**Rubric: Robotics and Patents**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Poor 0-6 points** | **Moderate 7-8 points** | **Mastery 9-10 points** | **Score 25-50 points** |
|  | **Poor** | **Moderate** | **Mastery** | **Score** |
| **Robot Sketch, Design,** | Robot [completed](http://www.rcampus.com/rubricshowc.cfm?code=C3A83X&sp=true) less than | Robot completed half the | Robot completed the |  |
| **Build** | half the project standards | project standards and/or | entire project standards |  |
|  | and/or needed repetitive | needed some assistance. | from start to finish with |  |
|  | assistance. |  | little to no help. |  |
| **Teamwork** | Teacher observed none of | Teacher observed some | Teacher observed all |  |
|  | the teammates | teammates interacting, | teammates interacting, |  |
|  | interacting, posing | posing questions to each | posing questions to each |  |
|  | questions to each other, | other, and exchanging | other, and exchanging |  |
|  | or exchanging ideas. | ideas most of the time. | ideas all of the time. |  |
| **Participation** | Student never | Student occasionally was | Student was actively |  |
|  | brainstormed, | involved in brainstorming, | involved in brainstorming, |  |
|  | programmed, or ran the | or programming, or | programming, and running |  |
|  | robot. | running the robot. | the robot all of the time. |  |
| **Documentation** | Student was missing two | Student was missing one | Student documented |  |
|  | or more pages of | page of documentation. | timed trials, average |  |
|  | documentation. |  | speed, and maze |  |
|  |  |  | components. |  |
| **Presentation** | Formed a robotics team | Formed a robotics team, | Formed a robotics team, |  |
|  | and selected a robotics | selected a robotics | selected a robotics |  |
|  | project. | project, and discussed | project, discussed how a |  |
|  |  | how a robotics team will | robotics team will |  |
|  |  | function. | function, and identified |  |
|  |  |  | their team roles. |  |
| A = 45-50; B = 31-44; C = 25-30; D = 0-24 | |  |  |  |
|  |  |  | **Total Score: \_\_\_\_\_\_\_** | |