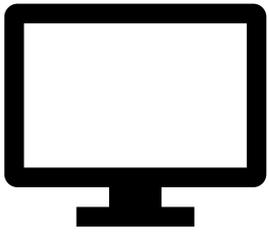


VOLCANOES



DIGITAL



PRINT

VOLCANOES

A volcano is an opening in the Earth's crust. The name "volcano" comes from Vulcan, a god of fire in Roman mythology. In the world there are about 1500 active volcanoes. A hot, liquid rock called lava erupts to the surface. The Earth's core (center), is almost as hot as the surface of the sun. All the energy inside the Earth needs somewhere to escape.

An erupting volcano can cause other natural disasters such as earthquakes or tsunamis. During a volcanic eruption, hot gasses, lava, ash, steam, and broken rock bursts out of a crater at the top of a volcano. Volcanic eruptions can send ash up to 17 miles above the Earth's surface.

Common volcanic gases include sulfur dioxide, hydrogen sulfide, hydrogen chloride, water vapor, carbon dioxide, and hydrogen fluoride. When the rock beneath the Earth's surface gets really hot, it becomes molten or liquid. This liquid is called magma.

As pressure in the molten rock builds up, the magma forces its way up through cracks in the Earth's crust, called fissures. Sometimes, the lava will flow back into the fissure of which it erupted from.

Once the magma erupts through a volcano, it is called lava. Lava is extremely hot and can reach up to 2000 degrees Celsius. The hotter the lava, the further it will flow on the Earth's surface.

Fresh lava appears to glow red and white as it flows. Layers of hardened lava build up over time into the mountain-like formations called volcanoes. The lava will eventually stop flowing and harden into rocks. Rocks that are formed from the cooling lava are called igneous rocks.

The crust, or the Earth's surface, is made up of huge plates. These are massive sections of the Earth's crust and upper mantle. Volcanoes are generally located where the Earth's tectonic plates meet.

Roughly how many active volcanoes exist in the world? *

- 2000
- 1000
- 200
- 1500

What is molten rock below the surface called? *

- Larvae
- Lava
- Magma
- None of the above

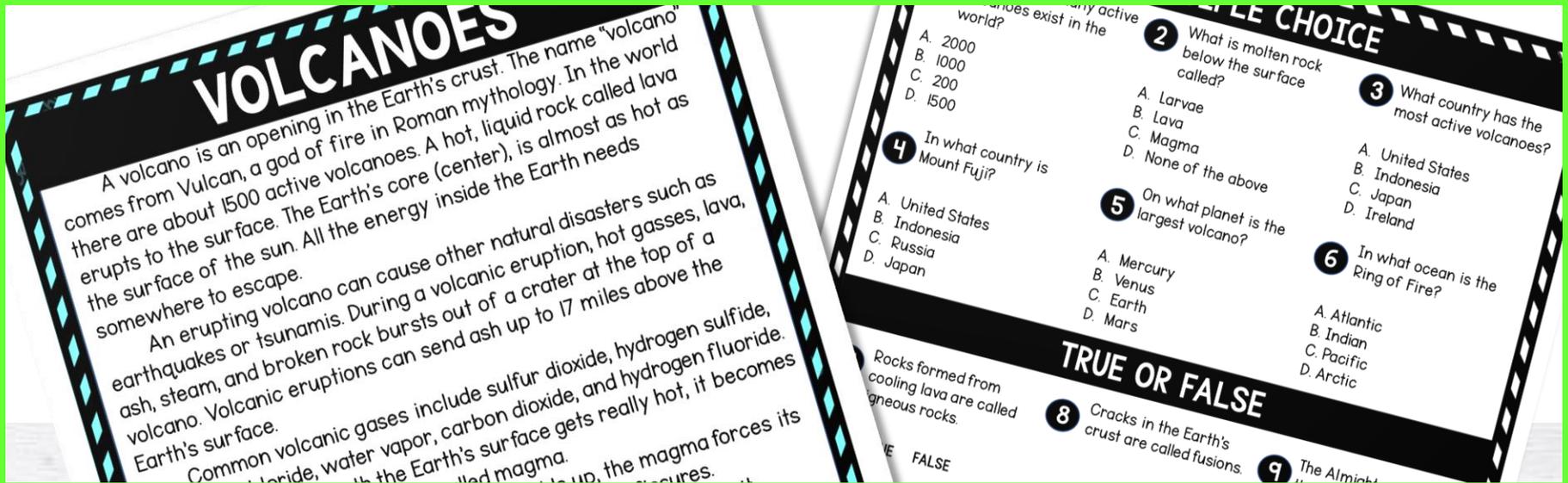
What country has the most active volcanoes? *

- United States
- Indonesia
- Japan
- Ireland



READING PASSAGE

15 QUESTIONS



DIGITAL OR PRINT



INCLUDED

- ✓ READING PASSAGE
- ✓ TEACHER DIRECTIONS
 - ✓ ANSWER KEY
 - ✓ 15 QUESTIONS
 - ✓ SELF-GRADING
- ✓ PRINTABLE VERSION
- ✓ DIGITAL VERSION



QUESTION TYPES

-  **MULTIPLE CHOICE (6)**
-  **TRUE OR FALSE (9)**
-  **EDITABLE QUESTIONS
(FOR DIGITAL VERSION)**

True

False



STUDENTS NEED

✓ ACCESS TO GOOGLE CLASSROOM™
(IF USING THE DIGITAL FORMAT)

✓ GOOGLE™ ACCOUNTS

✓ KNOW HOW TO ZOOM IN AND ZOOM OUT TO
ENLARGE OR SHRINK THE SCREEN

True

False



BENEFITS

-  SELF-GRADING
-  IMMEDIATE STUDENT FEEDBACK
-  PAPERLESS
-  NO PREP
-  SAVES YOU TIME
-  COMPREHENSION PRACTICE



OPTIONS



FRONT-LOADING



GROUP STATIONS



SUB PLANS



UNIT REVIEW



ENRICHMENT ACTIVITY



DIGITAL



PRINTABLE

