

Name: _____

Date: _____

Alternative Energy in Minecraft: Education Edition Handout

Sustainability City Learning Journal



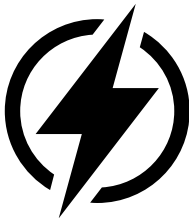
What is hydropower?



What is wind power?



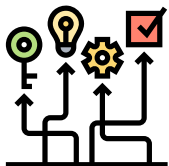
How is alternative energy different than using fossil fuels?



What is electricity used for?



What is mechanical energy?



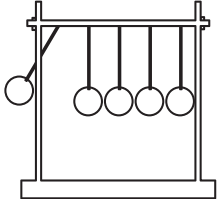
What is potential energy?

Check These Terms Off When You Discover Their Meaning

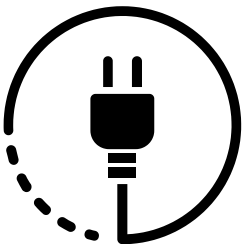
- fossil fuels
- renewable
- non-renewable
- penstock
- reservoir
- turbine
- mechanical energy
- potential energy
- kinetic energy
- electrical energy
- sustainable
- electromagnets
- conductors
- recalibrated
- electromagnet
- bottom ash
- heat conductive
- vaporize
- byproducts
- contaminates
- condenser
- leaches
- bioreactor
- accelerates
- decomposition
- contamination
- leachate

Side #2

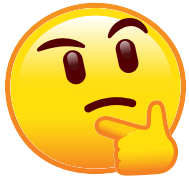
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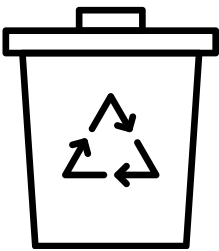
What is kinetic energy?



What is electrical energy?



Why should people choose hydropower or wind power over fossil fuels?



What happens to items that are not recyclable?



How can non-recyclable items be made into energy?



How can a landfill be sustainable if it is just filled with garbage?
