

Volcanoes.

1. Complete the activities listed.



First watch these videos; [1](#) [2](#) [3](#) [4](#)

Task 1:

You can also follow this [LINK](#)

- a. What is a volcano?
- b. Where do volcanoes form?
- c. Name the main two regions on earth where most volcanoes form.
Insert an image of these regions here.

D. Types of Volcanoes.and Explain them.

E. Write down shapes of Volcanoes.

F. Difference between Magma and Lava.

G. Name the world's largest Active volcano.

Task 2:

Using the information from the presentation - Born of Fire - complete the sentences below.

- **Convergent plate boundaries:**

When a plate _____ under another plate, the subducted plate will _____ under extreme _____ in the _____.

The resulting _____ flows out from the mantle through the _____ in the plate and out onto Earth's surface. The magma will then harden and form _____, slowly forming a volcano.

Copy and paste an image of this process here.

- **Divergent plate boundaries:**

As the plates move _____ from each other at divergent boundaries, the _____ becomes thinner.

A set of deep _____ form in the rift zone. _____ rises from the _____ through the cracks. Cooling and _____ then occurs. This creates more _____.

Copy and paste an image of this process here.

- **Within plates:**

When volcanoes occur _____ plates it is due to _____.

Hotspots are areas of extremely hot _____ rising from _____ the plate at the core-mantle boundary.

However, the _____ is situated above the plate, so the volcano moves along with the plate.

Since the hot spot does not move, the volcano becomes _____ as it is cut off from its magma source.

A new volcano then forms on top of the hot spot and the cycle continues.

Some examples are the Hawaii and Pacific chain islands.

Copy and paste an image of this process here.