

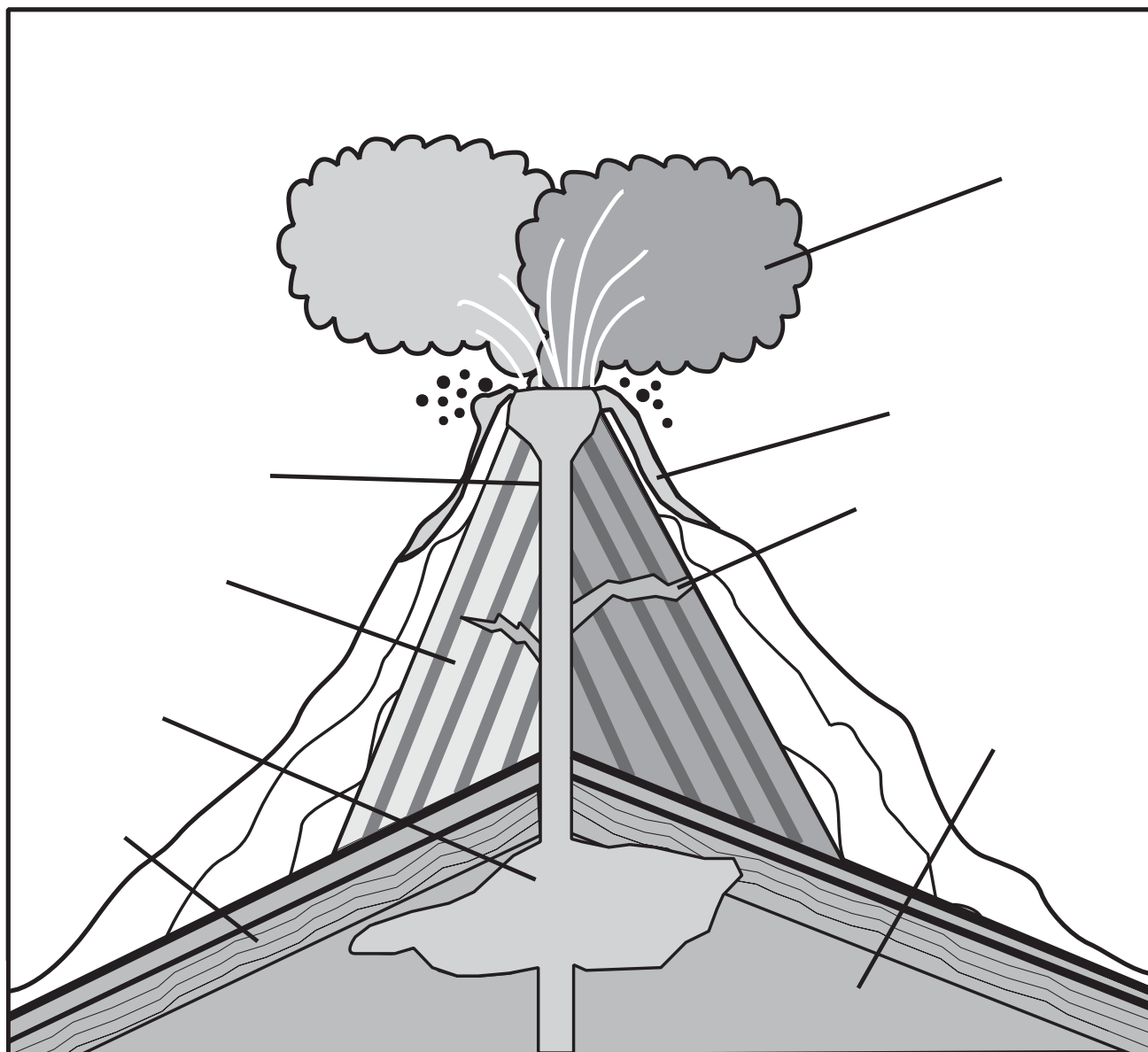
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by Seymour Simon (Mulberry Books, imprint of Morrow, 1995)	5
<i>(Also available from Gage Distributors, Canada; International Book Distributors, UK; Kirby Book Company, AUS)</i>	
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Parts of a Volcano

Directions: Use the list below to identify and label the parts of a volcano.

- magma chamber
- central vent
- mantle
- ash clouds
- lava
- conduit (side vent)
- lava layers
- rock layers (igneous, sedimentary, and metamorphic)



Coral Atoll Islands

Directions: Read about Coral Atoll Islands in Fundamental Facts below. Cut out the pictures and description boxes at the bottom of the page. On a separate sheet of paper, glue each picture next to the description that best matches it.

Fundamental Facts

Atoll islands are a group of coral islands, shaped in a ring or horseshoe, which grow over a sunken volcano. Atoll islands all have a large, shallow lagoon in their centers. The Marshall Islands, located in the central North Pacific Ocean, are a group of atoll islets and coral reefs. Kwajalein is the largest atoll in the Marshall islands. Many atoll islets and rings of coral are scattered throughout the channel that separates the Great Barrier Reef from the coast of Australia. The Great Barrier Reef, a chain of coral reefs off the northeastern coast of Australia, has the largest deposit of coral in the world.

How a Coral Atoll Island is Formed

1. An underwater volcano breaks through the ocean floor and erupts, sending red-hot lava high into the sky. The lava hardens as it hits the cool ocean water. The lava forms a small island that projects above the water.

2. After the eruption, the volcano begins to sink slowly back into the ocean. Coral builds and forms a ring around the sinking volcano.

3. The volcano sinks further into the ocean until it is no longer visible above the water. The coral continues to build around the volcano forming a shallow lagoon in the center of many coral islets.

4. Vegetation grows, and animals take up residence on the coral islets.

