



# TeachEngineering

Chasing the Sun: Energy Effects Presentation



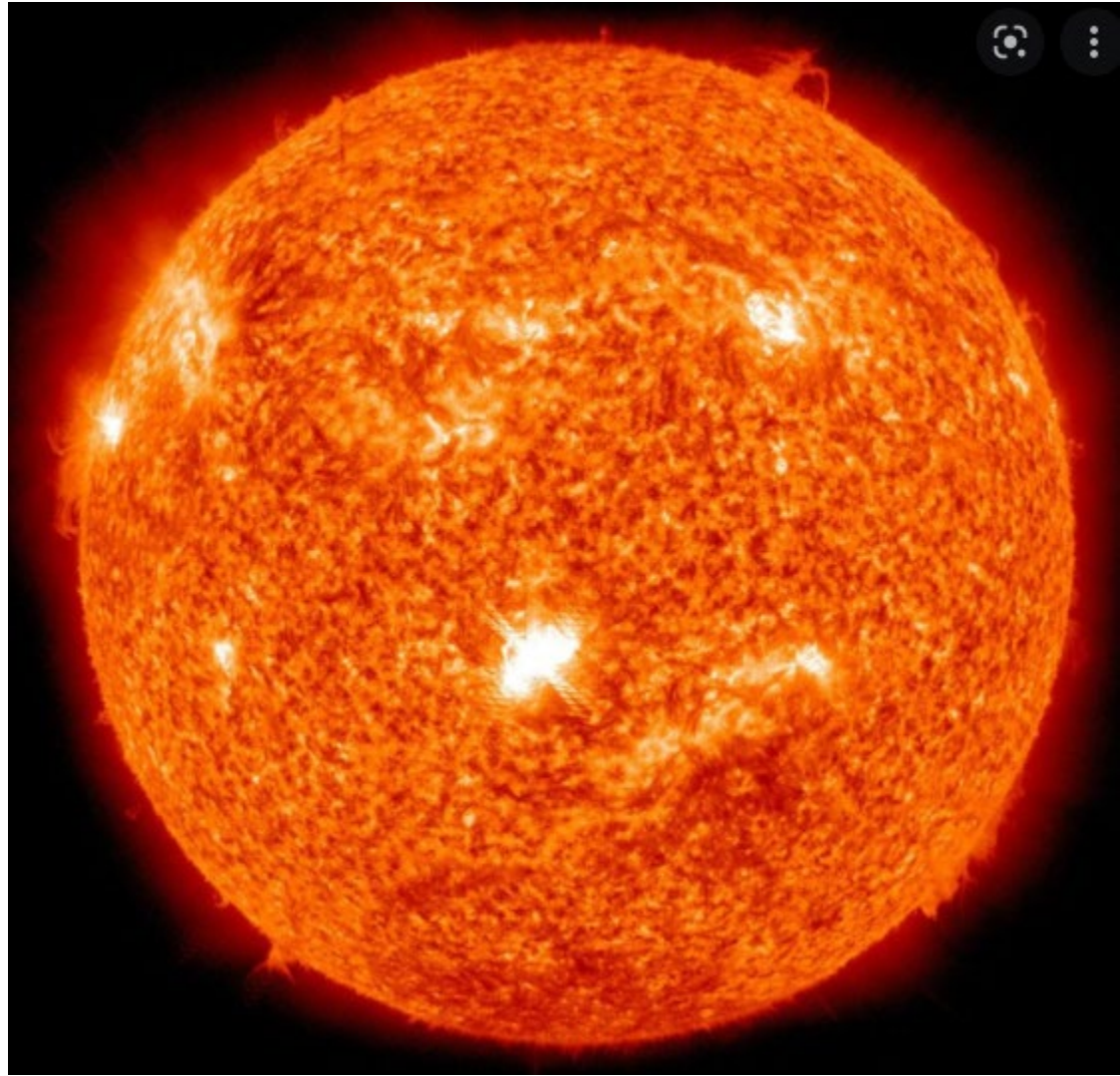
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# The Sun...

- Gives off energy



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**WHAT IS  
ENERGY?**

**HAVING THE ABILITY TO DO WORK**

# WHAT IS WORK

- **The ability to move or change matter, this can be a physical or chemical change.**

Example: How did the popsicle change when exposed to energy?



# WHAT IS ENERGY?

Having the ability to change or move matter.

There are different types of energy.

A Tesla coil is shown with two electrodes, one on the left and one on the right. Bright blue lightning bolts are being emitted from the electrodes, creating a complex, branching pattern of light against a dark blue background. The word "ELECTRICITY" is centered in the middle of the image, underlined.

# **ELECTRICITY**

**ENERGY THAT PROVIDES POWER FOR MANY THINGS THAT WE USE EACH DAY.**

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# LIGHT

ENERGY THAT LETS US SEE.



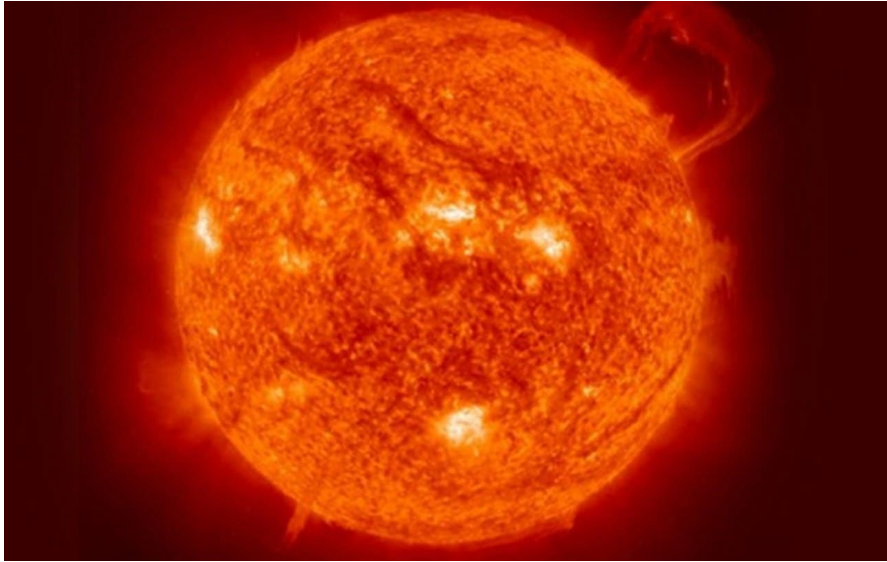




# HEAT

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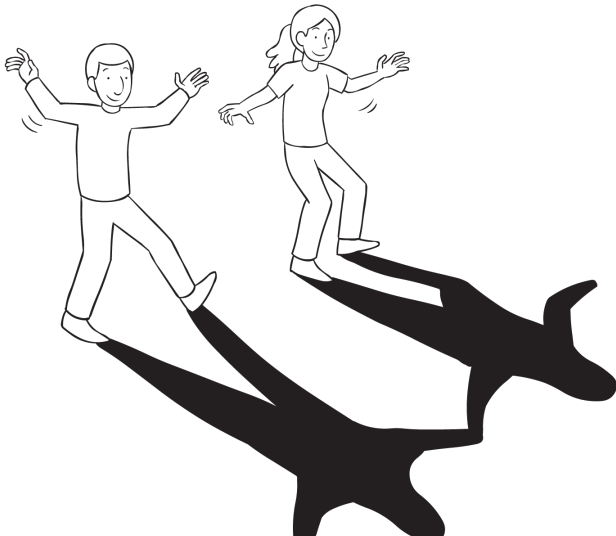
ENERGY THAT MAKES THINGS WARMER.



# SOLAR ENERGY

A COMBINATION OF HEAT AND LIGHT ENERGY FROM THE SUN.

# How does solar energy affect you?



How Does the Sun  
Affect Earth?

