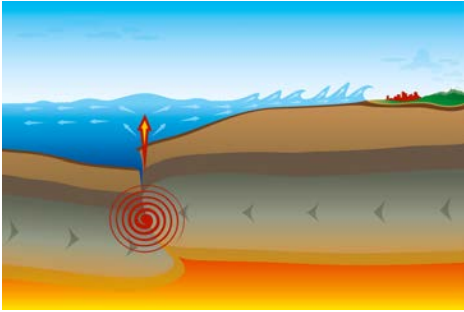# Natural Disasters

Match the words to the pictures.

wind | eruption | rain | tidal wave | storm | earthquake | lava | ash | destroy | death | building | pressure from under the earth | burn | destruction | explode | drown | volcano | changes in the weather | flooding | tremble | fire | cloud | water | tsunami | shift | heat pressure | shake | beach

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

Ask and answer questions about each kind of natural disaster.

1. What is disaster 1/2/3/4/5/6 ?_____

_____

2. Describe it. _____

_____

3. What causes it ?_____

_____

4.What can it do?/ How can it affect humans ?_____

_____

Natural Disasters

1: Types of Natural Disasters
Which types of natural disasters concern you the most? **Check up to three types** and explain why you chose them.

[ ] Earthquakes
[ ] Hurricanes/Cyclones
[ ] Tsunamis
[ ] Wildfires
[ ] Volcanic Eruptions

Explain why you chose these types:

_____

_____

2: Impacts of Natural Disasters
Rank the following impacts of natural disasters **from 1 to 5**, based on what you think is the most severe consequence, with 1 being the most severe.

[ ] Displacement of people
[ ] Property and infrastructure damage
[ ] Economic disruption
[ ] Environmental degradation
[ ] Loss of human life

Explain why you ranked the top impact as the most severe:

_____

_____

3: Preparedness Measures
Sort the following preparedness measures into two categories: **Most Important (M) and Least Important (L)**. Use checkboxes to indicate your choice.

[ ] Early warning systems
[ ] Emergency supplies and kits
[ ] Evacuation plans and drills
[ ] Building codes and reinforcement
[ ] Public education and awareness

Explain why you categorized these measures as Most Important or Least Important:

_____

_____

Vocabulary Matching

1. **Tsunami, Beach, Water, Destroy** - Picture 1 depicts a tsunami hitting a beach, with water causing destruction.
2. **Flood, Rain, Water, Drown** - Picture 2 shows flooding, likely caused by heavy rain, with water levels high enough to drown.
3. **Volcano, Eruption, Ash, Lava** - Picture 3 illustrates a volcanic eruption with lava and ash being expelled.
4. **Earthquake, Shake, Tremble, Destroy, Buildings** - Picture 4 represents an earthquake, with buildings shaking and trembling, leading to destruction.
5. **Storm, Wind, Rain, Destruction** - Picture 5 shows a storm with strong winds and rain causing destruction.
6. **Fire, Burn, Forest, Trees** - Picture 6 shows a wildfire, with trees burning in a forest.

Example Answers for Questions

Disaster 1: Tsunami

1. What is disaster 1?
   - "Disaster 1 is a tsunami."
2. Describe it.
   - "A tsunami is a series of large ocean waves with extremely powerful energy and speed, often caused by underwater earthquakes."
3. What causes it?
   - "Tsunamis are usually caused by seismic activities such as underwater earthquakes, volcanic eruptions, or landslides."
4. What can it do? How can it affect humans?
   - "Tsunamis can cause massive destruction along coastlines, flooding areas, destroying buildings, and endangering lives."

Disaster 3: Volcanic Eruption

1. What is disaster 3?
   - "Disaster 3 is a volcanic eruption."
2. Describe it.
   - "A volcanic eruption is the release of material from the Earth's crust, including lava, ash, and gases, from a volcano."
3. What causes it?
   - "It is caused by the movement of tectonic plates and pressure from magma beneath the Earth's surface."
4. What can it do? How can it affect humans?
   - "Volcanic eruptions can devastate surrounding areas, cause air travel disruption, and impact climate patterns."

Possible Answers for Teacher's Reference:

Exercise 1: Types of Natural Disasters

Selected Types:
 Earthquakes
 Tsunamis
 Wildfires

Explanation:
I chose earthquakes and tsunamis because they can strike with little warning and cause massive destruction. Wildfires are also concerning as they are becoming more frequent and intense due to climate change.

Exercise 2: Impacts of Natural Disasters

Top Ranked Impact:
 Loss of human life

Explanation:
I ranked loss of human life as the most severe impact because it is irreversible and has profound effects on families and communities. While other impacts are devastating, they can be rebuilt or recovered from over time.

Exercise 3: Preparedness Measures

Sorted Measures:
 Early warning systems (M)
 Emergency supplies and kits (M)
 Evacuation plans and drills (M)
 Building codes and reinforcement (L)
 Public education and awareness (M)

Explanation:
Early warning systems, emergency supplies, evacuation plans, and public education are most important as they directly save lives and help people respond effectively during disasters. While building codes are crucial for long-term resilience, they may have less immediate impact during a disaster.