

Topic	Technology	Technology	Technology
Question	What is a factory called that purifies biofuels?	What is an inexhaustible (within the next 1000 years) energy resource? Name one.	What machine collects wind energy?
Answer	Biorefinery.	An energy resource where you can never be used up, for example, the sun.	Turbine.

Technology	Technology	Technology	Technology
What device is used to see geothermal images? What type of energy can it capture?	What is the purpose of a generator? Explain how it is used in a geothermal power plant.	Identify three items in the room and identify how the electrical energy is transformed in these items.	How are fossil fuels brought to the surface?
Satellite, converts thermal heat to images.	To generate electricity from heat gathered from the earth.	Stereo -- Electricity to Sound, Light -- electricity to light, Heater - electricity to heat, Fan -- electricity to mechanical, etc.	By drilling a well and pumping them out. Coal must be removed through mining.

Technology	Technology	Technology	Technology
How are future carbon dioxide levels predicted? Why do they vary?	Give an example of how combustion is used in non-renewable energy sources?	How does genetic modification occur? Why is it important to renewable energy resources?	What problems arise from just using parts of corn and other plants as a biofuel and not the whole product?
Predicted by looking at past trends, which vary by season, and human activities which increase the CO2 level.	A gasoline engine in a car uses gas to power the pistons.	Genetic modification occurs when scientists combine DNA from two different animals. Example: It can be used to create algae and other plants with much higher oil content.	Useless waste can be left over.

Technology	Technology	Technology	Technology
What is the name of the process that scientist use to find plants and animals that will help them create a specific product?	What is the name of the equipment that makes wood gas or syngas out of wood?	What is a the large container called that beer, or yogurt is made in? Biological organisms (bacteria) react with the solutions to create something new.	What is the name of diesel that is made from vegitable oil (like french-fry oil)?
Bioprospecting.	Gasifier.	Bioreactor.	Biodiesel.

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