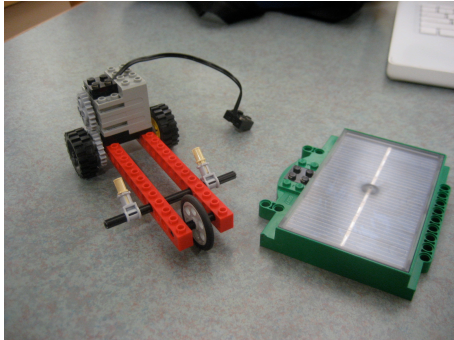


Solar Powered Lego Cars



Questions to think about ahead of time:

1. Why is it important to know where the sun is when placing solar panels?
2. How does wheel-size affect the speed of a vehicle?
3. How does wheel-size affect a vehicle's ability to climb hills?
4. Do shadows always block all of the light?

Conditions	Prediction: which will go faster or will they be the same?	Large Tire Time	Small Tire Time	Conclusion
Flat surface				
Uphill				

Conditions	Prediction: which will go faster or will they be the same?	Towards the sun time	Away from the sun time	Conclusion
Flat surface				

Conditions	Prediction: which will go faster or will they be the same?	White paper shadow time	Black paper shadow time	Conclusion
Flat surface				