

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

# Designing My Vehicle Worksheet

**Reflection:** Some things to consider about the success of your prototype vehicle:

- Was it too tall, short, wide, narrow?
- Should the angle of the solar cell be changed?
- Does the solar cell need to be in a different place on the vehicle?
- Might the wheel size(s) make a difference in its performance?
- Might the number of wheels make a difference in its performance?

**1. Make a sketch of your new vehicle design.**

**2. What variable(s) in the new vehicle design is different from the prototype that you think will make the vehicle faster? Explain.**