**Energy Education in the Classroom**
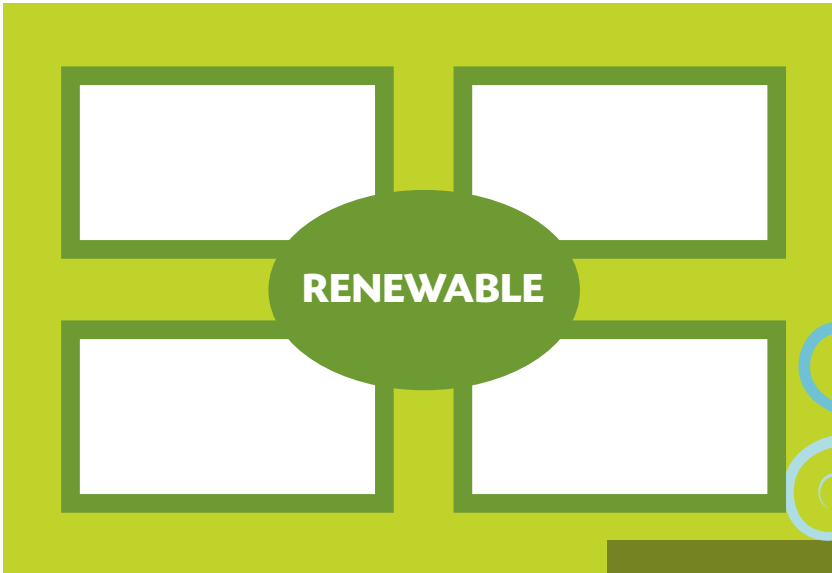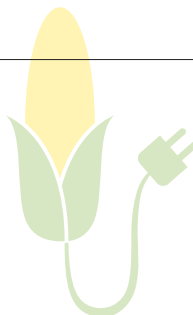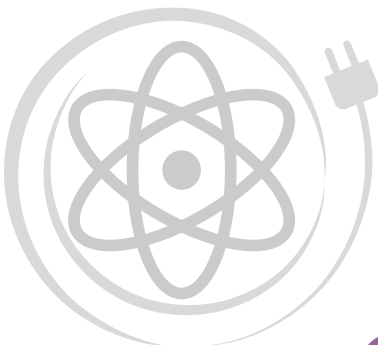
Name _____  Date _____

# Energy Resources

Place each of the resources listed below into a space on the correct concept map.

**Hydro    Coal    Biomass    Natural Gas    Solar    Nuclear    Oil    Wind**

**RENEWABLE**

**NON-RENEWABLE**

_____

_____

_____

_____
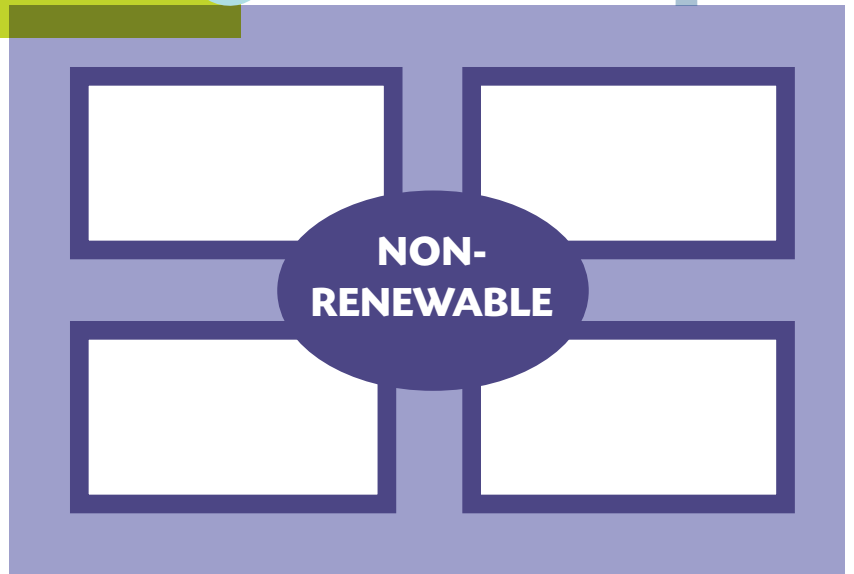
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# ENERGY EFFICIENCY

## Top 10 Energy-Saving Tips

**1.** **Save up to $100 a year when you properly use a programmable thermo-stat.** Set manual thermostats to 78°F in the summer and 68°F in the winter, and then leave them alone.

**2.** **Change standard air filters once a month** or pleated filters once every three months to help your heating and cooling system run more efficiently. Have your system professionally serviced annually.

**3.** **Caulk and weatherstrip around your windows and doors.** If the caulk is cracked or the weatherstripping is flat or peeling, replace the old material.

**4.** **Seal around wiring and plumbing penetrations.** Use caulk for small holes and expanding foam for larger areas. This will keep conditioned air from escaping the house.

**5.** **Use a smart power strip** or simply unplug electronics when they are not in use and save up to $100 a year.

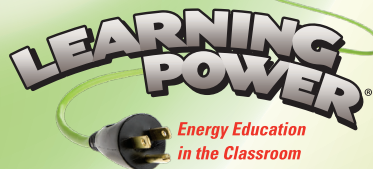**6.** **Look for the ENERGY STAR® label** when purchasing new appliances.

**7.** **Keep air vents clear of obstructions** to help your heating and cooling system operate more efficiently.

**8.** **ENERGY STAR qualified LEDs** provide high-quality light, last up to 20 years and use 75 percent less energy than standard incandescent light bulbs.

**9.** **Wash full loads of clothes** and avoid overdrying. Clean the lint trap before every load to increase efficiency, saving you more than $30 a year.

**10.** **Set your water heater's temperature to 120°F** and wrap your electric water heater with an insulated blanket for additional savings. Read the installation instructions and warranty to make sure this doesn't void the warranty.

Dr. E™

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