:</p>				

