

## Solar Panel Project

Goal: build a working solar panel and gain experience developing technical writing skills.


Grading: team work (participation) = 50% of total grade; technical instructions grade = 50% of total grade. Project is completed when a working solar panel is produced along with a set of instructions that are better than the set you received with your kits.

Rough draft of instructions due Oct 28; final due Nov 9.

Technical instructions will receive a grade corresponding to the rubric below.

Report Part		Points
Introduction	How solar cells and panels work	30
	What to expect building the panel – including approximate building time	10
	What the final product looks like and how it should perform	5
	Potential uses for panels	5
Instructions	clear and concise language	10
	formatted for easy reading	10
	good visuals	10
	does not exceed 8 <sup>th</sup> grade reading levels (use Word function for determining reading level; see below for instructions – FYI, this page rated 8.5)	10
	written so someone with limited building skills and tools can follow instructions and build panel	10
Total Points		100

### Word function for determining readability level in Word documents:

1. Click the **Microsoft Office Button**  , and then click **Word Options** at bottom.
2. Click **Proofing**.
3. Make sure **Check grammar with spelling** is selected.
4. Under **When correcting grammar in Word**, select the **Show readability statistics** check box.