



Renewable Energy Tic Tac Toe

Group students into pairs and have each student choose either X's or O's. Each student will then take a turn answering the question in each box. If answered correctly, the student can claim that box and draw their X or O under the question. If answered incorrectly, the other student gets a chance to pick a box and answer the question. The first student to get three X's or O's in a row (horizontal, vertical or diagonal) wins!

<p>Solar panels use light from the ___ ___ ___ and turn it into energy.</p>	<p>This renewable energy source uses the energy stored in wood, straw, landfill and biological waste products.</p>	<p>Why are coal and oil not considered renewable energy sources?</p>
<p>This type of energy is found deep in the earth and can be used to heat our homes in the winter and cool our homes in the summer.</p>	<p>What is renewable energy?</p>	<p>What renewable energy source does hydro power use?</p>
<p>Name three kinds of renewable energy sources.</p>	<p>True or False? Canada is currently using wind energy to power the equivalent of 315 000 homes.</p>	<p>What is non-renewable energy?</p>





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ANSWERS

Our Planet
Our Future

Left Column

1. Solar panels use light from the sun.
2. Geothermal energy is found deep in the earth.
3. Solar, geothermal, wind, water, biomass, or tidal. These are all renewable energy sources.

Centre Column

1. Biomass uses energy stored in wood, straw, landfill and biological waste products.
2. Renewable energy is energy generated from natural sources that are naturally replenished in a short period of time.
3. True! Canada is currently powering the equivalent of 315 000 homes using wind power. With Canada's wind resources, we could potentially be powering 17 million homes!

Right Column

1. Coal and oil are not considered renewable energy sources because it takes a very long time for those sources to be replenished.
2. Hydro power uses water.
3. Non-renewable energy is energy generated from sources like fossil fuels. They are not considered renewable because they can take millions of years to form.

Check out these great resources on renewable energy in Canada:

1. The Canadian Wind Energy Association - canwea.ca
2. Re-energy.ca
3. Green Communities Canada – gca.ca

For more energy games and activities, visit ecokids.ca!



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