

JEOPARDY

Mrs. Beyenhof's Class

Chapter 10

6th Grade Science

THE RULES

- | Competing teams will be selected.
- | Everyone will actively participate.
- | Each team will decide on a “batting order”. Please write it down.
- | No penalties for wrong answers, so try.
- | Each team will be rewarded with points.
- | Be positive, encourage your teammates.
- | ALEX is the Judge, all decisions are final.

Jeopardy

Volcanoes

More
Volcanoes

Volcano
Locations

Types of
Volcanoes

Igneous
Rocks

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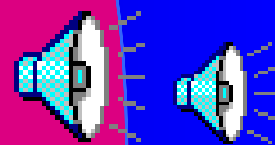
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End of Round

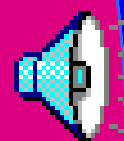
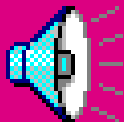
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- | These volcanoes are erupting or have erupted recently, and are expected to erupt again in the near future.
- | What are active volcanoes?



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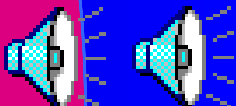
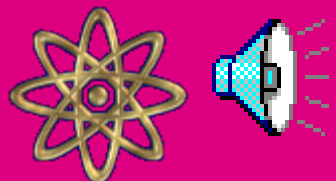
- | Magma is “stored” within a volcano inside this place.
- | What is the magma chamber?



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Once magma leaves the vent of a volcano it is known as _____.

What is?

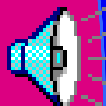


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| Melted rock located **within** Earth's crust is known as

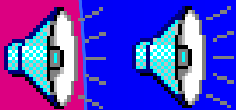
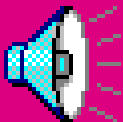
_____.

| What is magma?



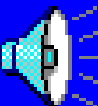
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- | A _____ may form on the caldera floor if magma begins to return up the conduit.
- | What is a resurgent dome?



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- | These volcanoes are not active now, but MAY become active again in the future.
- | What are dormant?



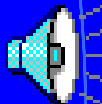
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- | These volcanoes are at the END of their life and are no longer able to erupt.
- | What are extinct?



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- | Rock under _____ pressure melts at a higher temperature.
- | What is high?



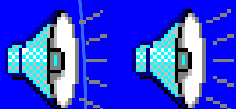
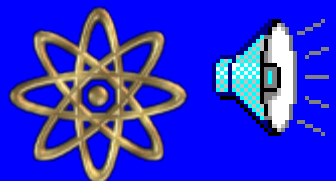
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- | Rock that contains _____ melts at a lower temperature.
- | What is water?



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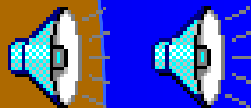
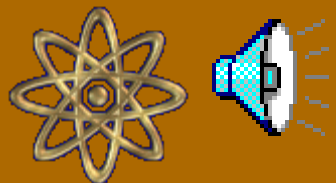
- | Magma may move upward in a sheet, which is called a _____.
- | What is a dike?



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- | Magma may leave a volcano gently or with violent force from the opening known as the _____.
- | What is the vent?

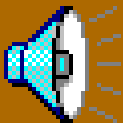


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Ship Rock in New Mexico and Devil's Tower National Monument are examples of _____.

What are volcanic necks?

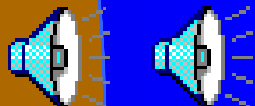
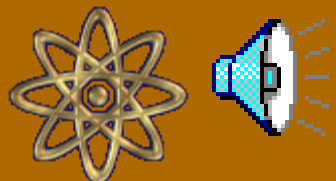


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When basalt magma repeatedly oozes out at a mid-ocean ridge and hits the cold seawater it forms _____.

What is pillow lava?

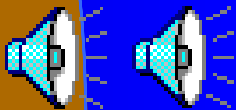
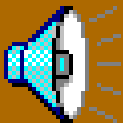


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| These volcanoes are formed by LOWER PRESSURE but are NOT formed at a tectonic plate boundary.

| What are volcanic islands?



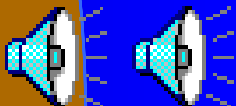
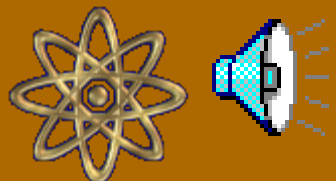
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| The Hawaiian Islands are an example of a _____

_____.

| What is a volcanic island chain?

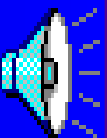


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| Volcanoes near subduction zones tend to form magma that is high in _____.

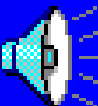
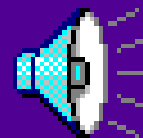
| What is silica?



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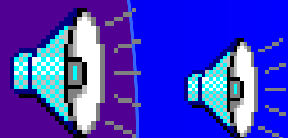
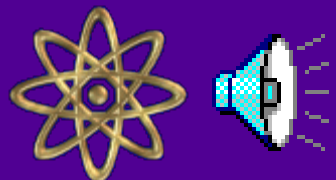
- | A(n) _____ is a string of volcanic islands that will form along the lip of the upper plate if the subduction zone is in open water.
- | What is an island arc?



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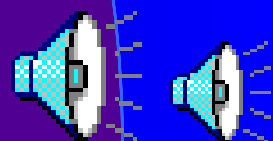
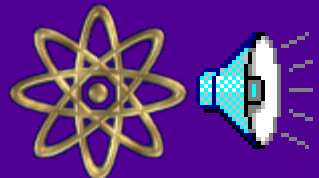
- | Volcanic islands are formed when _____ bring up material from deep within the lower mantle to the surface.
- | What are plumes?



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- | When lava formed from thick magma piles up around a vent, it forms a tall volcano called a(n) _____.
- | What is a stratovolcano?

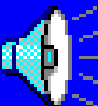
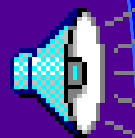


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| Pyroclastic flow is lava and exploding material that typically comes from a _____.

| What is a stratovolcano?



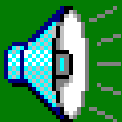
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| Low amounts of silica
make magma that is

_____.

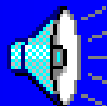
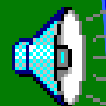
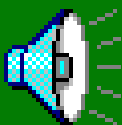
| What is runny?



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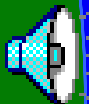
- | _____ igneous rocks are formed when lava cools quickly on Earth's surface.
- | What is Extrusive?



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- | Igneous rocks form by _____ and _____ magma or lava.
- | What are cooling and solidifying?

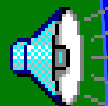


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| When the gases in high-silica magma “puff up” as the rock cools, _____ is formed.

| What is pumice?



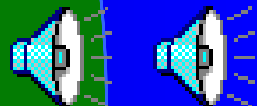
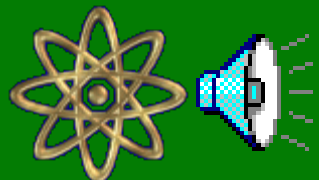
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| TRUE or FALSE?

Igneous rocks formed underground have large crystals.

| What is TRUE?



**Thank You for
Playing Jeopardy**