

Worksheet 1 - Pedestal Fan

Names: _____

ENERGY	
Name some things we use energy for.	
Where does most of our energy come from?	
Suggest a problem with this.	
Suggest an advantage of renewable energy?	
Name some sources of renewable energy.	

ELECTRICITY

When you connect up the motor, how can you get it to rotate in the opposite direction?

To get as much electricity as possible from a solar panel, what orientation should it be at relative to the sun's rays?

LIGHT

What could happen if you look directly at the sun?

What causes shadows to form?

EXTENSION QUESTION

Explain how a solar powered electric fan works.