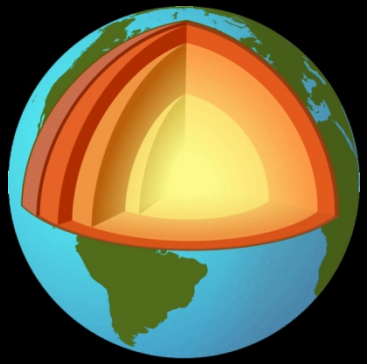
# Plate Tectonics

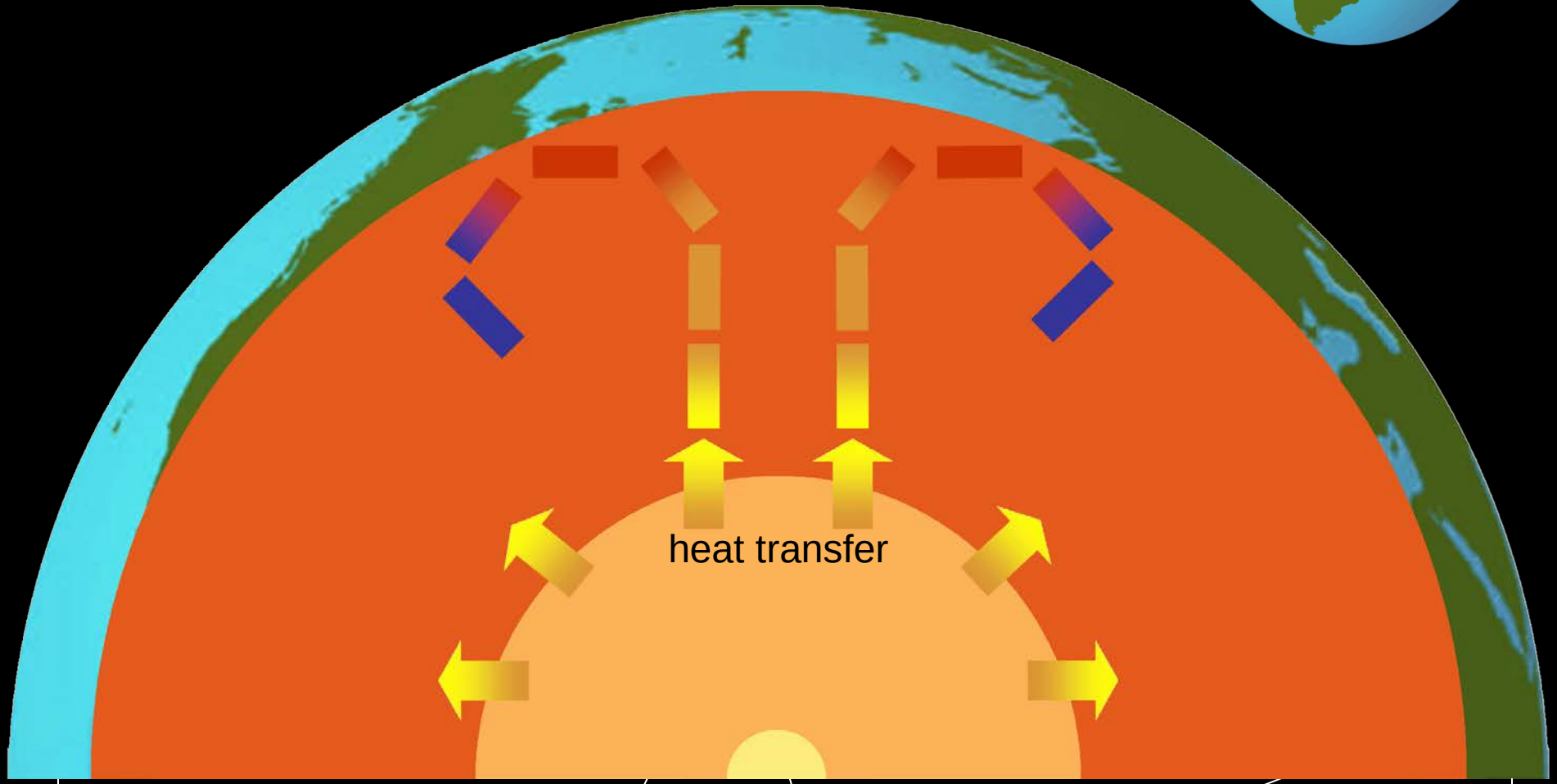
Grade 4 Unit 8

# Topics Covered:

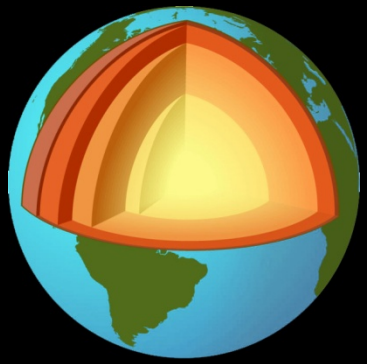
- Parts of the earth
- Heat transfer and crustal plates
- Tectonic plates
- Divergent, Convergent, & Transform Boundaries
- Hot spots

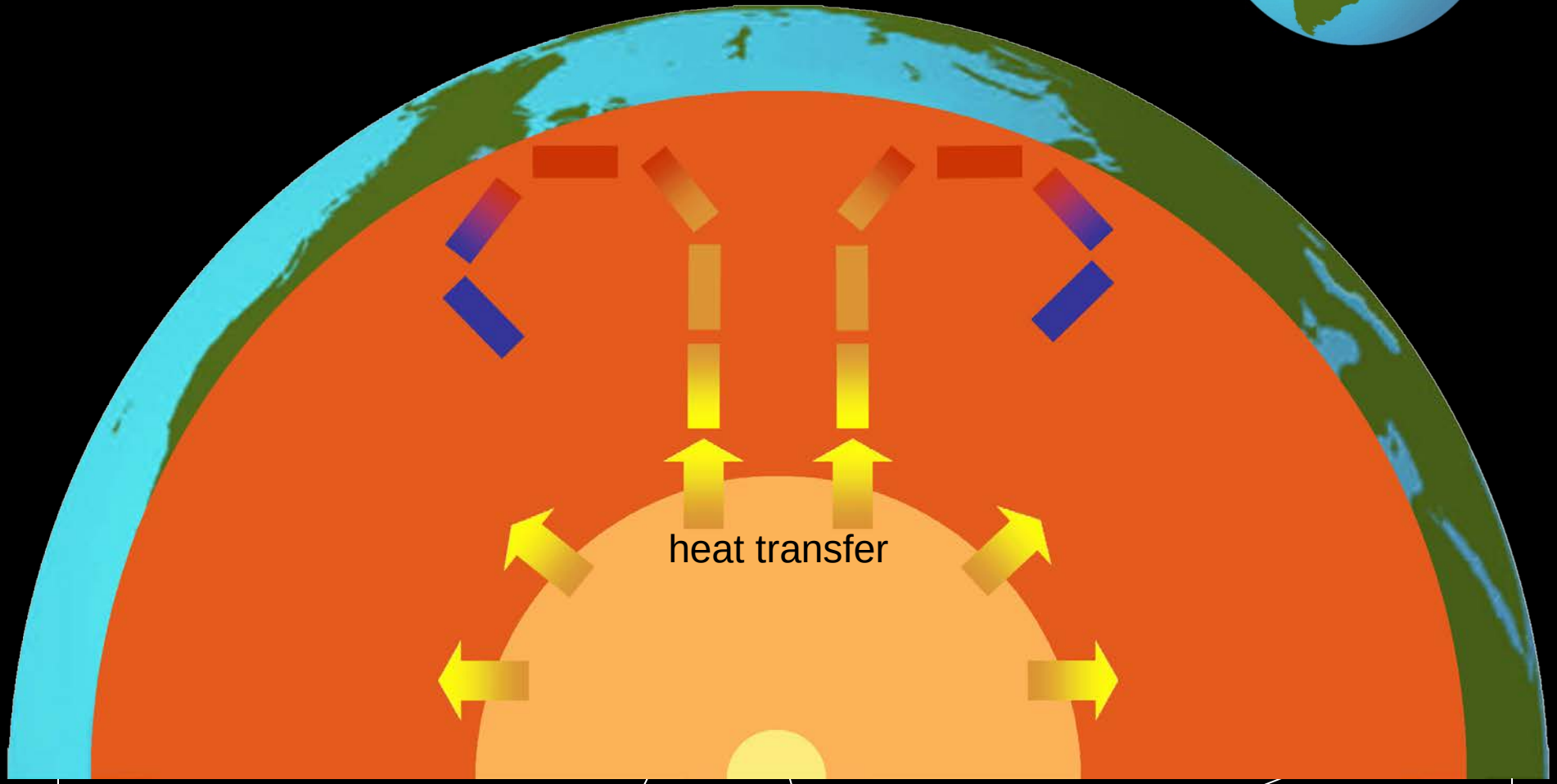
# Let’s Look Inside the Earth



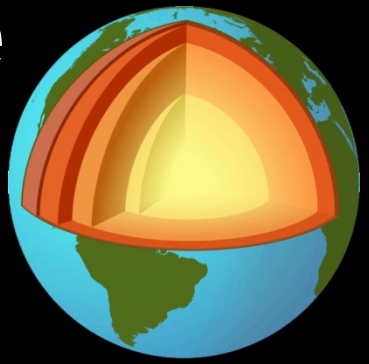


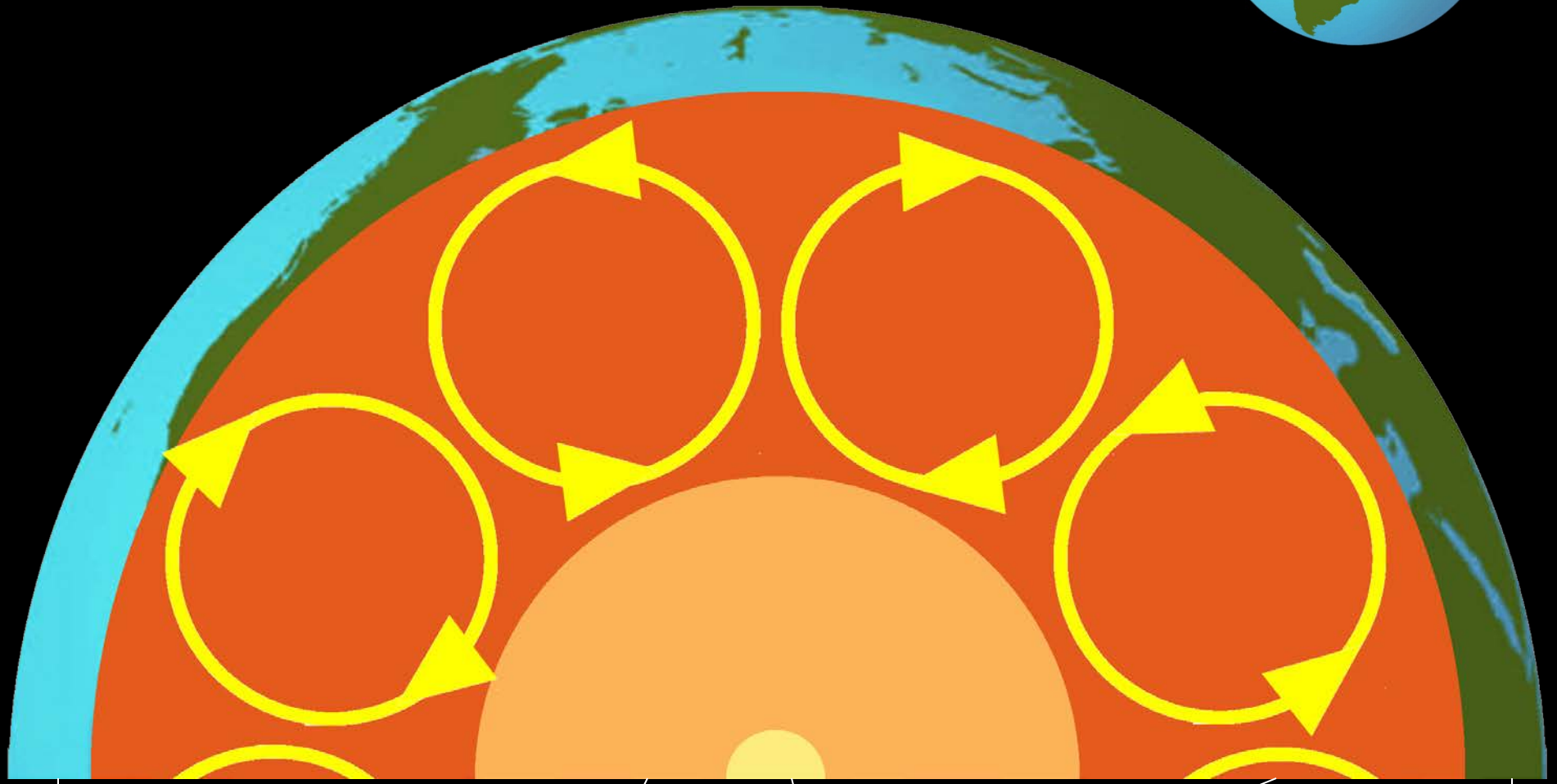
# Heat Transfers from Core to Mantle



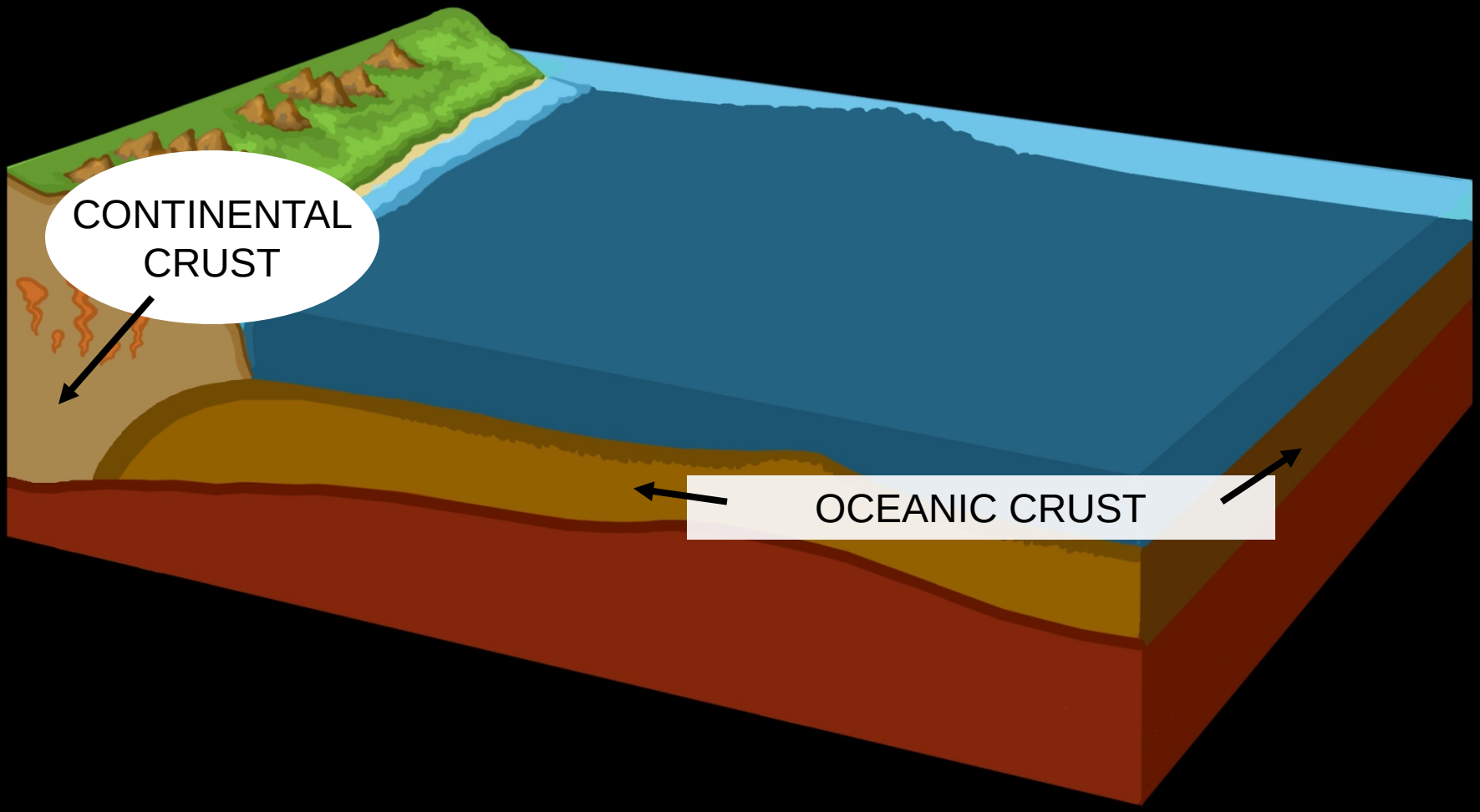


# Crustal Plates Move

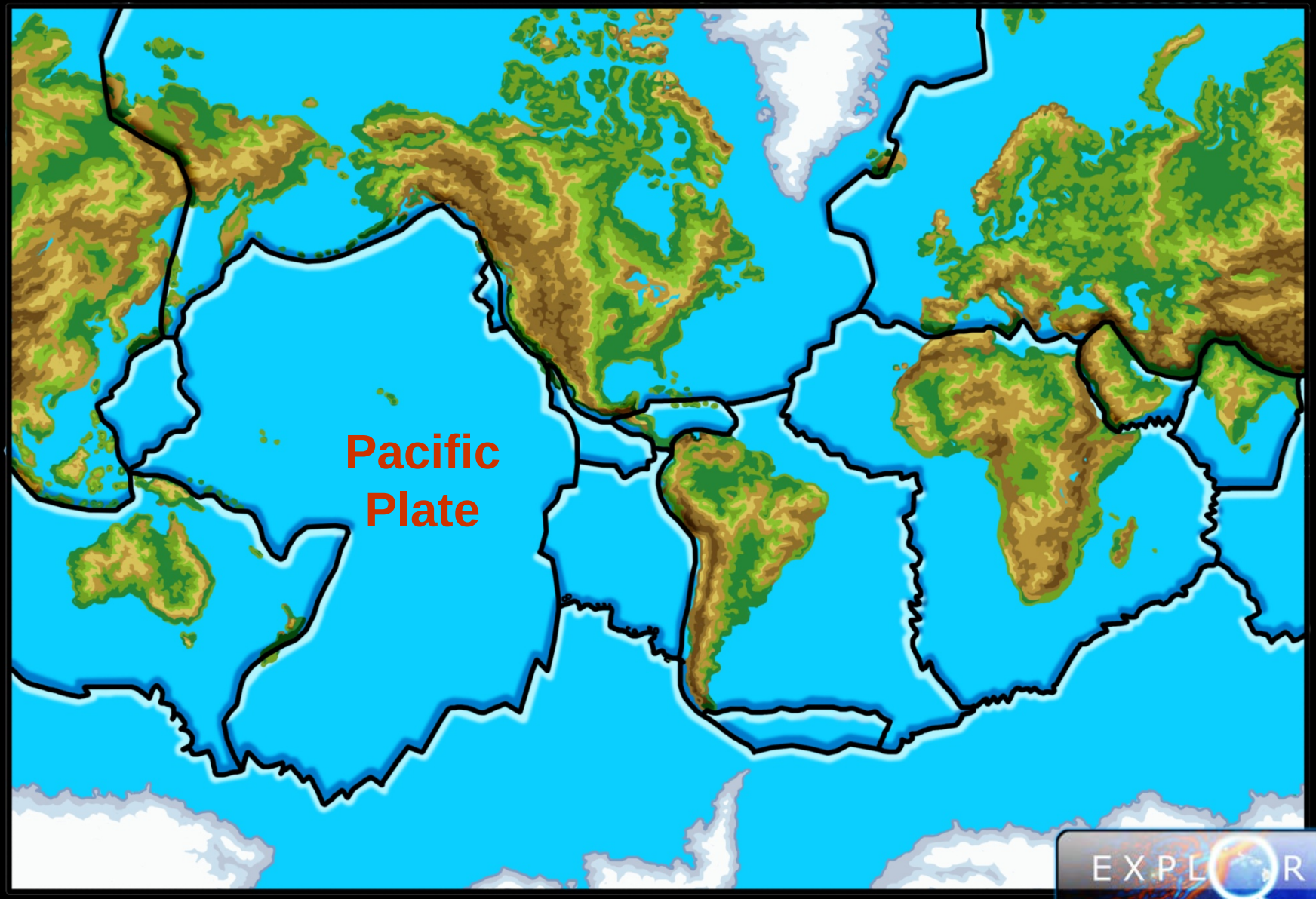




# Continental & Oceanic Crust



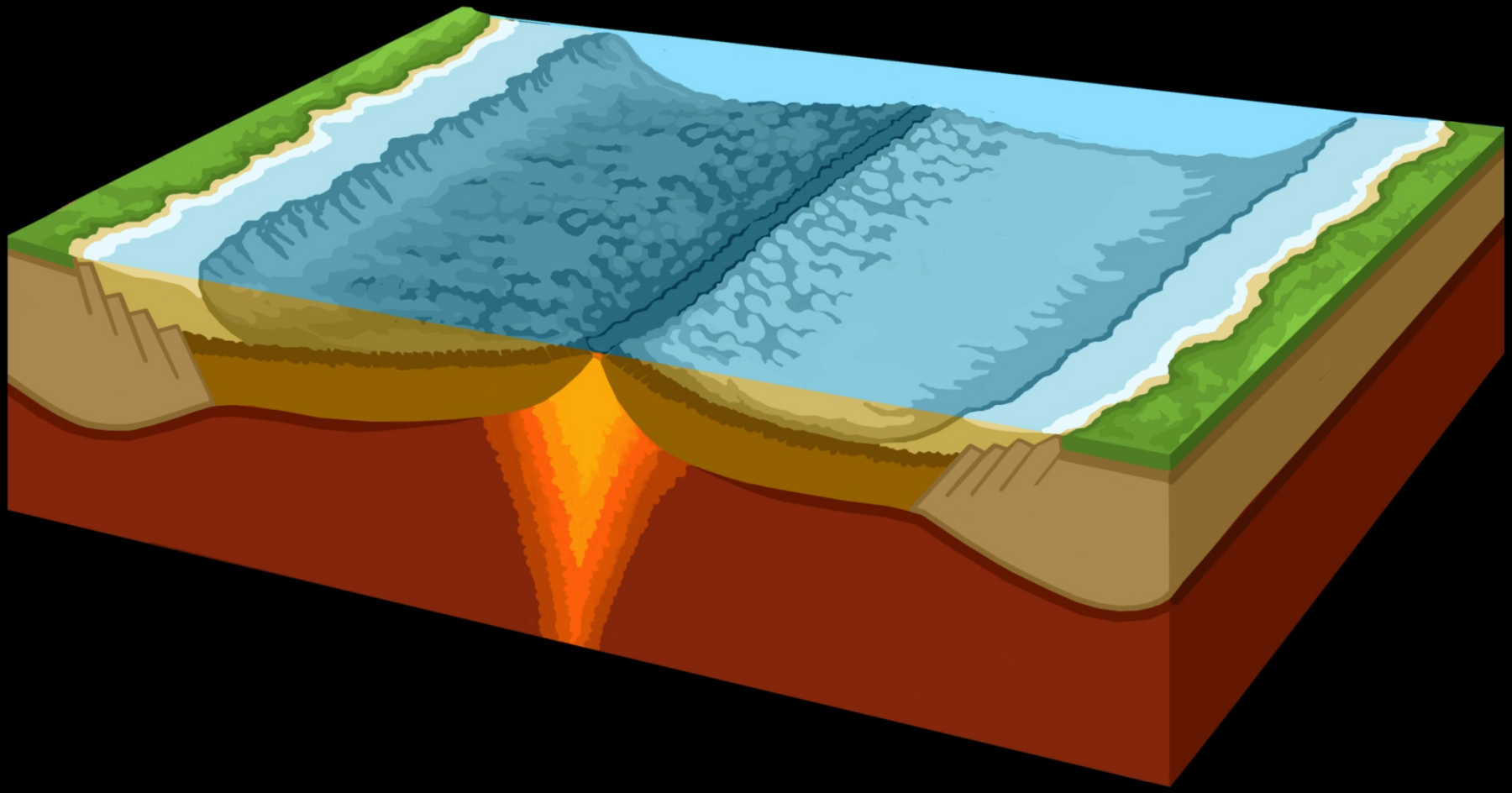
# Tectonic Plates




Can you name the plate on which Hawai‘i is located?

EXPLORE.
[CLICK]

# Divergent Plate Boundary



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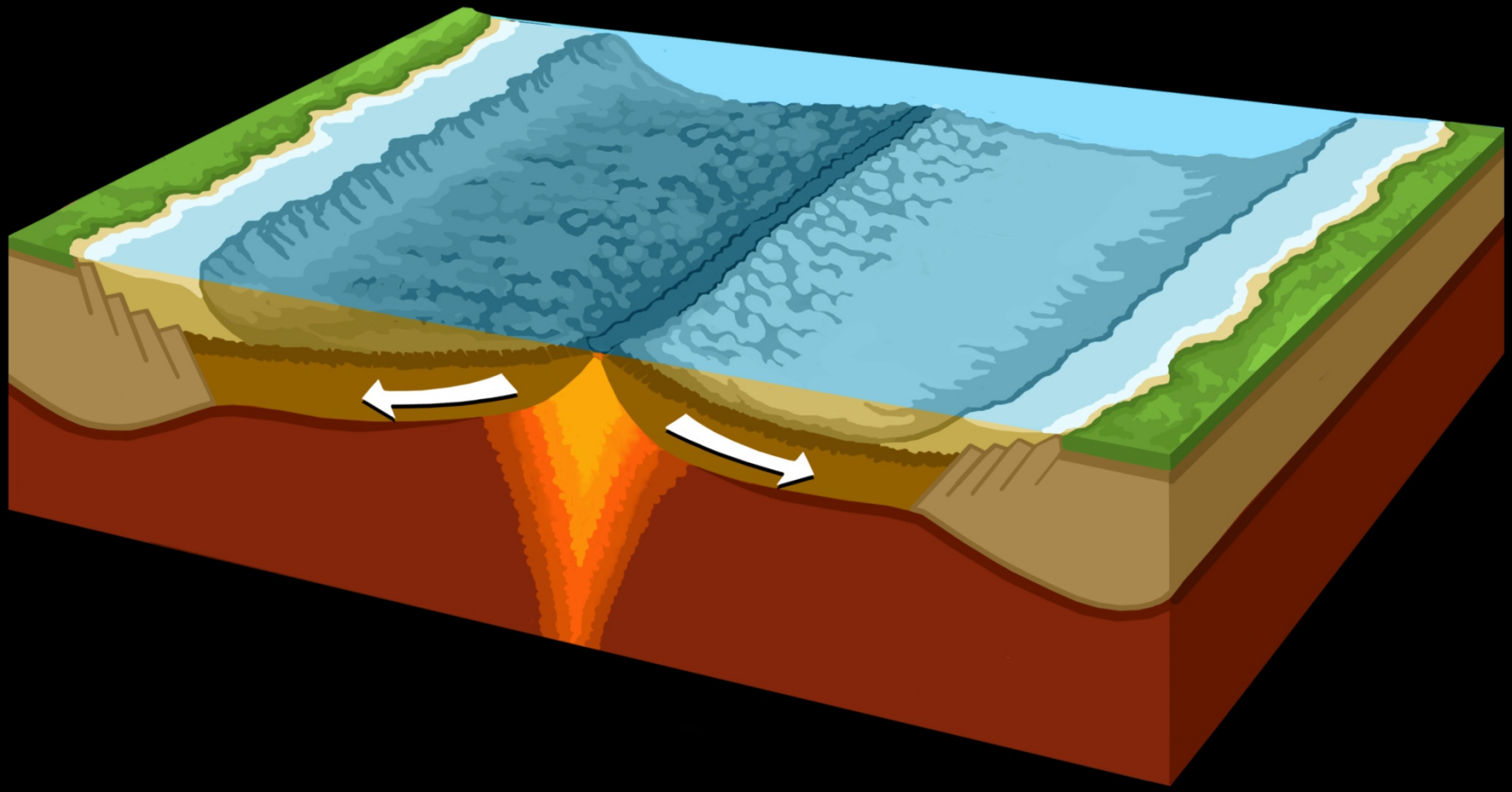
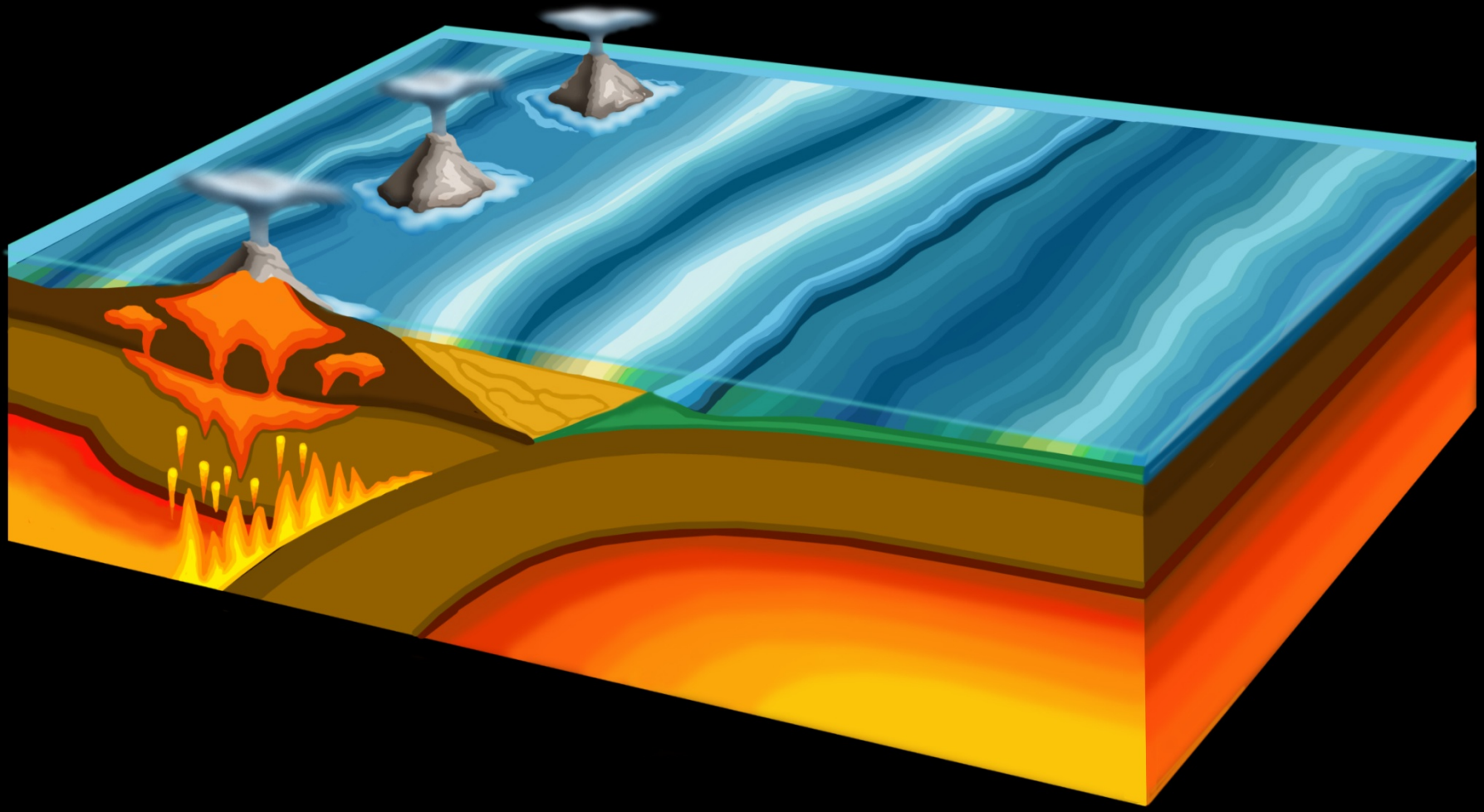


# Convergent Plate Boundary



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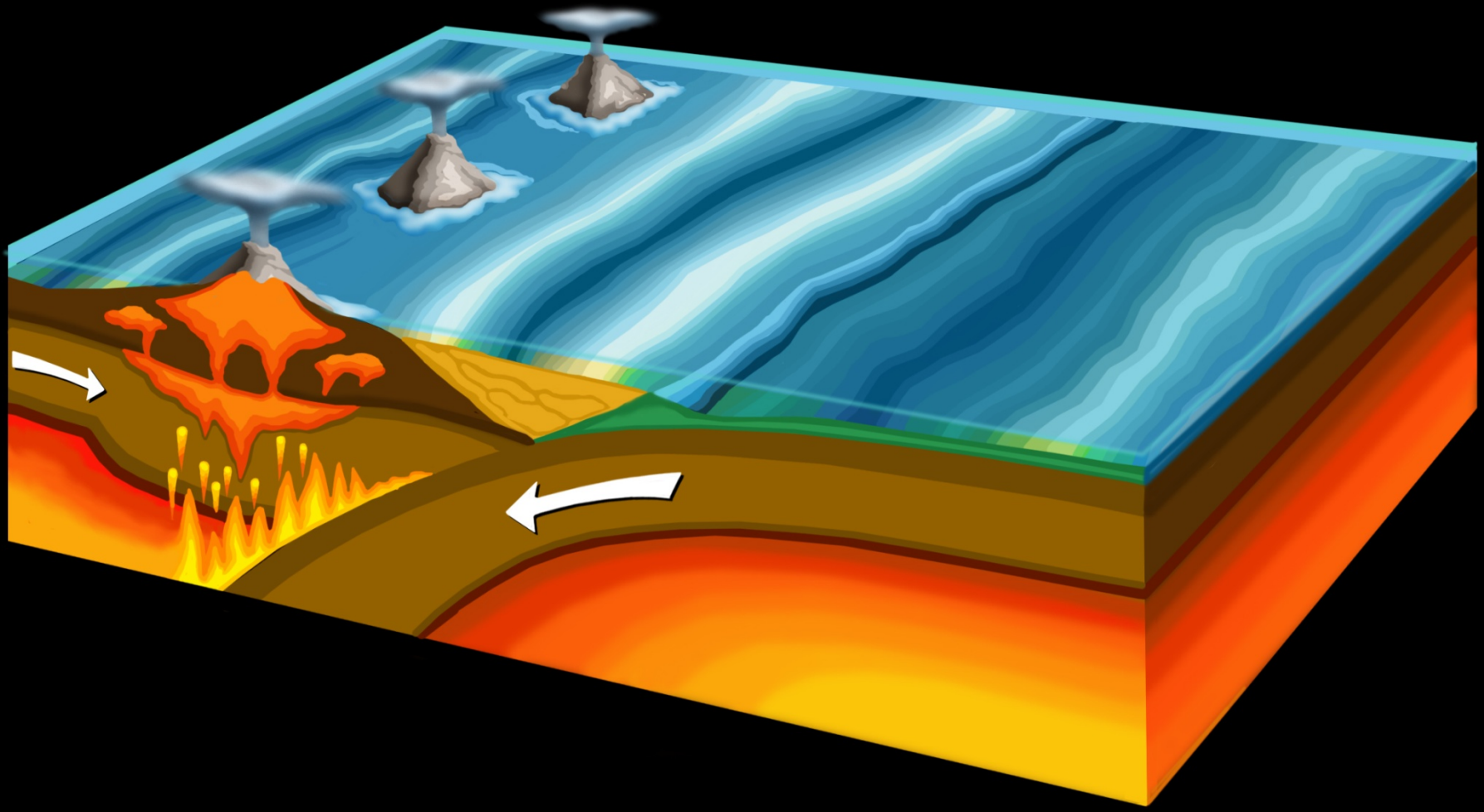
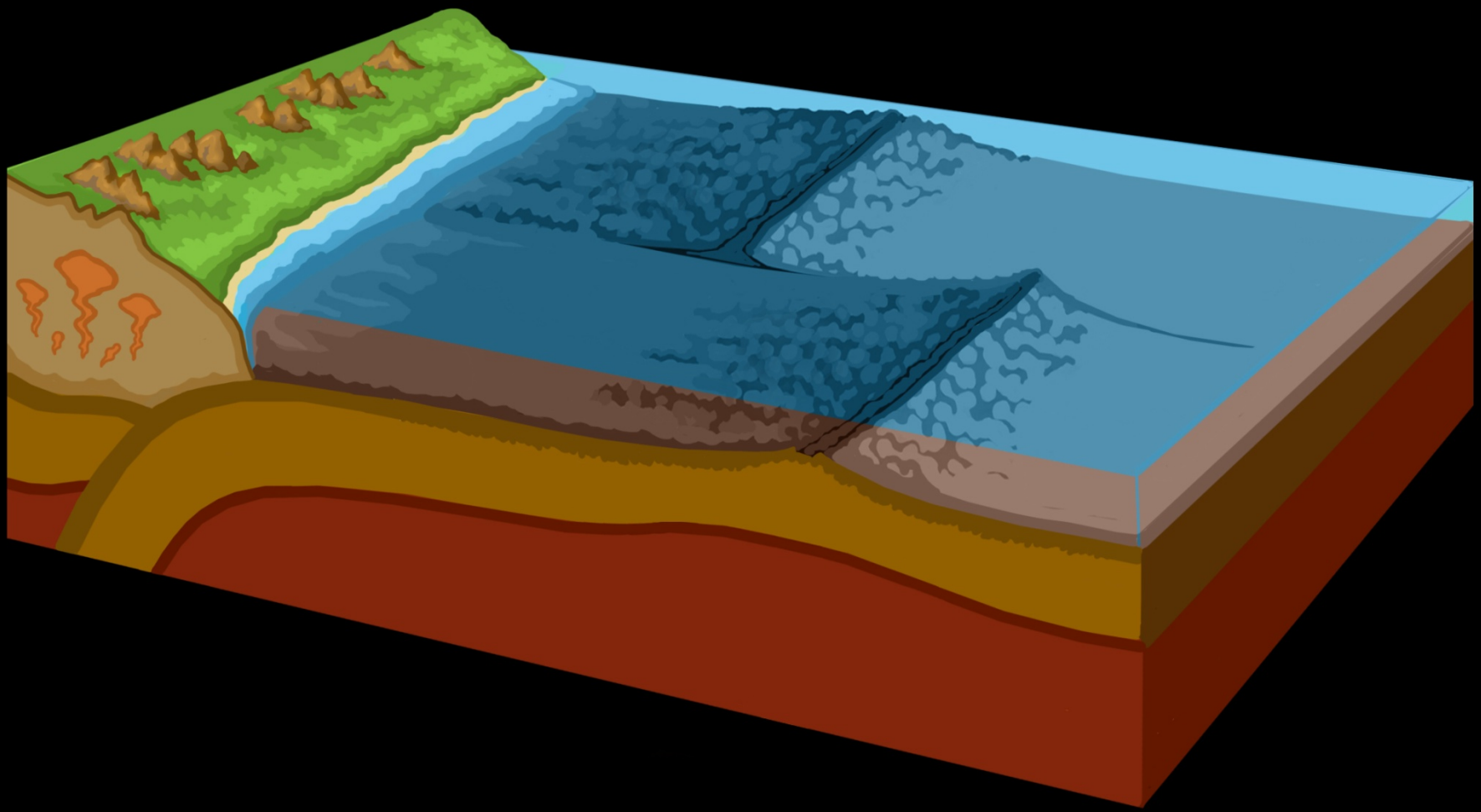


# Transform Plate Boundary



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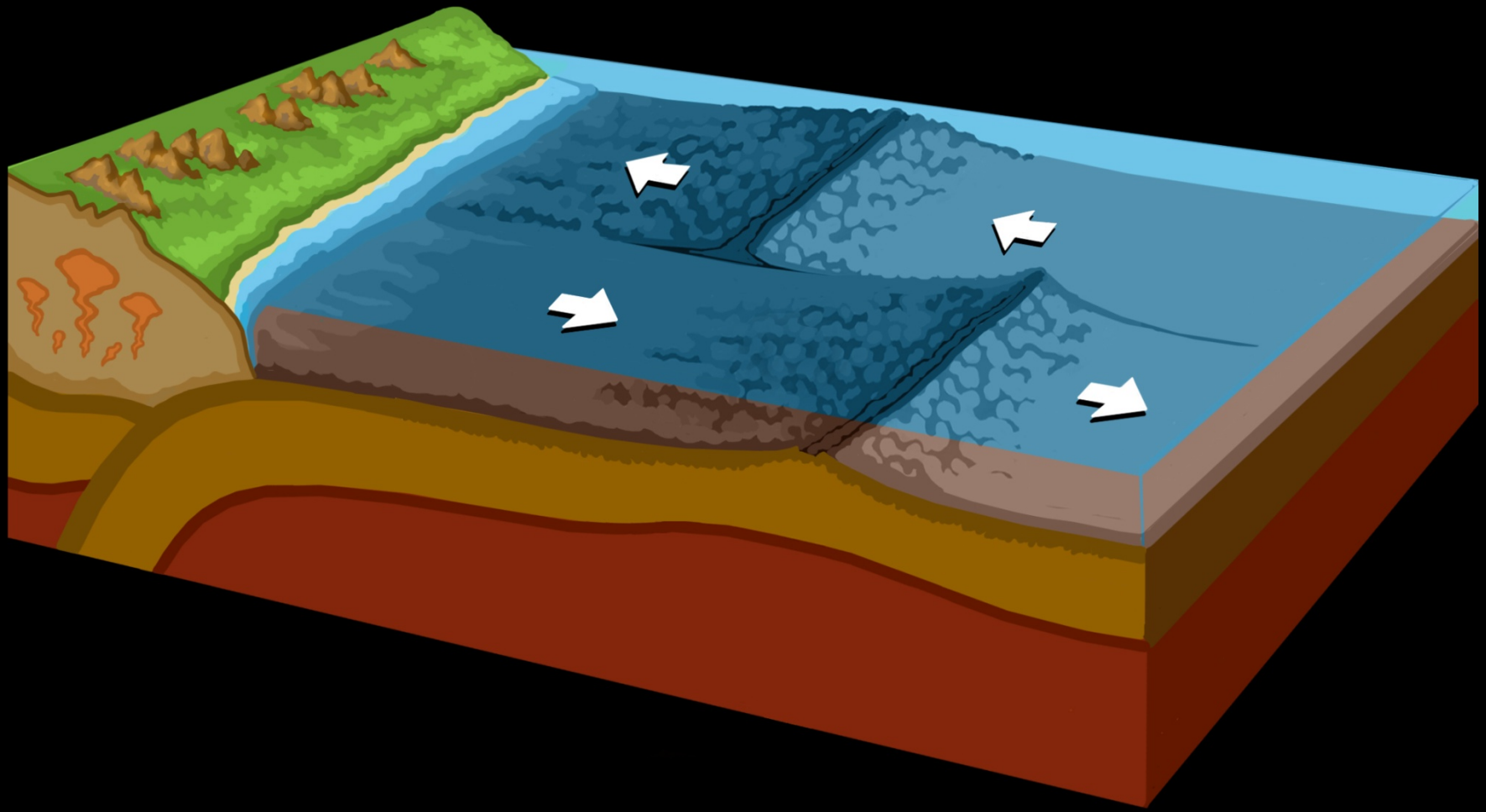


# Hot Spots

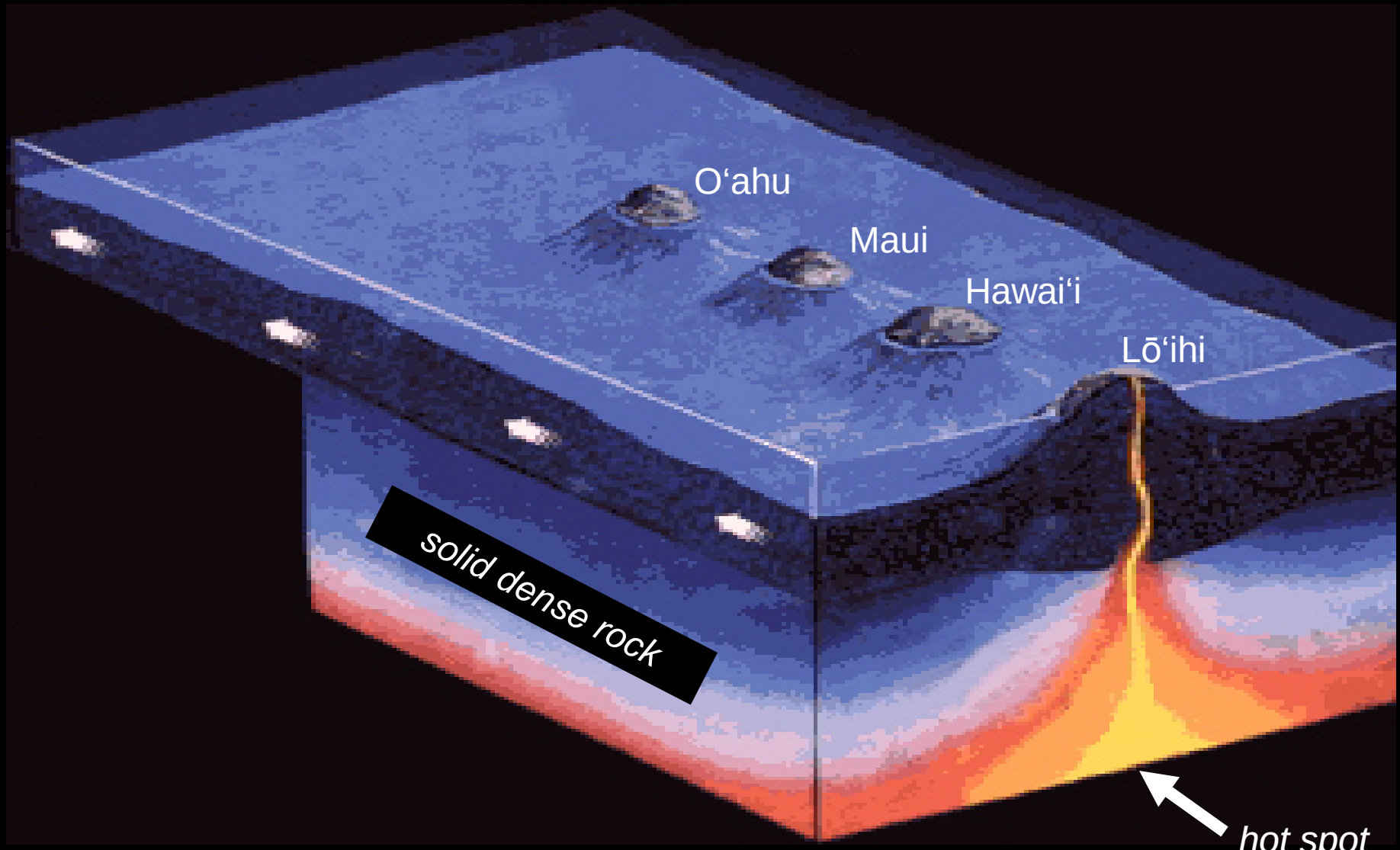
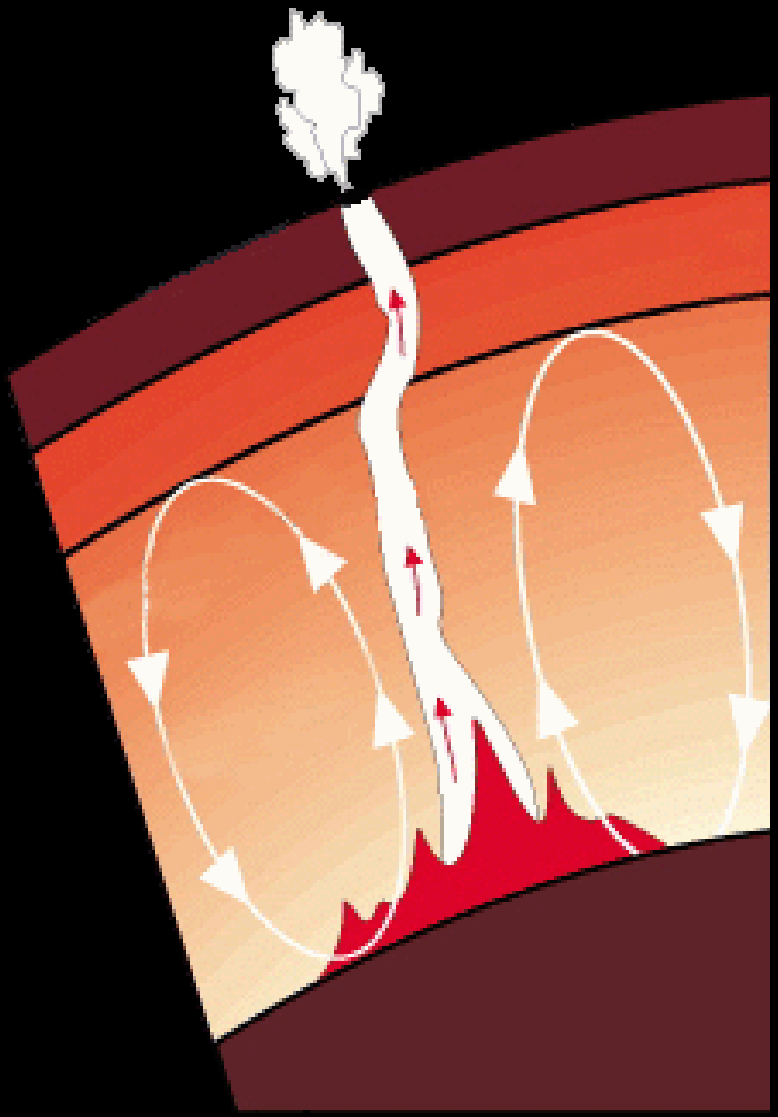
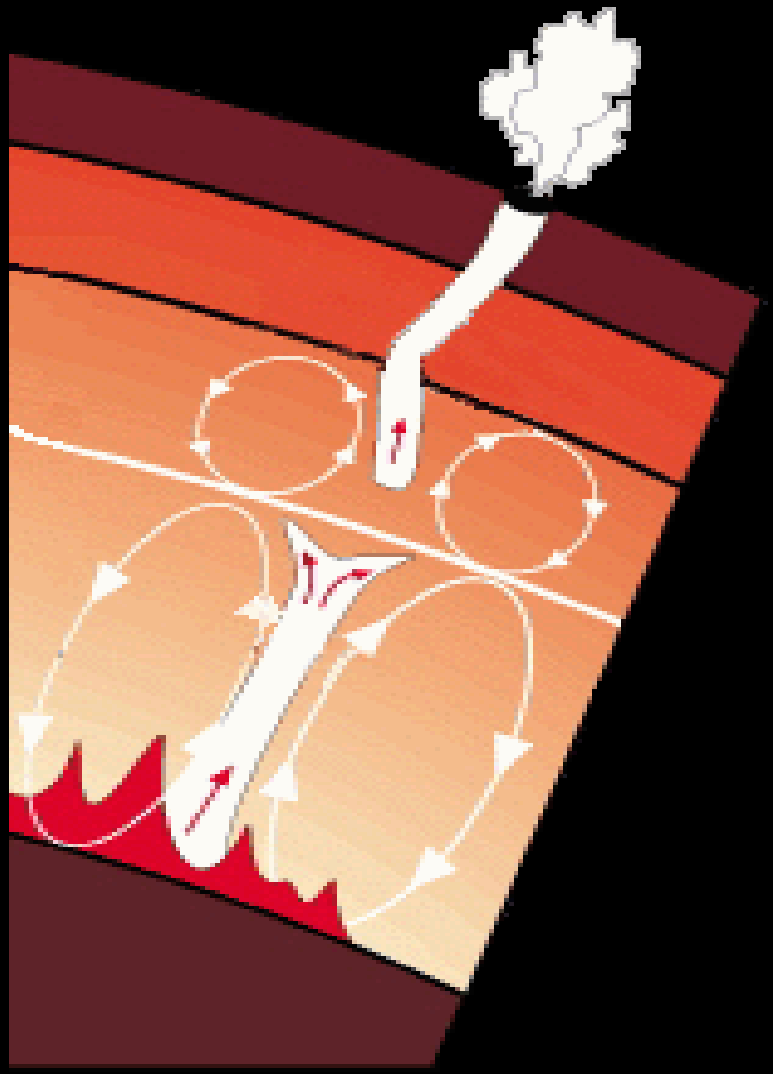



photo courtesy USGS

# Two Hot Spot Theories



magma from the earth's core



magma from a shallower depth

# The End