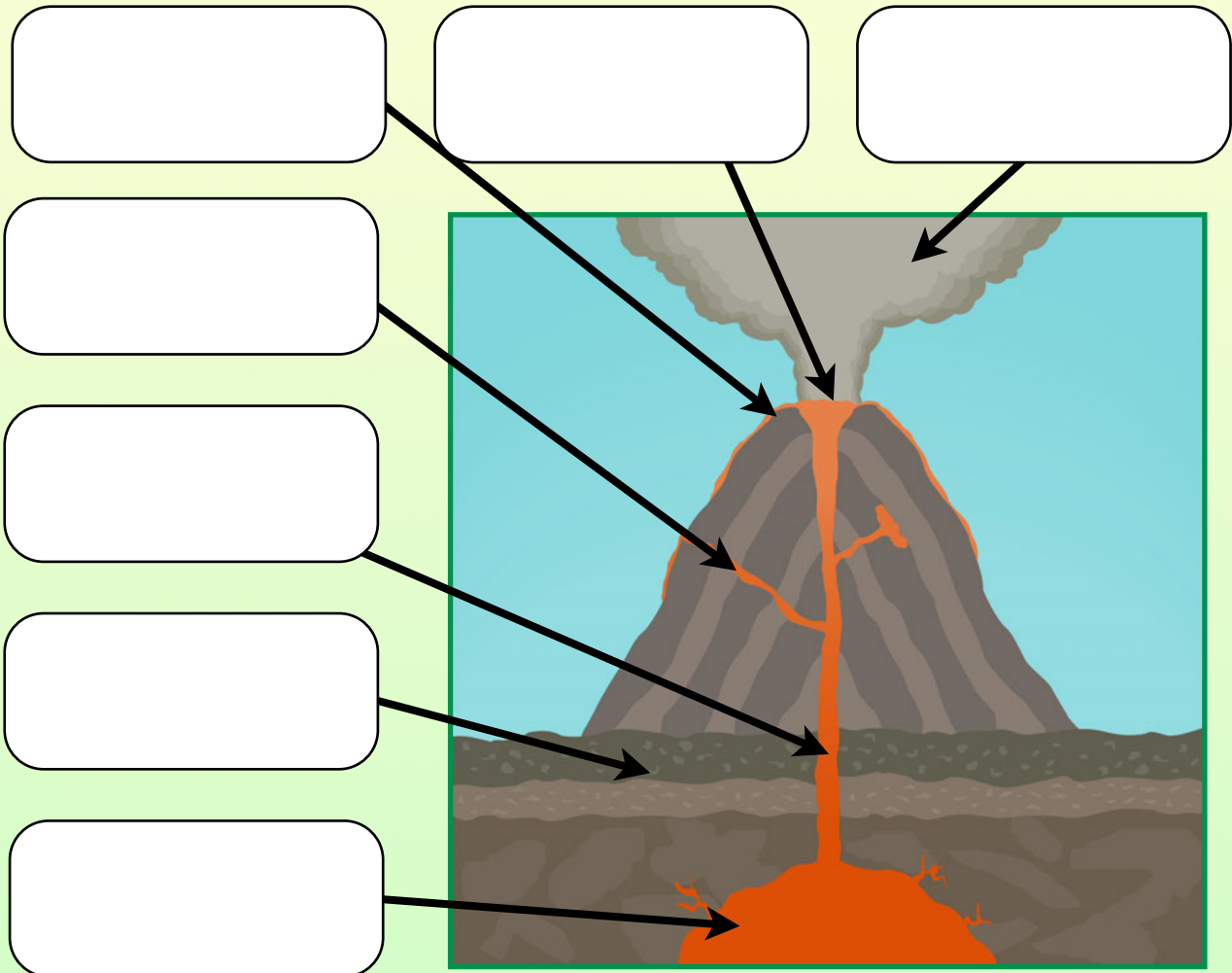


Name: \_\_\_\_\_ Date: \_\_\_\_\_



Use the words at the bottom of the page to help you label this diagram and fill in the missing words. Can you remember the three types of volcanoes?



Volcanoes are all around the world. There are three types of volcanoes.

\_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

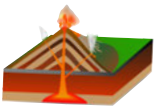
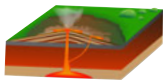
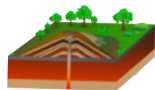



Some volcanoes are \_\_\_\_\_ and some are \_\_\_\_\_.

Earth's crust	lava	vent	composite
magma	throat	active	dome
ash cloud	conduit	dormant	shield

Name: \_\_\_\_\_ Date: \_\_\_\_\_



Can you explain in your own words what these forms and types of volcanoes are?

Formation and type of volcano	Your explanation
 <div>Composite volcano</div>	
 <div>Shield volcano</div>	
 <div>Dome volcano</div>	
 <div>Extinct volcano</div>	
 <div>Dormant volcano</div>	
 <div>Active volcano</div>	

Name: \_\_\_\_\_ Date: \_\_\_\_\_



Can you draw your own diagrams of the three types of volcanoes and label them? Can you explain how each type forms?

Composite Volcano

Shield Volcano

Dome Volcano

## St Helens



Mount St Helens is a volcano in America.

Height	2,549 m
Number of eruptions	40
Last eruption	2008

## Surtsey



Surtsey is a volcano in Iceland.

Height	276 m
Number of eruptions	10
Last eruption	1973

## Katmai



Katmai is a volcano in America.

Height	2,047 m
Number of eruptions	1
Last eruption	1912

## Hekla



Hekla is a volcano in Iceland.

Height	1,419 m
Number of eruptions	65
Last eruption	2000

## Kilauea



Kilauea is a volcano in Hawaii.

Height	1,222 m
Number of eruptions	50+
Last eruption	2015

## El Chichon



El Chichon is a volcano in Mexico.

Height	1,150 m
Number of eruptions	13
Last eruption	1987

## Mt Rainier



Mt Rainier is a volcano in America.

Height	4,397 m
Number of eruptions	21
Last eruption	1894

## Cotopaxi



Cotopaxi is a volcano in Ecuador.

Height	5,911 m
Number of eruptions	50+
Last eruption	1940

## Hudson



Hudson is a volcano in Chile.

Height	1,905 m
Number of eruptions	15
Last eruption	2011

## Villarrica



Villarrica is a volcano in Chile.

Height	2,847 m
Number of eruptions	50+
Last eruption	2015

## Etna



Etna is a volcano in Italy.

Height	3,330 m
Number of eruptions	100+
Last eruption	2015

## Santorini



Santorini is a volcano in Greece.

Height	367 m
Number of eruptions	12
Last eruption	1950



## Ararat



Ararat is a volcano in Turkey.

Height	5,165 m
Number of eruptions	3
Last eruption	1840

## Kilimanjaro



Kilimanjaro is a volcano in Tanzania.

Height	5,895 m
Number of eruptions	0
Last eruption	unknown

## Krakatau



Krakatau is a volcano in Indonesia.

Height	813 m
Number of eruptions	50+
Last eruption	2014

## Mayon



Mayon is a volcano in the Philippines.

Height	2,462 m
Number of eruptions	61
Last eruption	2014

## Fuji



Fuji is a volcano in Japan.

Height	3,776 m
Number of eruptions	50+
Last eruption	1708

## Unzen



Unzen is a volcano in Japan.

Height	1,483 m
Number of eruptions	11
Last eruption	1996

## Awu



Awu is a volcano in Indonesia.

Height	1,320 m
Number of eruptions	16
Last eruption	2004

## Tarawera



Tarawera is a volcano in New Zealand.

Height	1,111 m
Number of eruptions	31
Last eruption	1981

## White Island



White Island is a volcano in New Zealand.

Height	321 m
Number of eruptions	34
Last eruption	2013

## Tambora



Tambora is a volcano in Indonesia.

Height	2,850 m
Number of eruptions	7
Last eruption	1967

## Paricutin



Paricutin is a volcano in Mexico.

Height	3,860 m
Number of eruptions	10
Last eruption	1952

## Jorullo



Jorullo is a volcano in Mexico.

Height	1,330 m
Number of eruptions	1
Last eruption	1174

## Stromboli



Stromboli is a volcano in Italy.

Height	931 m
Number of eruptions	40+
Last eruption	2015

## Galunggung



Galunggung is a volcano in Indonesia.

Height	2,168 m
Number of eruptions	6
Last eruption	1984

## Mauna Loa



Mauna Loa is a volcano in Hawaii.

Height	4,171 m
Number of eruptions	39
Last eruption	1984

## Acatenango



Acatenango is a volcano in Guatemala.

Height	3,976 m
Number of eruptions	8
Last eruption	1972

## Bam



Bam is a volcano in Papua New Guinea.

Height	685 m
Number of eruptions	15
Last eruption	1960

## Iliamna



Iliamna is a volcano in Alaska.

Height	3,053 m
Number of eruptions	3
Last eruption	1953





## Top Trumps Instructions



**Follow these instructions to play the Top Trumps volcano game.**

1. Find a partner to play with.
2. Divide the cards between you and your partner. You should get 15 cards each.
3. Choose someone to play first. This person must read out one of their categories on any of their cards. The other person reads out the same category and the person with the highest number wins that card and keeps it.
4. If the value is the same no one wins and the next player takes their turn.
5. The person with the most cards wins the game.



## Top Trumps Instructions



**Follow these instructions to play the Top Trumps volcano game.**

1. Find a partner to play with.
2. Divide the cards between you and your partner. You should get 15 cards each.
3. Choose someone to play first. This person must read out one of their categories on any of their cards. The other person reads out the same category and the person with the highest number wins that card and keeps it.
4. If the value is the same no one wins and the next player takes their turn.
5. The person with the most cards wins the game.





Use the words at the bottom of the page to help you label this diagram and fill in the missing words. Can you remember the three types of volcanoes?

LAVA

THROAT

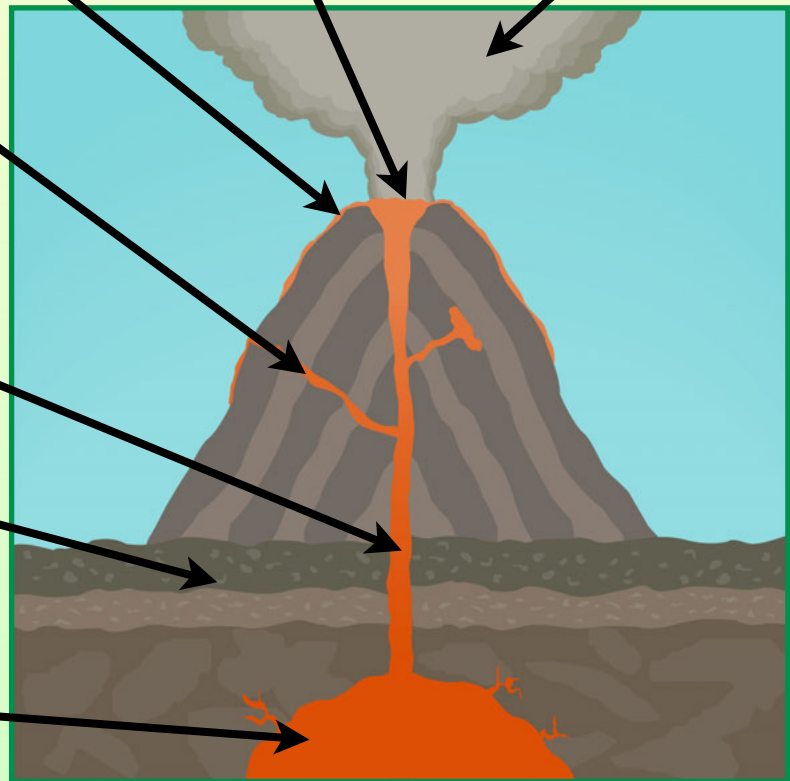
ASH CLOUD

CONDUIT

VENT

EARTH'S  
CRUST

MAGMA



Volcanoes are all around the world. There are three types of volcanoes.

**COMPOSITE**

**DOMES**

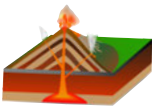
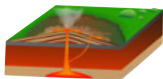
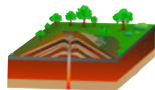



**SHIELD**

Some volcanoes are **ACTIVE** and some are **DORMANT**.

Earth's crust	lava	vent	composite
magma	throat	active	dome
ash cloud	conduit	dormant	shield

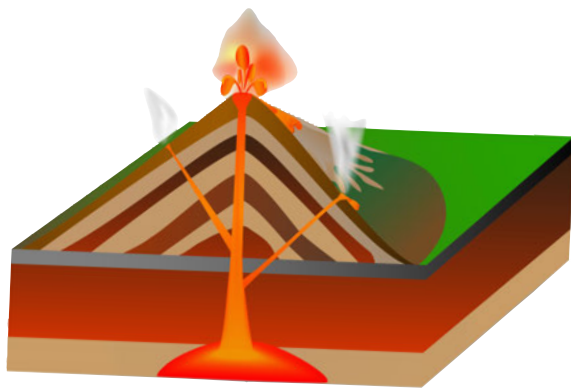


Can you explain in your own words what these forms and types of volcanoes are?

Formation and type of volcano	Your explanation
 <div>Composite volcano</div>	Composite volcanoes are also known as Stratovolcanoes. These volcanoes can grow very tall. Composite volcanoes are made of lots of layers of hardened lava. The lava that flows from these volcanoes cools and hardens before spreading too far. This means the layers build up on top of each other, making the volcano higher.
 <div>Shield volcano</div>	Shield volcanoes are built by slow-flowing lava. They look like a warrior's shield, that's why they are called shield volcanoes. These volcanoes are low in height and spread out across the ground. The lava that flows from these volcanoes spreads slowly, making them look like small hills.
 <div>Dome volcano</div>	Dome volcanoes are much smaller than composite volcanoes. They form when ash and rock fragments pile up around the vent of the volcano. This forms a circular/oval shape at the top. The rocks at the top of these volcanoes are called cinders. Cinders are melted volcanic rocks that cool and form pebble-sized pieces.
 <div>Extinct volcano</div>	This means a volcano has not erupted in the past 10,000 years and is not expected to erupt again.
 <div>Dormant volcano</div>	This means a volcano has not erupted for a while but could possibly erupt again.
 <div>Active volcano</div>	This means a volcano has erupted in the past 10,000 years.

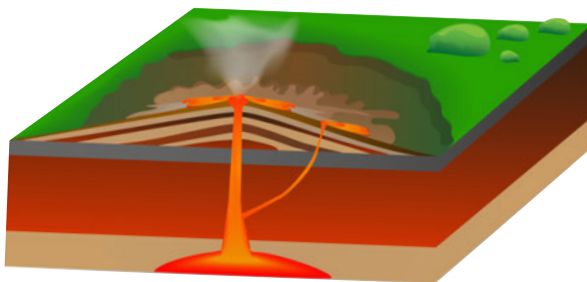


Can you draw your own diagrams of the three types of volcanoes and label them? Can you explain how each type forms?



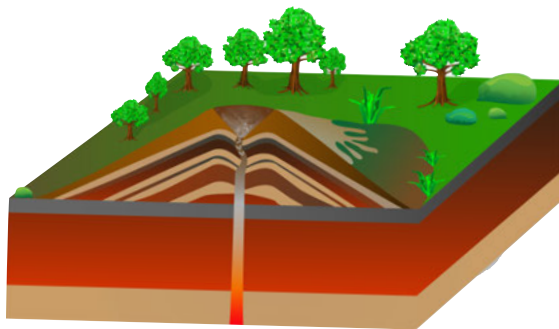
Composite Volcano

Composite volcanoes are also known as stratovolcanoes. These volcanoes can grow very tall. Composite volcanoes are made of lots of layers of hardened lava. The lava that flows from these volcanoes cools and hardens before spreading too far. This means the layers build up on top of each other, making the volcano higher.



Shield Volcano

Shield volcanoes are built by slow-flowing lava. They look like a warrior's shield, that's why they are called shield volcanoes. These volcanoes are low in height and spread out across the ground. The lava that flows from these volcanoes spreads slowly, making them look like small hills.



Dome Volcano

Dome volcanoes are much smaller than composite volcanoes. They form when ash and rock fragments pile up around the vent of the volcano. This forms a circular/oval shape at the top. The rocks at the top of these volcanoes are called cinders. Cinders are melted volcanic rocks that cool and form pebble-sized pieces.