

Review last weeks lesson and challenge

-Sample Questions-

- What is solar energy
- What are the parts of a windmill?
 - generator, blades or propeller, stand

NO WORKSHEET

Testing and Experimenting


-Students will be testing and experimenting using concepts learned from the past classes.

-This will be a day to get ready for the final day competition during the following week. This is a good opportunity for the teams to test out different ideas and finalize their final projects.

To measure the amount of power we will be using a power meter.

Meter reads in:
V : Volts
A : Amps
W : Watts

Quick math:
Watts = Volts X Amps



For the final challenge, we will see which team can produce the most **watts**. The readings will be taken from the values on the top row. The higher the number the better.



← **Watts-the highest number wins!**

Challenge 1 - Team Build, teams of 3

Students will use either a windmill, hand-crank generator, or a solar panel and try to produce the most power.

Have students team up with the same people that they will be working with the following week.

Students may build all 3 and connect them together and experiment to see if it creates more power.