







Science V10/S3: Solar Energy



The word solar refers to things that relate to the sun. Energy is the power created by an object. Solar energy is the power created by the sun. Solar energy can power objects in the same way electricity does.

It is considered a renewable source of energy because sunlight cannot be used up completely. Other types of renewable sources of energy come from wind, moving water, heat from the earth, and plant matter. Solar energy is important because the earth is running out of other sources of energy. Fossil fuels, for example, will run out by 2060 if we continue using them at the current rate we do today.



Solar Energy	Wind Energy	Geothermal Energy	Hydro Energy	Tidal Energy	Biomass Energy
					

Solar energy is collected from solar panels. Solar panels absorb the sun's rays and turn them into an electric current. This electric current is used to power household appliances and electronics, such as your phone or television. Solar panels are not widely used because they are expensive. However, this expense can transform into energy savings later on.

Benefits of Solar Energy	Negatives of Solar Energy
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| <ul style="list-style-type: none">● Renewable source of energy● Clean source of electricity● Low electricity bills | <ul style="list-style-type: none">● Expensive upfront costs● Amount of power created depends on the weather |
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