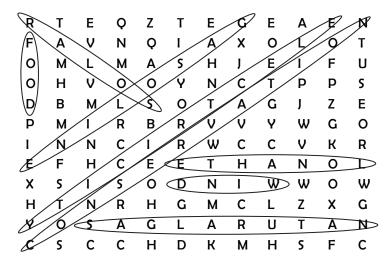


### **Answers**

### **Energy Glossary - Matching**

#### **Definition** Term the movement of air electricity wind saving something power solar the sun's light or heat gasoline ethanol substance that sustains growth gas pumped from the earth by wells fuel made from oil mined from the earth natural gas conservation fuel made from grain

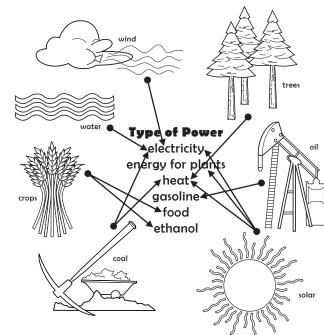
### **Energy Glossary - Word Search**



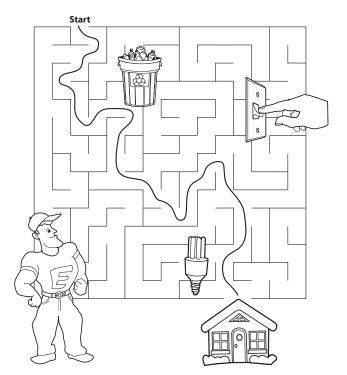
The Farm Service Agency and the Natural Resources Conservation Service are agencies under the United States Department of Agriculture. These agencies help Montana farmers and ranchers conserve soil, water, and energy while providing high quality food, fiber, and wildlife habitat.

04/07 MT. USDA is an equal opportunity employer and provider.

### **Resource Power - Matching**

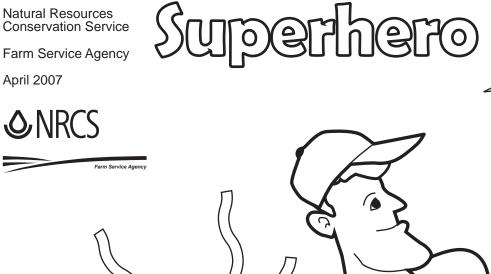


### Saving Energy - Maze





### **United States** Department of Agriculture







# **Energy Glossary**

To be an energy superhero you have to know a lot about energy. The topics of energy and saving energy can be complicated and confusing, but they're easier to learn about when you understand the terms. To begin learning more about energy, match the term on the left with its definition on the right, then find each word in the word search.

, 011011	illia c	aoii w	01 (4 11	i une v	voi a s	caron	•	1	K	<b>ॐ</b>		_ \	V.
Terr	n			De	finiti	ion		\		_			
elect	tricity			the	mov	emen	t of a	ir	K	1/1	$\supseteq$	1	
winc	k			sav	ing sc	meth	ing			$\mathcal{M}$	5 1	1	)
solar				pot	power								
gasoline				the	the sun's light or heat								
ethanol				sub	substance that sustains growth								
food				gas	gas pumped from the earth by wells								
natural gas				fue	fuel made from oil mined from the earth								
conservation				fue	fuel made from grain								
R	T	Е	Q	Z	Т	Ε	G	Ε	Α	Ε	N		
F	Α	V	Ν	Q	I	Α	X	0	L	0	T		
0	М	L	М	Α	S	Н	J	Ε	I	F	U		
0	Н	V	0	0	Y	Ν	С	T	Р	Р	S		
D	В	М	L	S	0	T	Α	G	J	Z	Е		
Р	М	I	R	В	R	V	V	Y	W	G	0		
I	Ν	Ν	С	ı	R	W	С	С	V	К	R		
Е	F	Н	С	Ε	Е	T	Н	Α	Ν	0	L		
X	5	I	5	0	D	Ν	I	W	W	0	W		
Н	T	Ν	R	Н	G	М	С	L	Z	X	G		
Y	0	S	Α	G	L	Α	R	U	Т	Α	N		
	_	_	_		_				_	_	_		

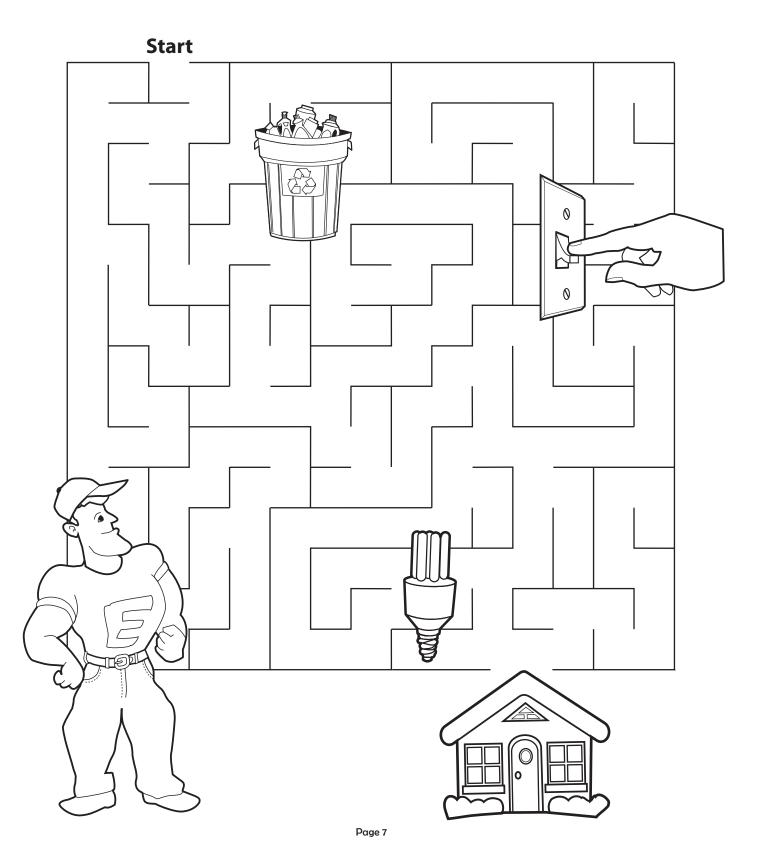
The words you found are all related to energy in some way. For example, food powers our bodies. Gasoline and ethanol power our cars. Electricity generated by wind, solar, and other sources powers our lights. Natural gas powers our furnaces to keep us warm.

CSCCHDKMHSFC



# Saving Energy

Find your way through the maze. Along the way you will pass objects that will help to make the home at the end a place where energy is being saved every day.



Page 2

Energy is very important to our everyday lives. Lots of the energy we use comes from minerals deep in the earth that are not easily or quickly restored. Because the resources used to produce energy are precious, we all need to take care not to waste energy. Saving energy also helps decrease the pollution that affects the Earth and protects our beautiful landscapes.

When it comes to saving energy everyone can be a superhero. What are some of the things you and your family can do to save or conserve energy? Write five things you do in your home to conserve energy in the blanks below and compare your answers to the tips provided.

1 _		
<u> </u>		
B		
<i></i>		
~ <u> </u>		
シ		

# - Tipt for Saving Energy

Turn off the lights when you leave a room. Also, use compact fluorescent light bulbs. They use one-fourth the energy and last about 10 times longer than regular light bulbs.



Drive a fuel-efficient car and drive only when necessary. Otherwise, walk or bicycle.

reusable. Recycle as much as possible. Heating water is the third largest energy use in a home. Try to take shorter

Reduce, reuse, and recycle. Buy only what you need, including things that are

showers, use cold water for laundry, and turn down the thermostat on the hot water heater.

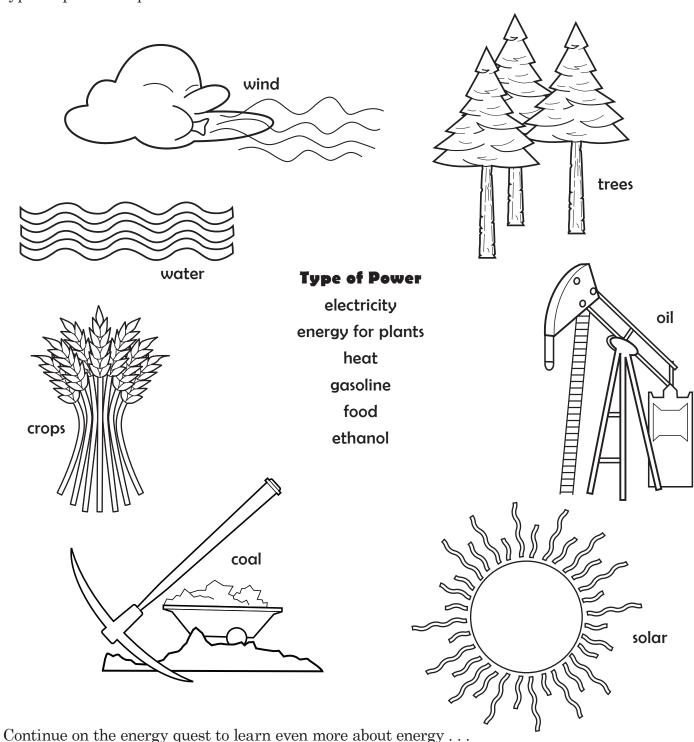
Use EnergyStar and EnergyGuide labels to compare the energy efficiency of appliances when making purchases.

Heating and cooling uses the most energy in our homes. Conserve energy in heating your home by making the house well insulated, sealing doors and windows, use an automatic thermostat if possible, and plant trees around your home to block the wind and provide shade.



# Resource Power

Montana has lots of natural resources that can be used in many ways. One way some of our resources are used is to produce power. Power can be in the form of electricity, fuel, heat, or food. Learn more about the types of power made from our natural resources by doing the activity below. Match the natural resource picture to the type of power it may produce. Remember that some types of power are produced from more than one natural resource.

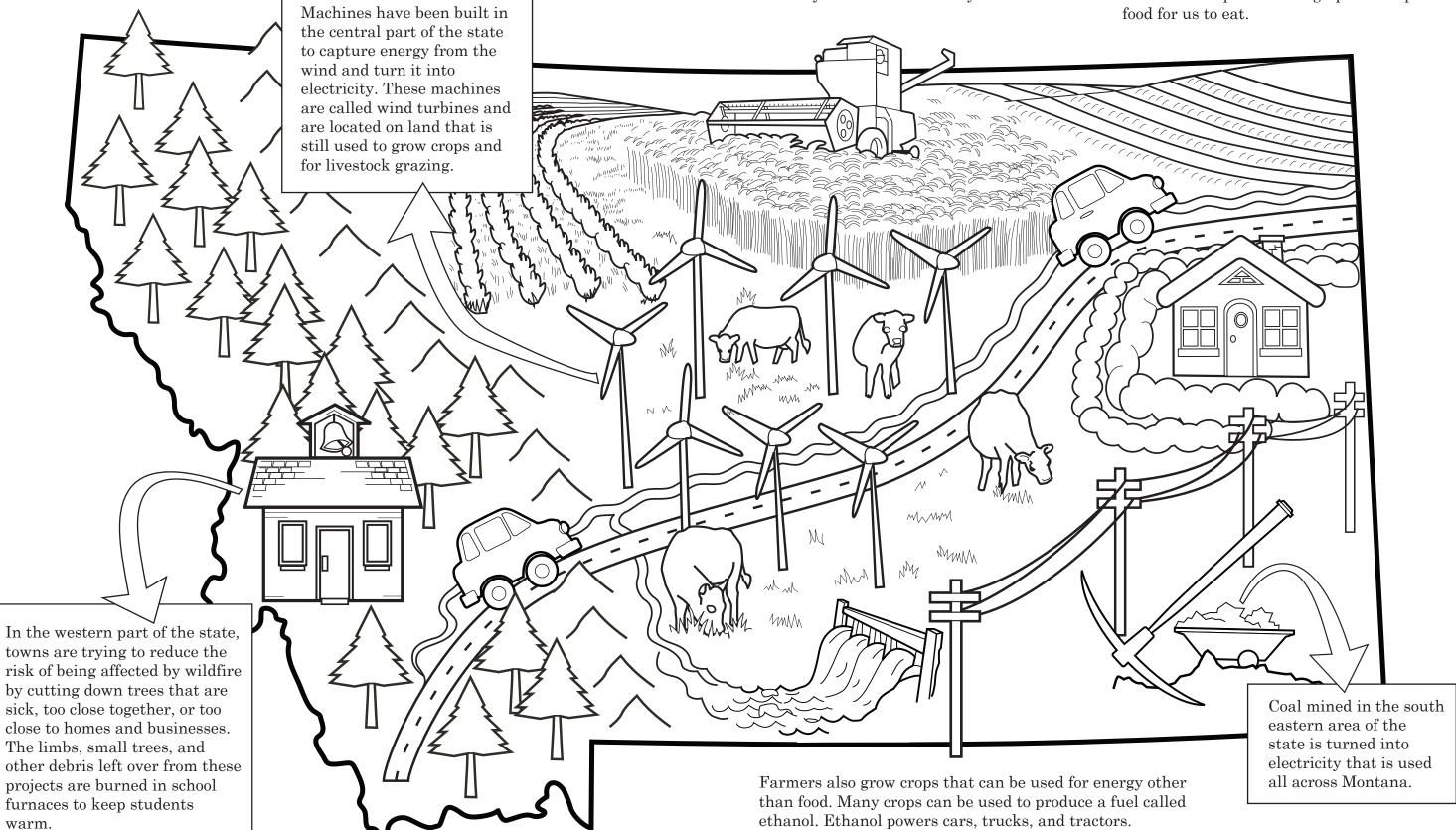


Page 6



# **Energy is Produced in Montana in Many Ways**

Farmers and ranchers help us by managing their lands to provide energy. This energy is in many forms and has many uses. The most basic way that farmers and ranchers produce energy is by managing their lands to harvest solar power through plants to produce food for us to out



Page 4

Page 5