

## Be an incident meteorologist: Forest Fires



Name \_\_\_\_

Class

When a *spark* from a campfire gets on dry grass, it starts a *WILDFIRES*. They are big **fires** that burn **nature** and wildlife.





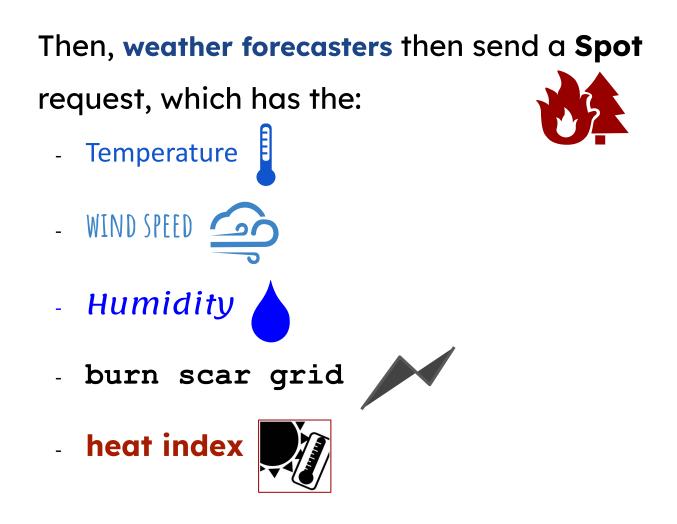
**WILDFIRES** leave <u>burn scars</u> on the ground. Soil can't take in water, so trees and animals are very slow to come back. Firefighters put them out, but need the help of weather forecasters to know how to fight the fire.







First, weather forecasters will either tell fire officials or be told by sheriffs if a *wildfire* is happening.



These help firefighters figure out how big the fire is and how long it could burn for.





The Incident Meteorologist will travel to the fire location. They will set up a Remote Automated Weather Station.





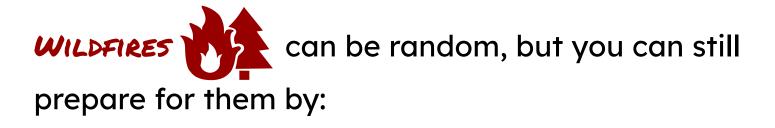
The Incident Meteorologist will be available all day long to give forecasts to fire fighters. They will also talk to **reporters** and

people that live nearby about weather conditions.

**Incident Meteorologists** are very busy! Their forecasts keep firefighters safe and help them fight the fire.







- Planning an exit with your family if a fire happens near home.
- Make an emergency kit with your parents.
- Watch the news for watch and warning alerts on fires.
- Move dry grass, bushes and trees away from your house.

## Instructions for teachers:

The symbols have been color-coded with the terms so make sure to emphasize that to the students so they can apply it on their own as meteorologists.

After going through the first three pages as a class, you can run the activity in three different ways:

- Read the questions aloud and have students answer on their own.
- Read the questions aloud and assign a corner/area/side of the room for the answer and have the students move to that area.
- Create groups of 5 and "cast" 1 kid as the fire, 2 as the firefighters, and 2 as the meteorologists, who would be the kid's playing at the beginning of the prompt, then read the questions aloud and have then act out their answers.