**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.**