

# USE IT SAFELY!

People use equipment, like lawn mowers, trail bikes, chain saws, and even cars to work and play in the forest. But did you know that using equipment carelessly is one of the most common causes of Oregon wildfires? For a fire to start, you need three things to come together: fuel (something that can burn), heat (something to get fuel hot enough to burn) and oxygen (which is always in the air). When people use equipment carelessly, they can bring **fuel sources** (like wood or dry grass) and **heat sources** (like hot parts of the equipment or sparks) dangerously close together. This can start a wildfire!

**IDENTIFY THE FUEL AND HEAT SOURCES IN THE FOLLOWING SITUATIONS.**



**FUEL SOURCES (THERE ARE TWO)**

1. \_\_\_\_\_
2. \_\_\_\_\_

**HEAT SOURCE**

1. \_\_\_\_\_



**FUEL SOURCE**

1. \_\_\_\_\_

**HEAT SOURCE**

1. \_\_\_\_\_



Please stay on the trail! Your exhaust pipes are hot and may light the grass on fire!



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**I PLEDGE TO PROTECT  
THE TREES, WATER AND WILDLIFE BY  
KEEPING HEAT SOURCES AWAY FROM  
DRY FUELS IN THE FOREST.**



Here is a spark arrester. Put this on your chainsaw and it will stop the sparks from flying.

# USE IT SAFELY!

CAN YOU FIND THE FUEL AND HEAT SOURCE IN THIS SITUATION?



FUEL SOURCE

1. \_\_\_\_\_

HEAT SOURCE

1. \_\_\_\_\_



Clear the rocks away before you mow, so that sparks don't start a fire.



## USING EQUIPMENT SAFELY

Use this secret code to complete the sentences below.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

1. Install a \_\_\_\_\_ on your chainsaw and other gas-powered equipment.

2. Keep \_\_\_\_\_ equipment away from \_\_\_\_\_ like grasses, needles and shrubs.

3. Allow equipment to \_\_\_\_\_ before \_\_\_\_\_ with gasoline.

4. \_\_\_\_\_ safely. Remove any \_\_\_\_\_ that may cause sparks and don't mow in high or dry grass.

5. \_\_\_\_\_ equipment regularly to make sure it is working properly.

6. \_\_\_\_\_ equipment, like a fire extinguisher, should always be on hand.

BE A HERO AND  
PROTECT THE TREES!



LEARN MORE ABOUT THE KEEP OREGON GREEN RANGER PROGRAM AT [www.keeporegongreen.org](http://www.keeporegongreen.org)



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Answers: Scene 1: fuels (wood, gasoline) heat (sparks) Sentences: 1. Gas-powered 2. Spark-arrestor 3. Fuel (dry grass) heat (hot exhaust pipe) 4. Cool, refilling 5. Mow, rocks 6. Check 7. Safety