

**Discipline: English**

**Class: 8 A and B**

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**Theme: Natural disasters**

## VOLCANOES!



A volcano is a mountain where lava (hot, liquid rock) comes from the ground. Most volcanoes have a crater at the top. When a volcano is active, materials come out of it. The materials include lava, steam, gases, ash and broken rock pieces. When there is enough pressure, it causes the volcano to erupt. The pressure blows off the top of the volcano. The magma comes out, sometimes quickly and

sometimes slowly. Magma and lava are the same thing, but in different places. When it is underground we call it magma, but when it erupts to the surface we call it lava. On Earth, we have about 1500 volcanoes. They are all over the world, and in every continent. Volcanoes are found on planets other than Earth. An example is Olympus Mons on Mars.

An active volcano is currently erupting, or it has erupted in the last 10,000 years. An example of an active volcano is Eyjafjallajökull in Iceland.

A dormant volcano is "sleeping," but it could awaken in the future. Mount Kilimanjaro in Tanzania is a dormant volcano.

An extinct volcano has not erupted in the past 10,000 years, and is now completely safe. Edinburgh Castle in Scotland is located atop an extinct volcano. They have even built a city around it!



(Edinburgh in Scotland)



(Mount Kilimanjaro in Tanzania)

## VOCABULARY

1) Find the words below in the text. The first one is done.

- |            |                |                      |       |
|------------|----------------|----------------------|-------|
| a) Vulcão  | <u>volcano</u> | f) Adormecido        | _____ |
| b) Fogo    | _____          | g) Ativo             | _____ |
| c) Cratera | _____          | h) Erupção           | _____ |
| d) Cinza   | _____          | i) Gás               | _____ |
| e) Extinto | _____          | j) Terra (o planeta) | _____ |

## READING COMPREHENSION

2) TRUE OR FALSE?

- a) Earth is the only planet with volcanoes. ( )
- b) There are no volcanoes in Europe, only in Asia and Australia. ( )
- c) Magma and Lava are the same thing. ( )
- d) Kilimanjaro is a volcano in South Africa. ( )
- e) Active volcanoes are volcanoes that have erupted in the last 10 000 years. ( )

## PERSONALIZING

3) Time to research. Are there active volcanoes in Brazil? Why? (Hora de pesquisar. Há vulcões ativos no Brasil? Por quê?)