Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Motorized Toy Rubric**

**Toy**

1. Is your toy complete? Does it work? - 15 pts
2. Is your toy creative? - 5 pts

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**Presentation**

**Your presentation must be 10 slides, labeled as follows:**

1. **Title:** name(s) and toy design - **2 pts**
2. **Engineering Design Process:** explain what the engineering design process is and why engineers use it. Insert a picture of your poster (if you have it), or another visual showing the engineering design process - **4 pts**
3. **Challenge:** state the challenge you were given at the start of this project - **2 pts**
4. **Brainstorm:** explain the three (or more) ideas you started with and why you liked each one. Insert pictures of your brainstorm sheet (front page of the packet) - **5 pts**
5. **Choose:** explain which design you chose and why - **4 pts**
6. **Plan:** describe the plan you made for the toy you chose. Insert pictures of your planning sheets (pages 2 and 3 of the packet). - **5 pts**
7. **Build:** describe the process of building your toy - **4 pts**
8. **Test:** describe the process of testing your toy. Did it work the first time? Why or why not? **- 5 pts**
9. **Revise:** describe what you changed on your toy during the process. Did you have to fix or change anything in order to get it to work? Did you change your idea at all? Did you add anything? **- 5 pts**
10. **Share:** insert the video of your toy working.**- 4 pts**

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