

School Activity

Energy conservation worksheet

Instructions

In the grid below, color each square according to the following guidelines:

- If it describes a waste of energy, colour the square **RED**.
- If it describes a way to save energy, color the square **GREEN**.

A dripping hot water tap	A room with thermostat set below 20 °C in winter	A house with poor insulation	Leaving lights on in an empty room	Driving in rush-hour traffic	Driving a hybrid car
Growing a garden	Using an electric blanket	Turning the TV off when no one is watching	Turning off appliances when on vacation	Car pooling	Using an electric can opener
A low-water landscape	Using fluorescent lights	Using lamps with 150-Watt bulbs	Driving a car with no other passengers	Leaving the tap on when brushing your teeth	Taking showers instead of baths
Wearing sweaters and warm clothes in cold weather	Driving an oversized car	Riding your bike instead of taking the car	Using an electric toothbrush	Driving your car over 85 km/hour	Leaving outside lights on during the day
Opening curtains on the south side of the house on a summer day	Running full loads in the washing machine	Using solar thermal panels to heat hot water	Using both sides of a piece of paper	Closing windows and doors when the air conditioner or heat is on	Recycling cardboard and magazines
Leaving the car running in the driveway while you go inside	Using an electric knife	Hanging clothes outside to dry	Leaving the computer on when no one is using it	Recycling paper, glass and metal	Watching TV instead of playing outdoors

In the space below, describe additional activities that you can do to conserve energy.

Wasting Energy Hands-on Activity — Mix and Match Game

Instruction:

- Cut the table out below along the white lines - you will be left with 26 pieces of orange shaded paper and two pieces of blue paper
- Place the two pieces of blue paper on a desk
- Place the 26 pieces of orange paper inside a bag and all participants must select a piece of paper
- Each piece of paper should then be placed under the correct heading i.e. conserving energy or wasting energy

Conserving Energy	Wasting Energy
Use a pan that matches the size of the stove	Use a small pan on a large
Cook many items in the oven at the same time	Cook one item in the oven at a time
Run the washing machine with a full load	Running the washing machine half full
Take a shower, instead of a bath	Take a bath
Close the curtains in the room that you are cooling	Leave the curtains open while trying to cool a room
Turn off the TV or radio when no one is watching or listening	Leave on the TV or radio when no one is watching or listening
Fix a leaking tap	Let water drip from a leaking tap
Open and close the refrigerator door quickly	Keep the refrigerator door open
When it is cold, wear warm clothes in several layers	Not wearing a coat when it is cold
Stuff rags, paper or rugs in the crack under an outside door	Have leaking doors or windows
Have good insulation in outside walls and roof	Have no insulation in walls
Turn off the lights that you do not need	Leave lights on when you are not using them
Wash and rinse in dirty pans, instead of a sink	Wash and rinse in two sinks

Add more

Conserving Energy	Wasting Energy