

Aim

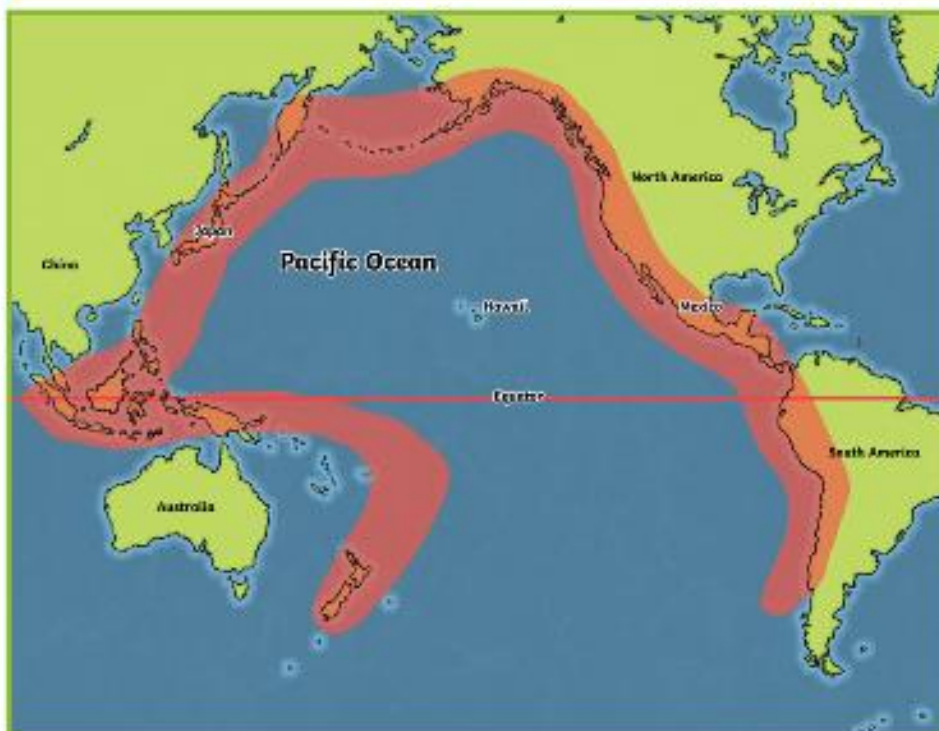
- To explain how volcanoes affect people's lives.

Success Criteria

- I can tell you where volcanoes are found.
- I can use extinct, dormant and active when describing volcanoes.
- I can list the risks and benefits of living near to a volcano.

Where Are Most Volcanoes Located?

Look at this map.



Most volcanoes are located in the red area, which is named "Ring of Fire".

Why do you think it is called that?

What Do They Mean?



active

A volcano that has erupted in the last 10 000 years.

dormant

A volcano that hasn't erupted in the last 10 000 years, but may erupt again.



extinct

A volcano that hasn't erupted in the last 10 000 years, and isn't expected to erupt again.

Would You Like to Live Near These Volcanoes?



Why Do People Live Near Volcanoes?

In your group, sort your cards into two piles:

For

Against

Which is the most important reason against?

Which is the most important reason for?

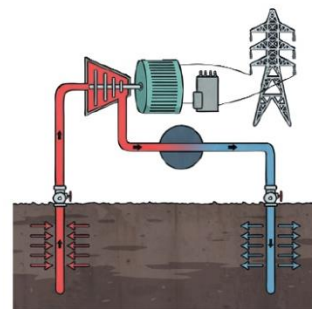
Do the risks seem worth taking?

Would you want to live near to a volcano?



Farming near a volcano can be really good, because the volcanic soil can produce very good crops.

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Volcanic regions can produce geothermal energy, which is clean and renewable.

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Ash can destroy farm crops.

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Volcanoes are tourist attractions bringing money and jobs to the area.

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Buildings can be destroyed by lava flow.

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Scientists can predict when a volcano will erupt.

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Dormant volcanoes may not erupt for hundreds of years.

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The isolated slopes of volcanoes are good habitats for rare plants and animals.

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Minerals and rocks made from volcanic lava are mined and used for building materials, bringing jobs to the area.

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People can be swept away by pyroclastic flows or lahars (mudflows).

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Ash can cause health problems for people and animals.



Frequent earthquakes can damage property.