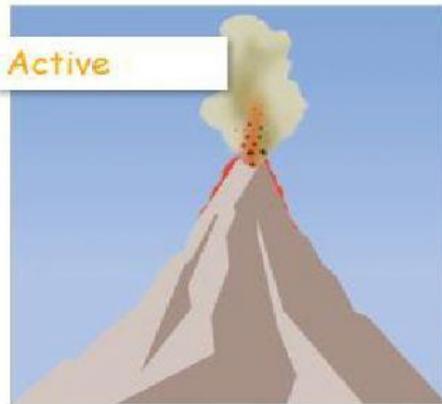


The lifecycle of a volcano:

There are three parts to a volcano's life.

A volcano can be Active, Dormant or Extinct.

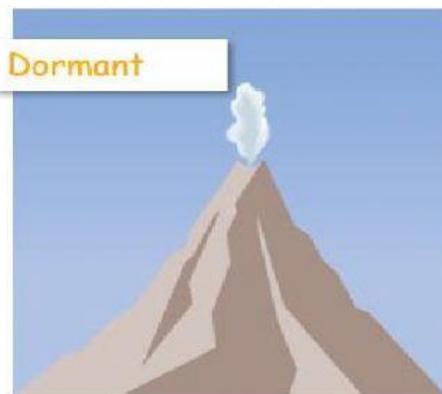


Active

Any volcano that has erupted in the past 10,000 years.

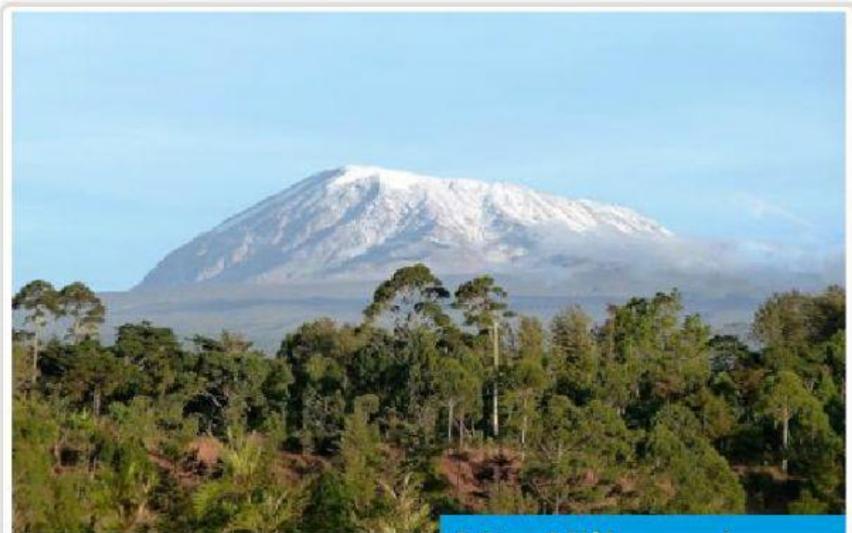


La Palma, Canary Islands



Dormant

A volcano that has not erupted in the past 10,000 years but is expected to erupt again in the future.



Mt. Kilimanjaro

Extinct



A volcano that is never expected to erupt again.



Mount Kenya

The lifecycle of a volcano: Fill in the blanks!

1. There are _____ parts to a volcano's life.

2. A volcano can be _____, _____ or _____.

3. An active volcano is one that

_____.

An example of an active volcano is _____.

4. A dormant volcano is one that

_____.

An example of a dormant volcano is _____.

4. An extinct volcano is one that _____

_____.

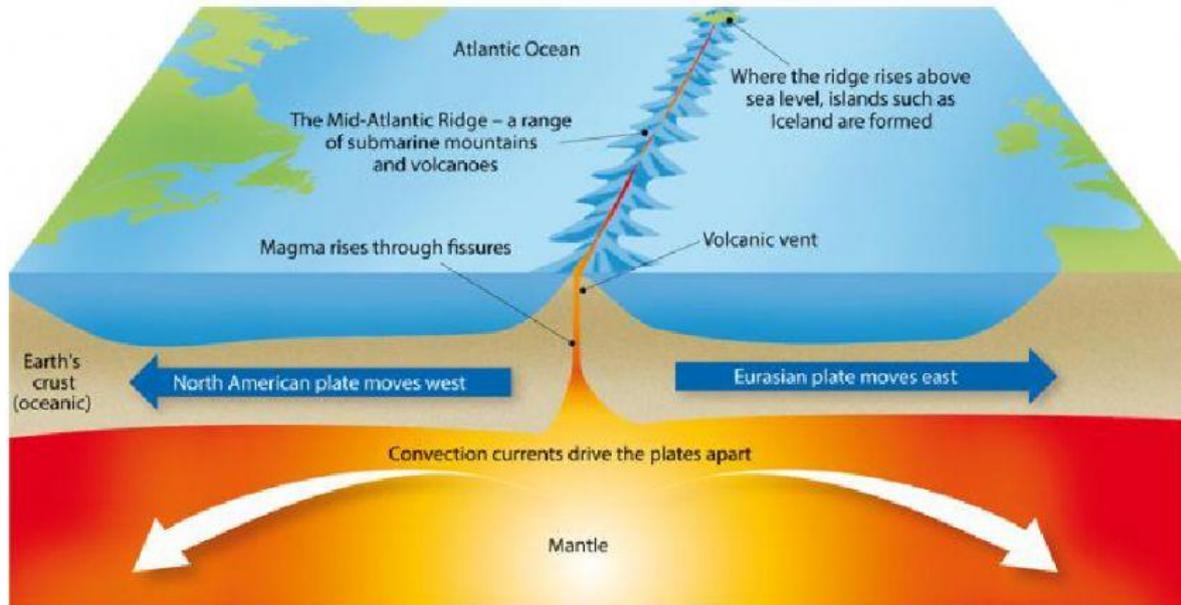
An example of an extinct volcano is

_____.

Mid-Ocean Ridges

What is a mid-ocean ridge?

A **mid-ocean ridge** can be found in the middle of the Atlantic Ocean. This is where the **Mid-Atlantic Ridge** is located. It is a narrow chain of submarine mountains and volcanoes.

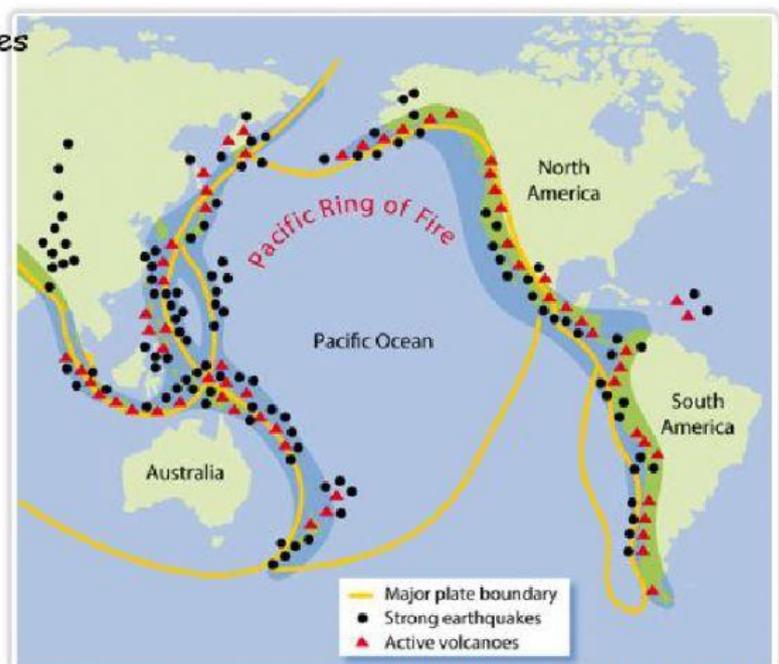


The Pacific ring of fire

- Contains many plate boundaries
- Home to 75% of the earth's active volcanoes
- Where 90% of the world's earthquakes occur

Fun Fact!

Most of the volcanoes on the Pacific Ring of Fire are underwater.



Volcanoes

c o r e i b p v d e o r j e
c v i o a m a b s g l i e k
r a n a s a c t i v e d r f
u s g v t n z p l e c t u a
s o o l o t u e l a v a p m
t g f a u l t i u f e s t a
l x f o f e i j e u n c i g
u u i l r l u o x g t o o m
d o r m a n t q t o d n n a
a m e c f y a n i e h d o i
e y e a u h q u n t v u n e
w v o l c a n o c a n i t a
o p i m v i o b t w l t m k
c r a t e r h a o c a s h o

volcano	crust	extinct	
fault	core	vent	
mantle	sill	conduit	crater
ring of fire	lava	eruption	ash
active	dormant	magma	

Finished? How many of the words in the box can you write the definitions for?