

## Description:

Students will learn about natural disasters, their causes, and preparation. This activity can be done in school or at home.

## Recommended Grades:

- 3-5

## Materials/Resources:

- Master Disasters
- Pencil
- Optional: Disasters Spinner
- Glue, Scissors
- Paper Clip

## Objectives:

Students will:

- Define disasters like earthquakes, floods, hurricanes, etc.;
- Discuss how much time they have to prepare;
- Explain whether to stay, leave, or do something else during a certain disaster; and
- List items useful to have on hand for different disasters.

## Classroom Use:

Discuss the activity with the students. Ask them what they know about earthquakes, floods, hurricanes, etc. Give examples from recent events and/or those which have happened near them.

## Teacher Directions:

Ask students to read or listen to [Natural Disasters and Their Causes](#) in Pebble Go Next. Then, go over the handout with the students. Walk through the power outage example. Inference may be needed to complete the activity sheet. For example, some disasters give no advance notice like the power outage.

Next, glue the Master Disasters spinner handout to a thin 8.5"x11" sheet of cardboard. Cut out the circle with the named disasters. Take the large paper clip and bend the inside end so it's at 90 degrees. Pierce the center of the large circle with the paper clip. Do the same for the circle in the arrow. Push the large circle on to the large paper clip so that the writing faces up. Do the same for the arrow.

Use the Master Disasters spinner to quiz students about the different disasters using the table below. If the spinner falls on Winter Storm, ask the students how much time they would have to prepare, should they leave or stay, and what would be useful to have.



Type of Disaster	How Much Time to Prepare?	Stay, Leave, or Other?	What's Useful?
Earthquake	None	Shelter Then Go Outside	Hard Hat; Portable Radio
Flood	Hours to Days	Leave Early	Life Vest; Waders
Home Fire	None	Leave ASAP	Fire Exit Map; Extinguisher
Hurricane	Hours to Days	Leave Early	Waders; Weather Radio
Power Outage	None	Check Repair Time	Flashlight; Portable Radio
Tornado	Seconds to Minutes	Take Shelter ASAP	Weather Radio
Wildfire	Minutes to Hours	Leave Early	N95 Mask; Weather Radio
Winter Storm	Hours to Days	Stay Inside	Weather Radio

### Extension Activities:

Read or listen to the [Severe Weather Safety / Condiciones climáticas](#) article in Pebble Go or the eBook, [Can We Protect People From Natural Disasters?](#), in Capstone Interactive.

# MASTER DISASTERS



Name: \_\_\_\_\_

Teacher: \_\_\_\_\_

TYPE OF DISASTER	HOW MUCH TIME TO PREPARE?
Earthquake	Hours to Days
Flood	Hours to Days
Home Fire	Hours to Days
Hurricane	Minutes to Hours
Power Outage Citywide	None
Tornado	None
Wildfire	None
Winter Storm	Seconds to Minutes
	STAY, LEAVE, OR OTHER?
	Check Repair Time
	Leave ASAP
	Leave Early
	Leave Early
	Leave Early
	Shelter Then Go Outside
	Stay Inside
	Take Shelter ASAP
	WHAT'S USEFUL?
	Fire Exit Map; Extinguisher
	Flashlight; Portable Radio
	Hard Hat; Portable Radio
	Life Vest; Waders
	N95 Mask; Portable Radio
	Weather Radio
	Weather Radio
	Waders; Weather Radio

Follow these steps:

1. Read or listen to [Natural Disasters and Their Causes](#) in Pebble Go Next.
2. Complete the diagram above for earthquakes, floods, hurricanes, etc.
3. Turn in this sheet to your teacher when finished

## MAKE A MASTER DISASTER SPINNER

Use the spinner to face questions about that kind of disaster.

