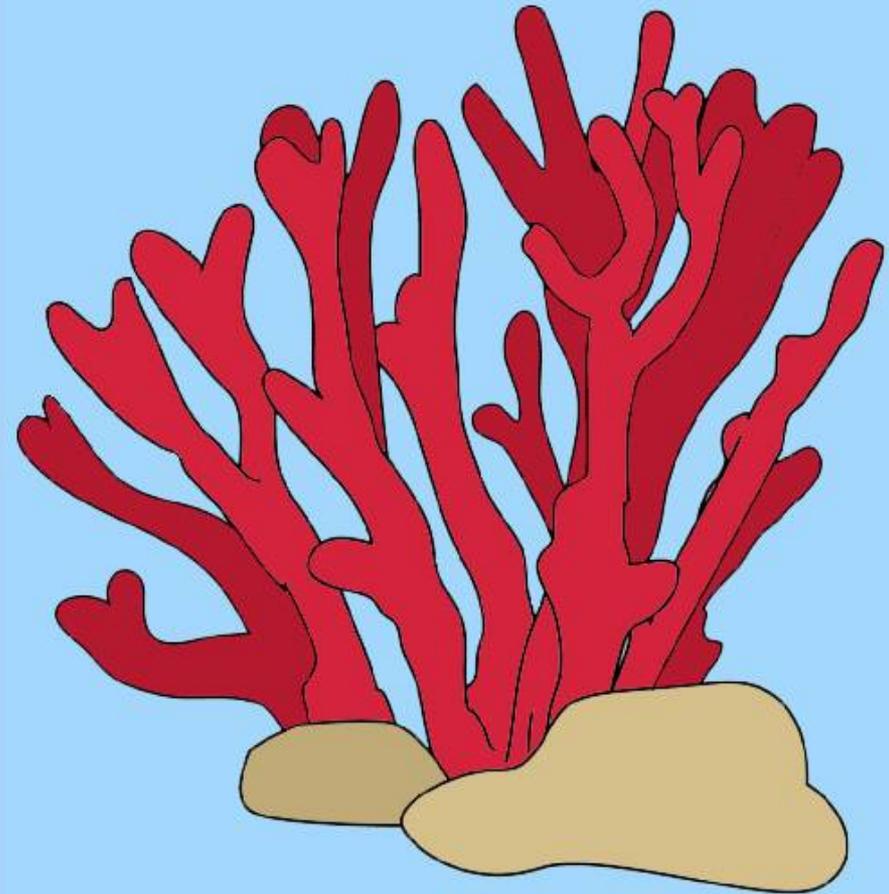
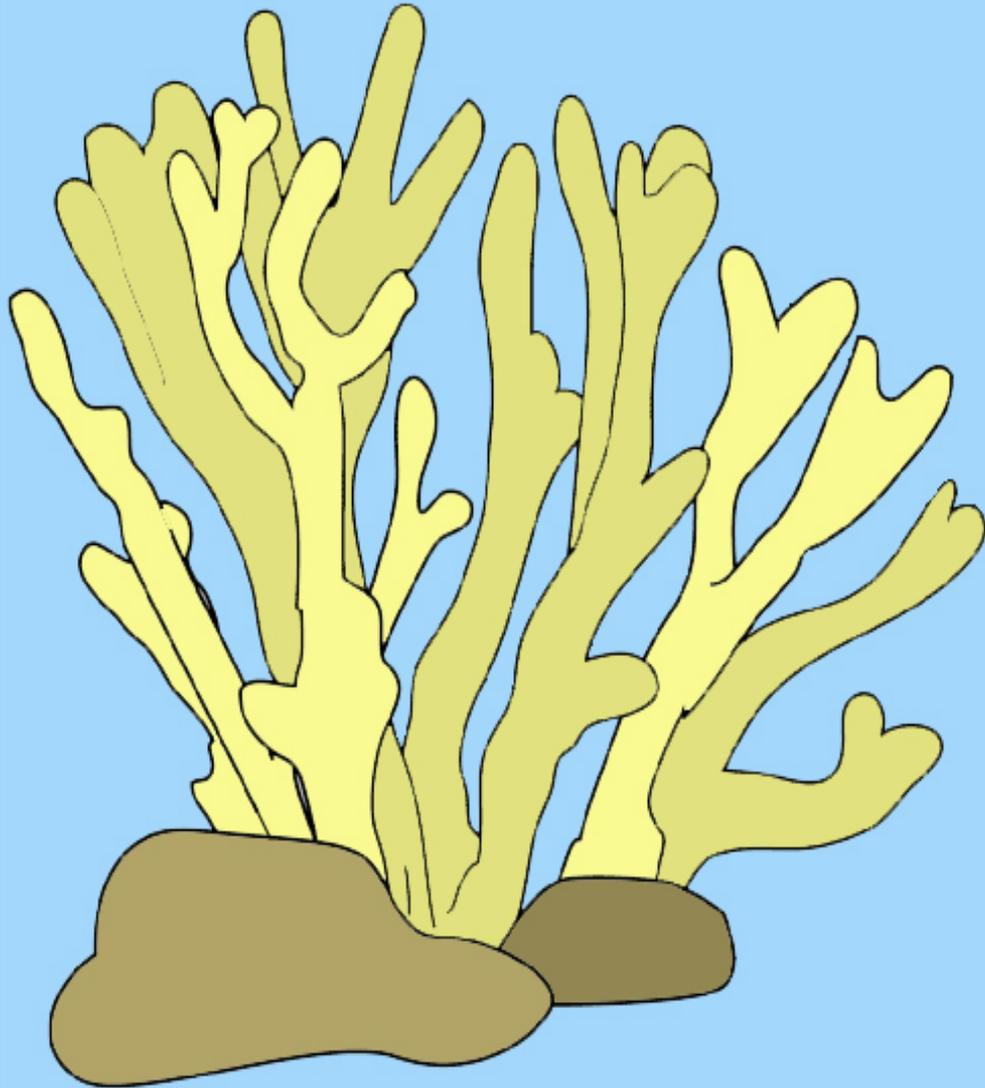


Coral Reefs and Island Formation

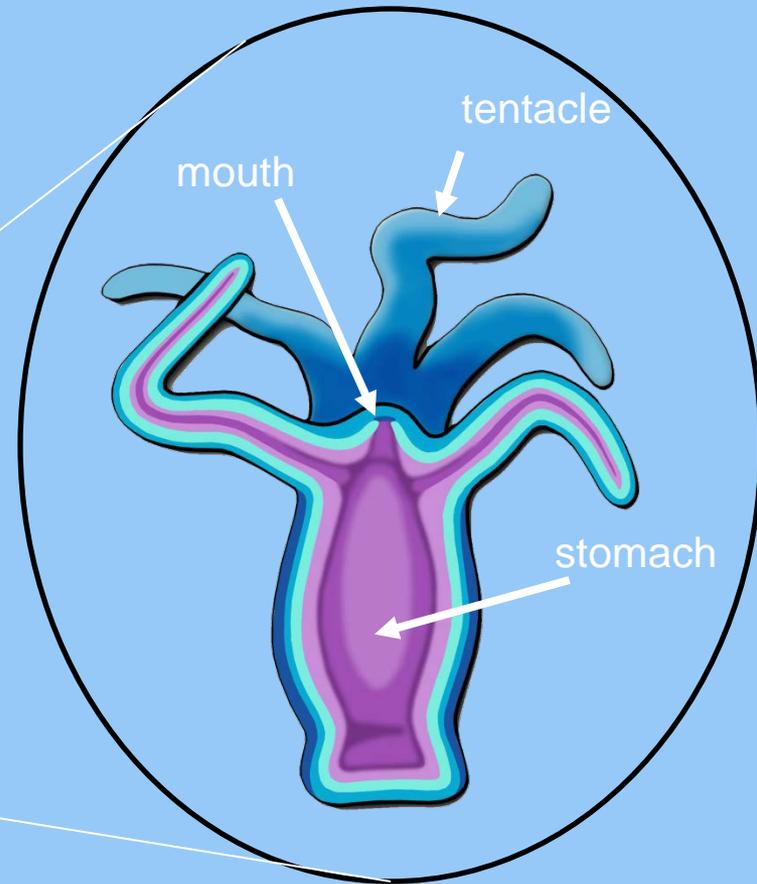


How old are today's reefs?

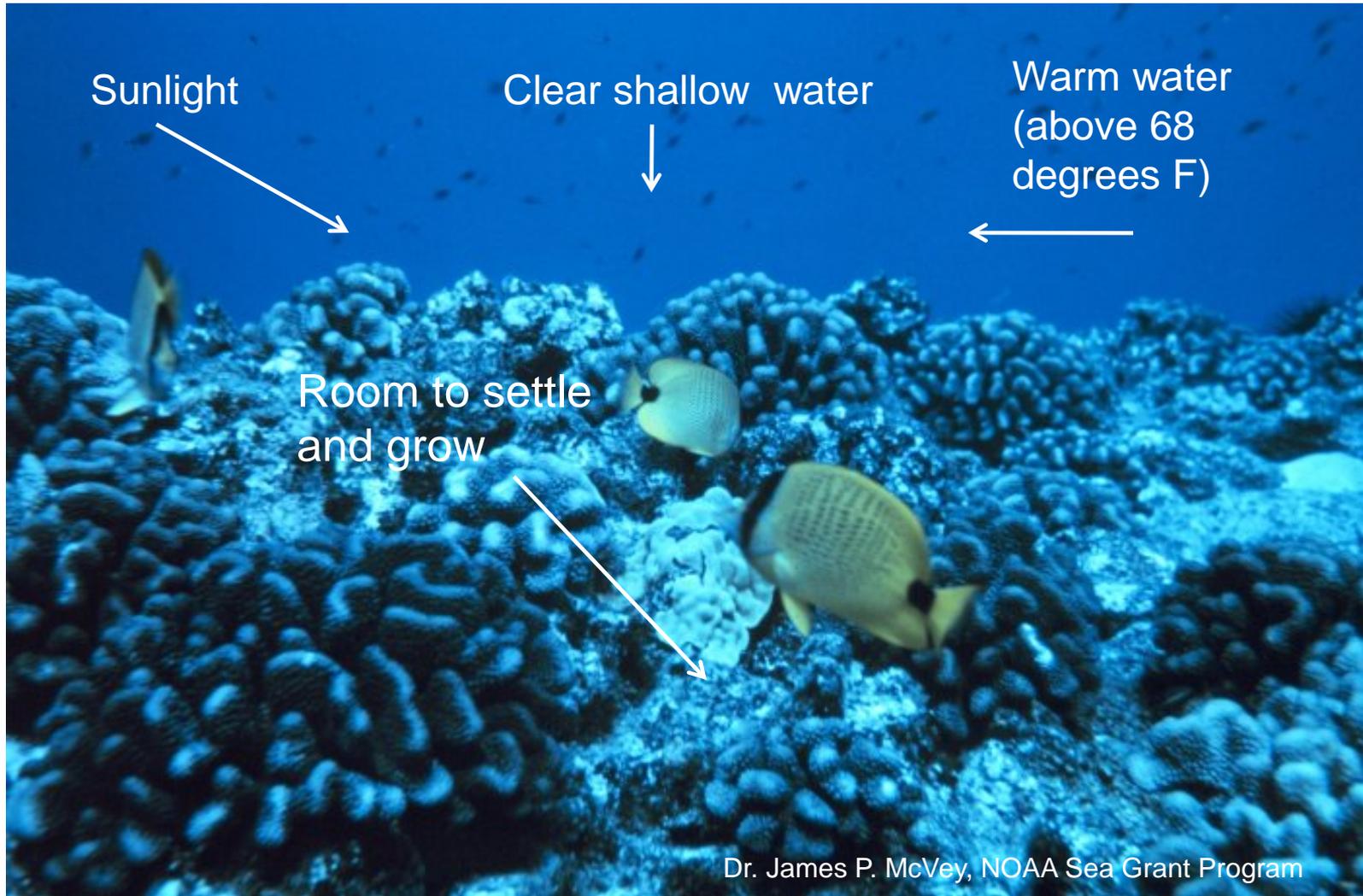


What is a coral?

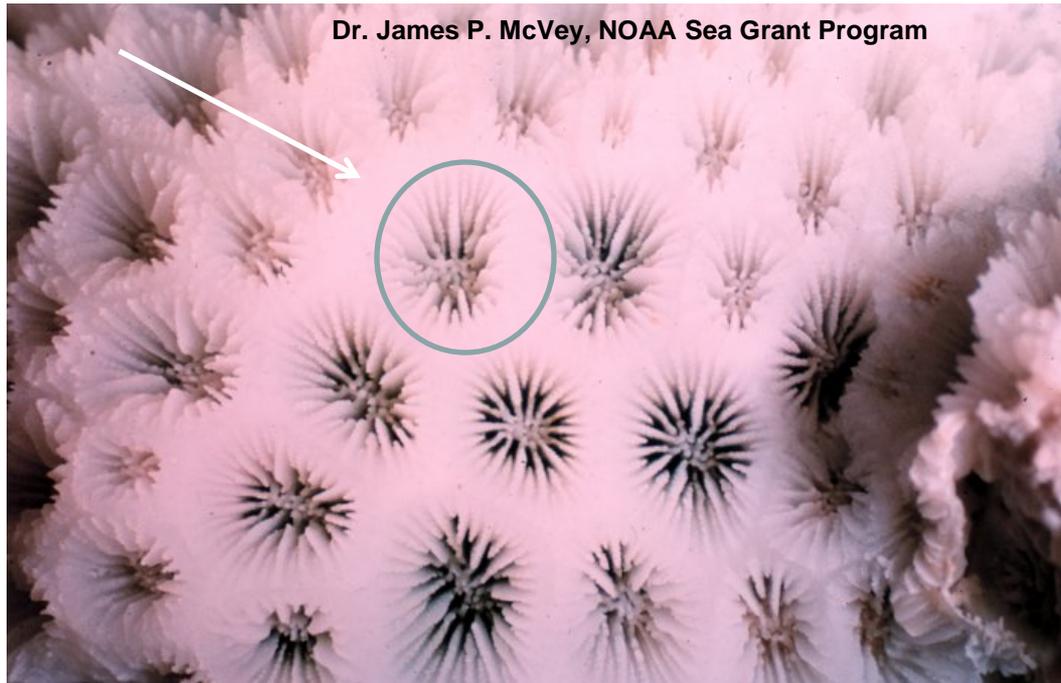
- Colonial Animal



What do corals need to grow?

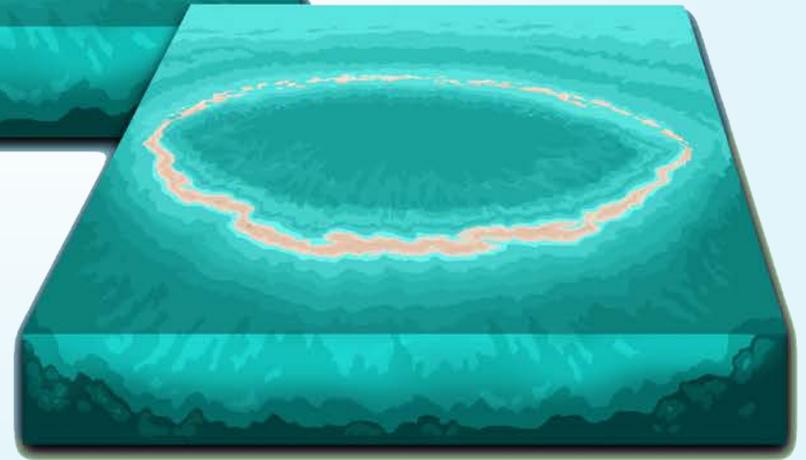
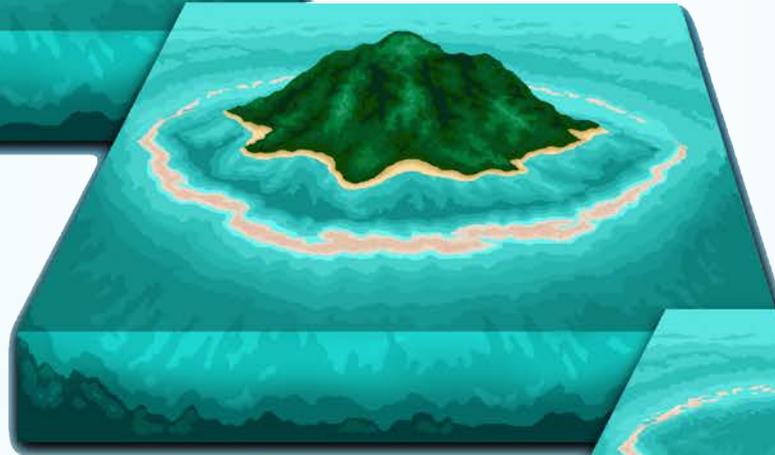
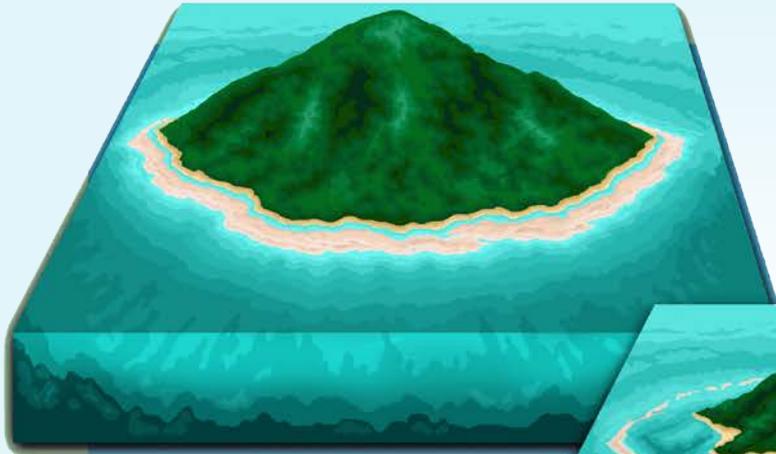


How is a coral reef formed?

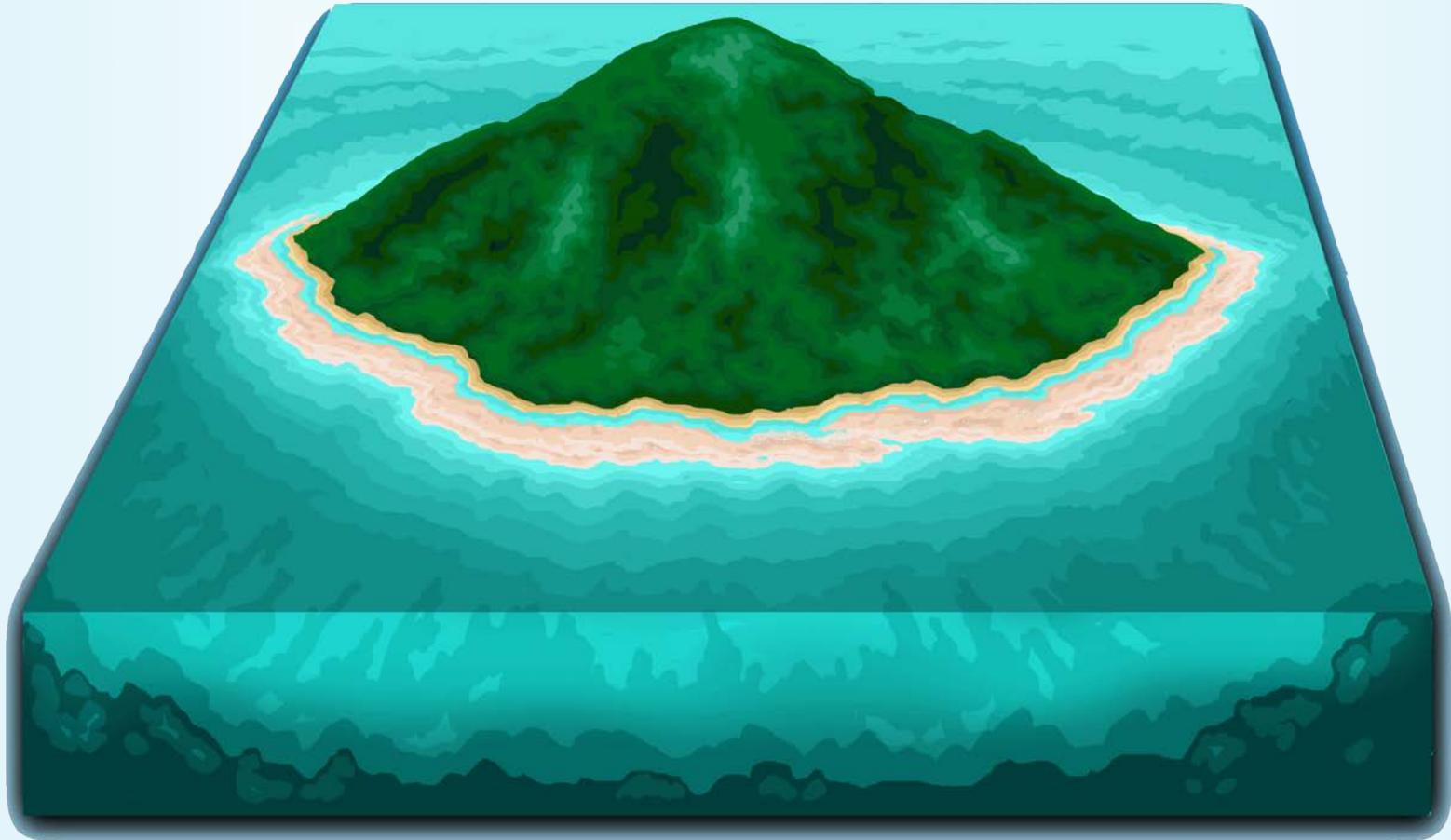


Each polyp builds a case of **limestone** around itself. This case remains after the polyp has died, and forms a foundation for **another polyp** to build on. Over time the coral colony forms the structures which make up a **coral reef**.

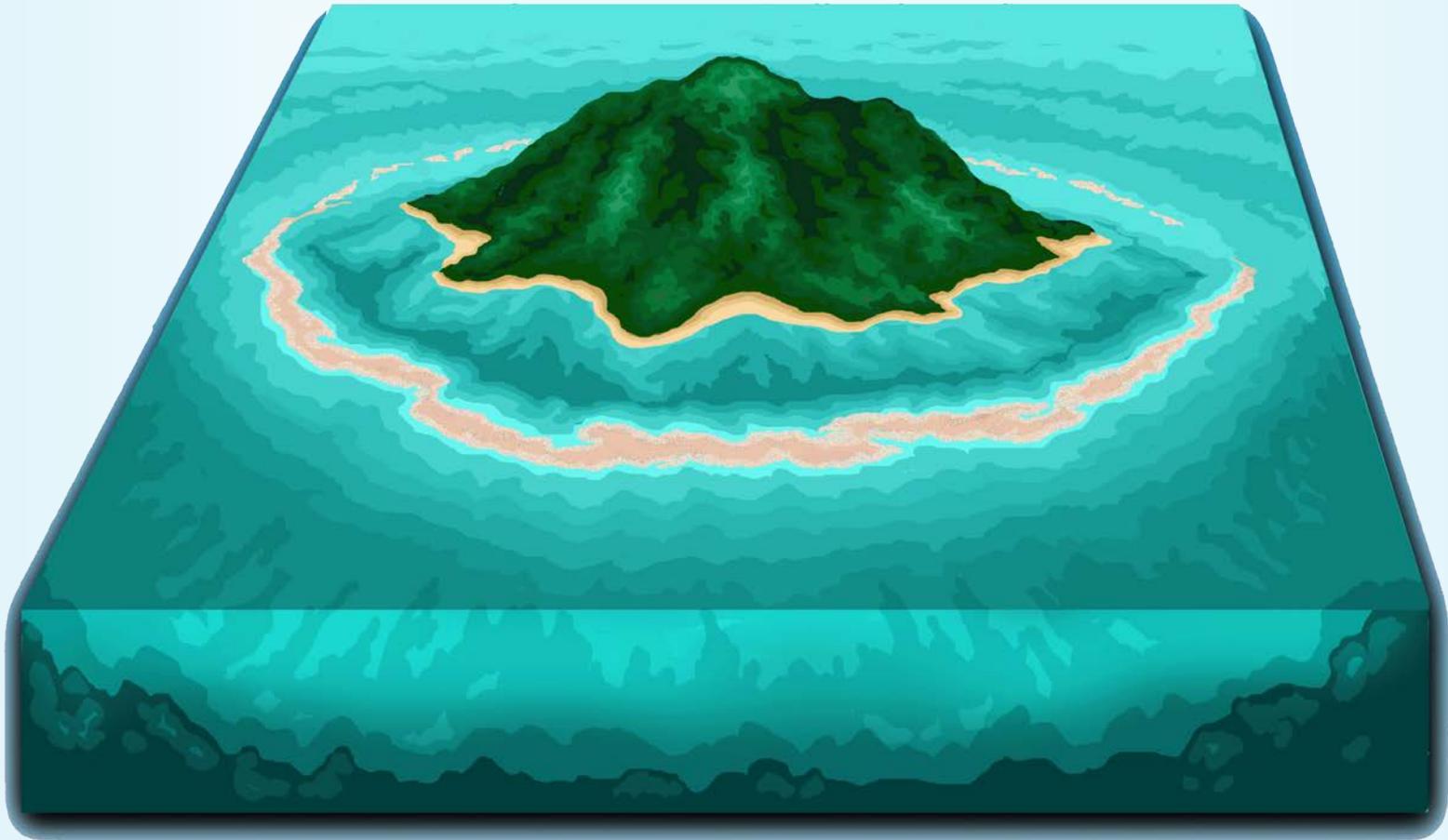
Reef Types



Fringing Reef



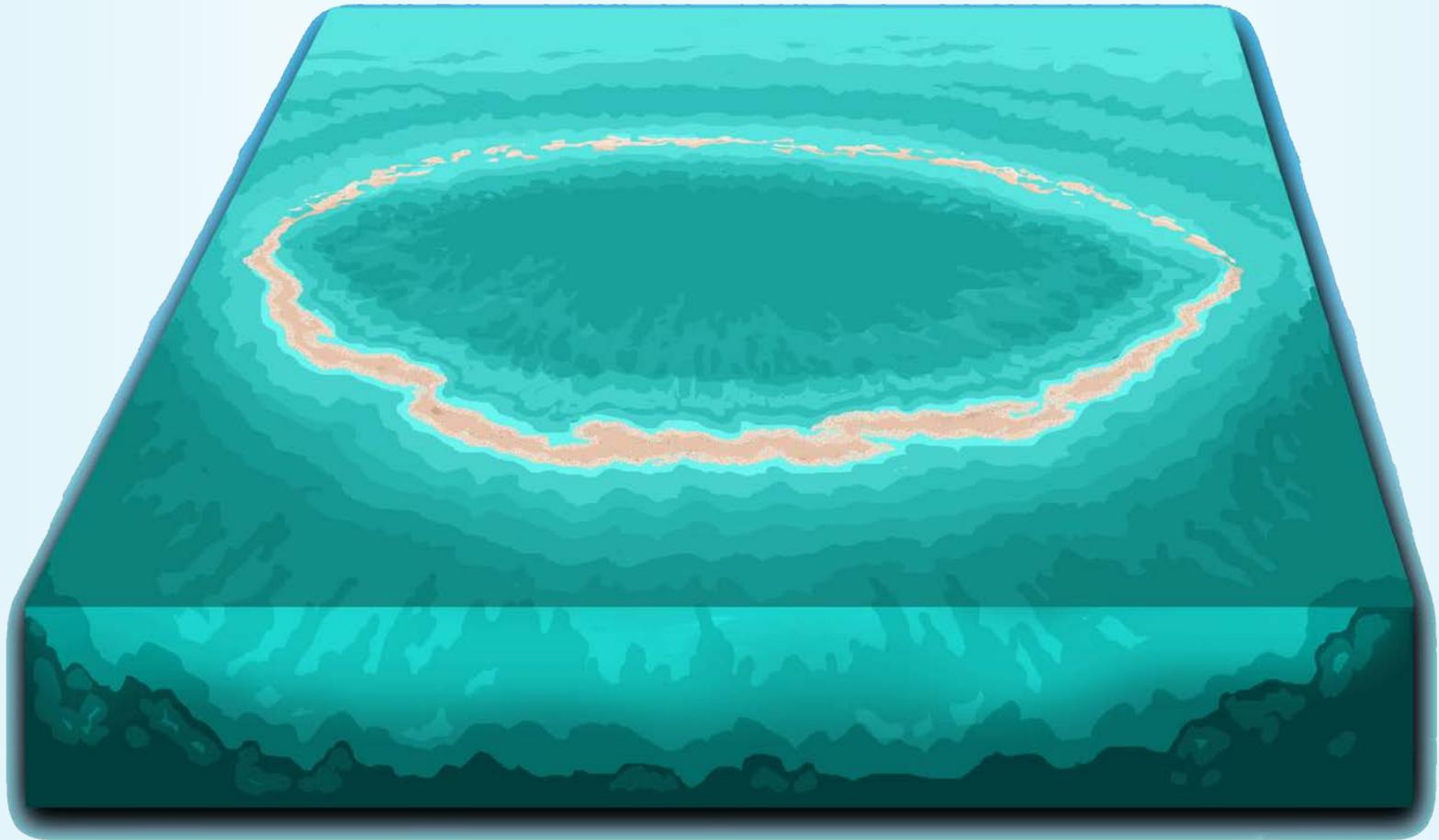
Barrier Reef



Great Barrier Reef, Australia



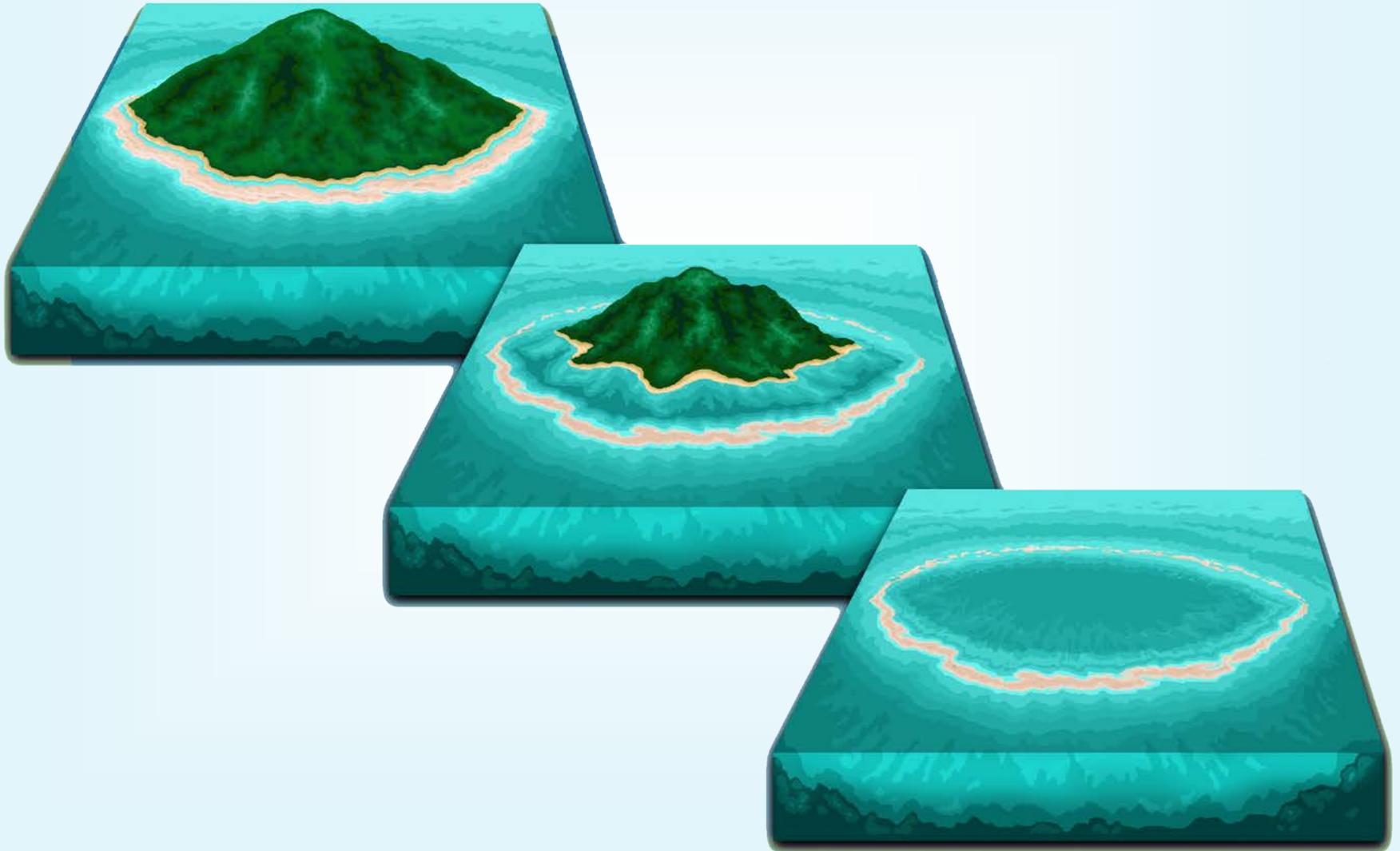
Atoll



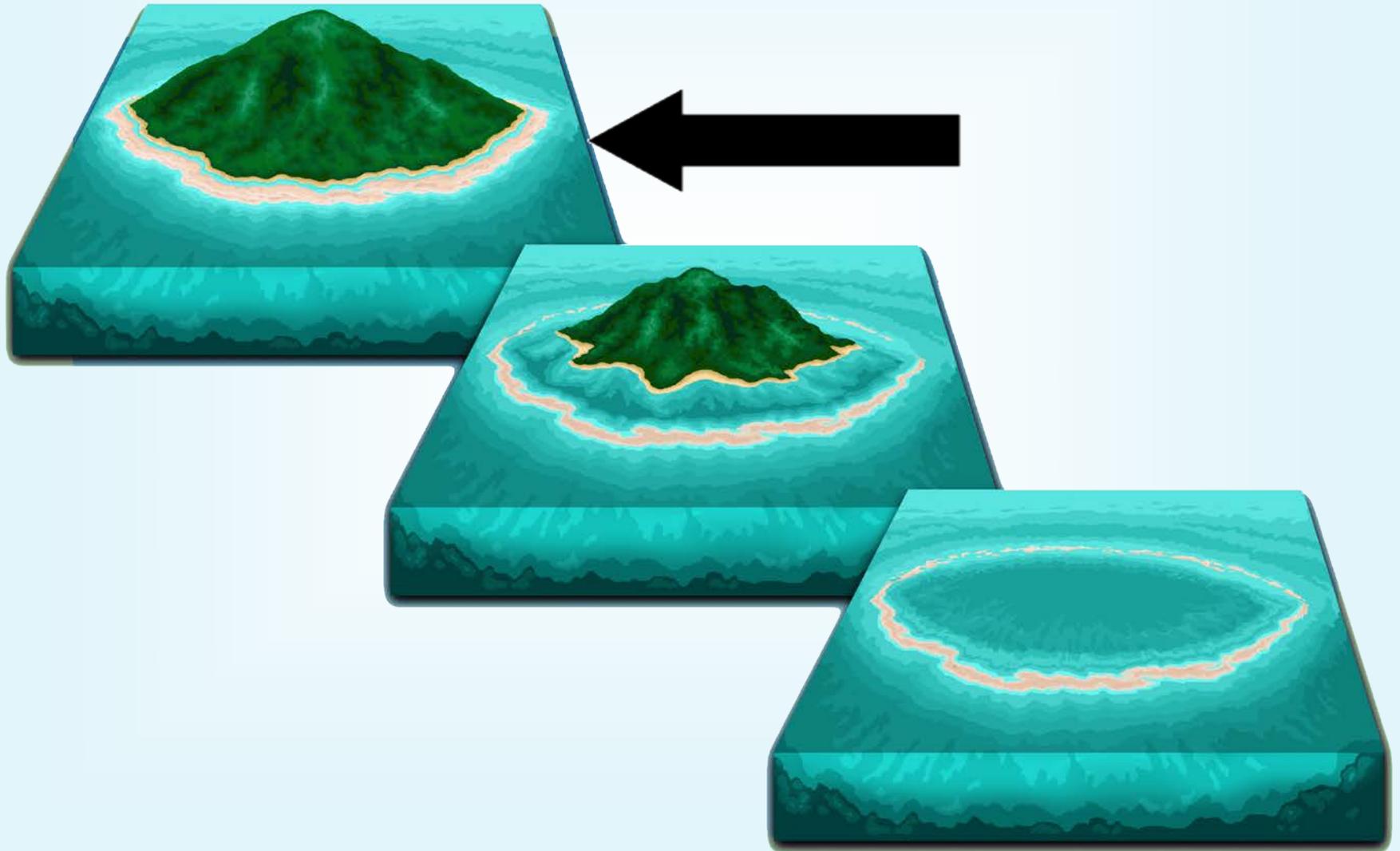
Atoll



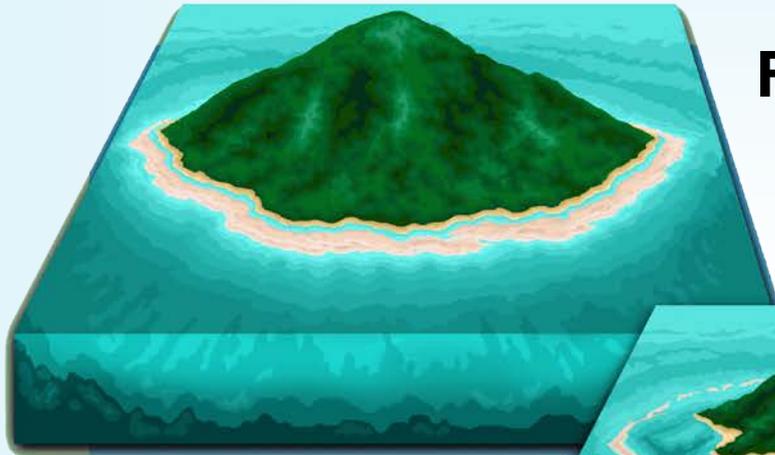
Name That Reef!



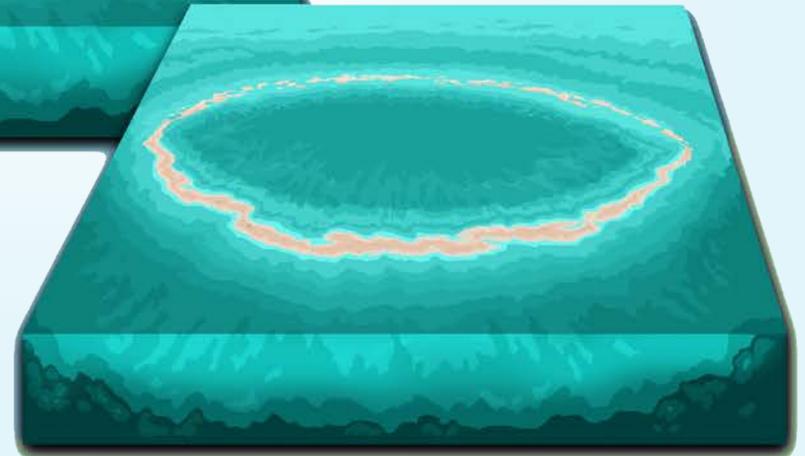
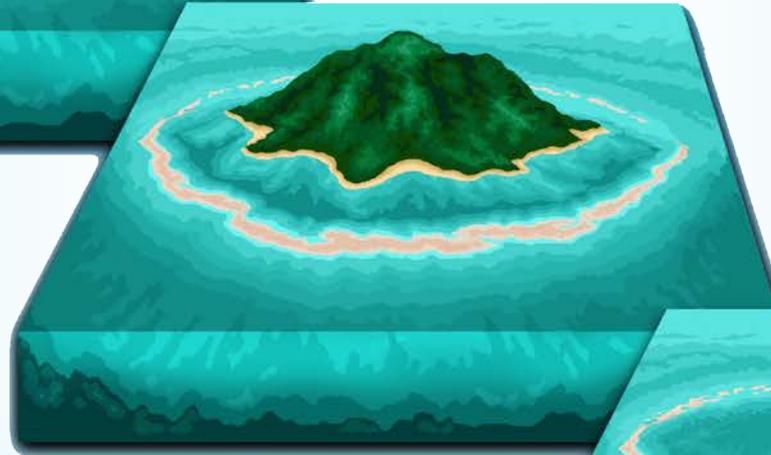
Name That Reef!



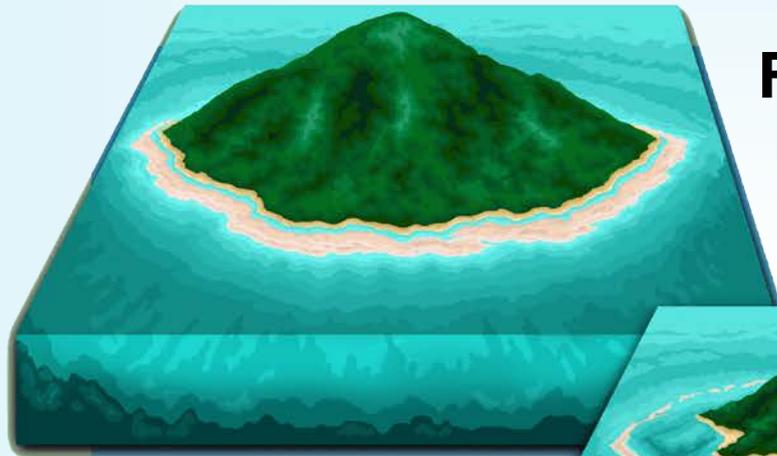
Name That Reef!



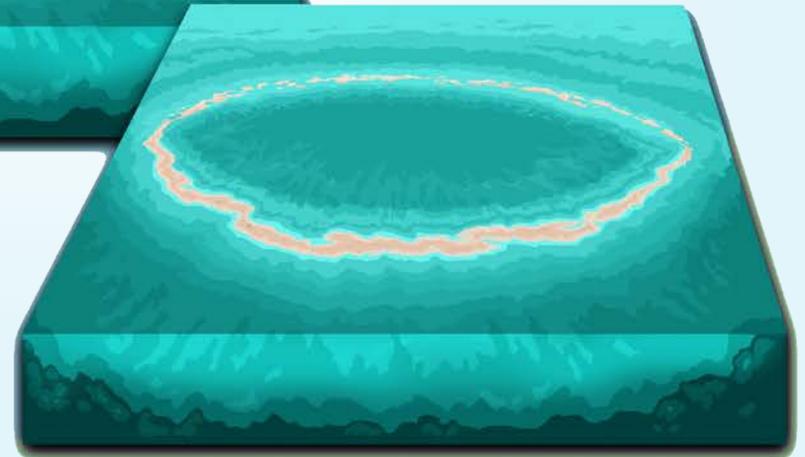
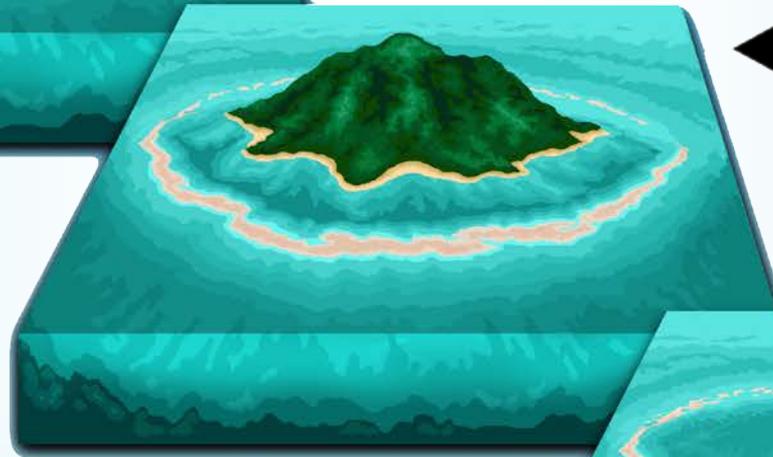
Fringing Reef



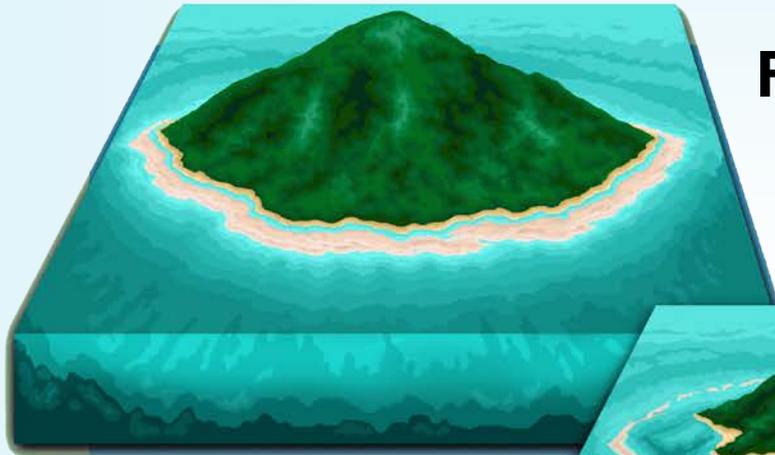
Name That Reef!



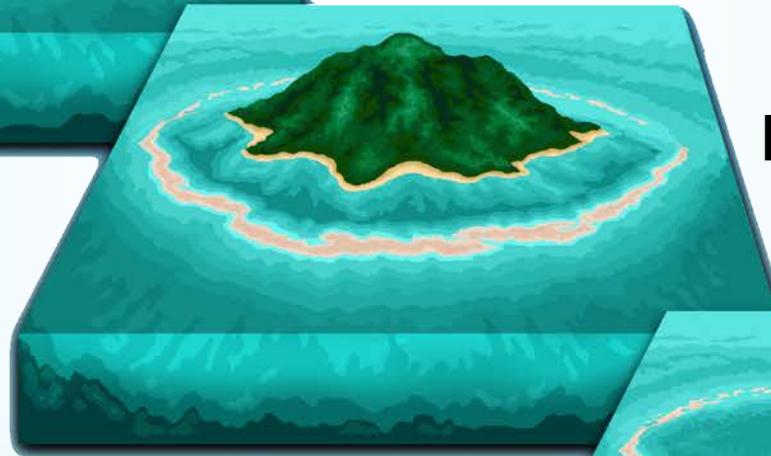
Fringing Reef



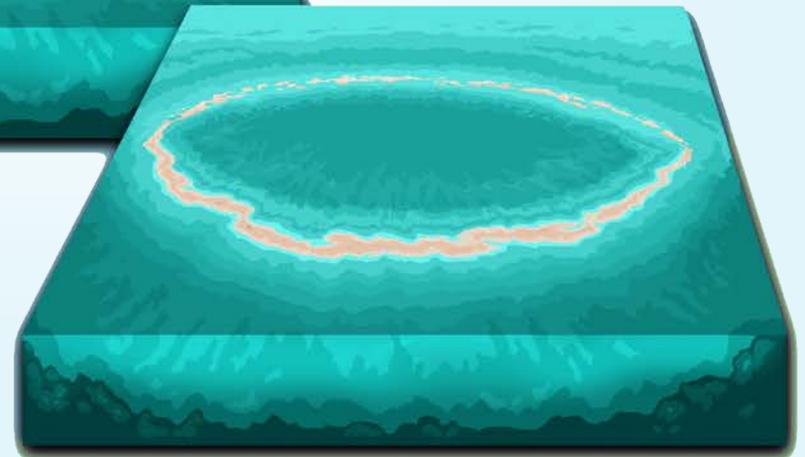
Name That Reef!



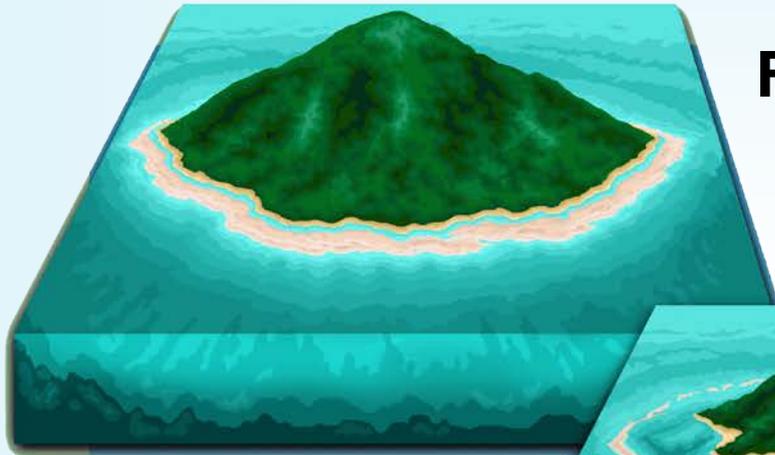
Fringing Reef



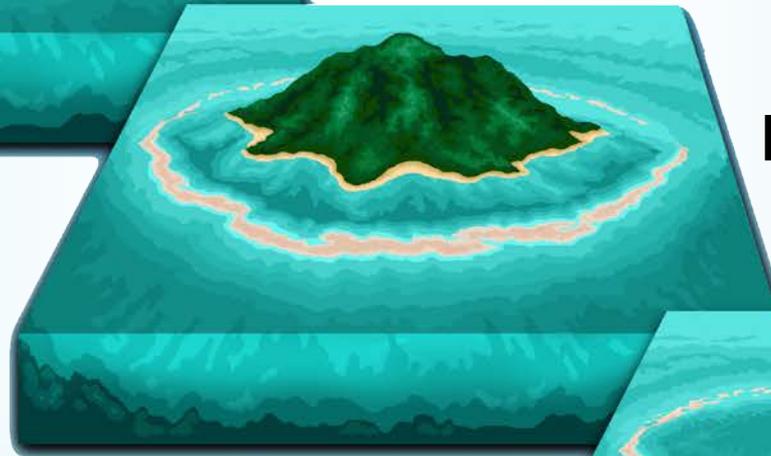
Barrier Reef



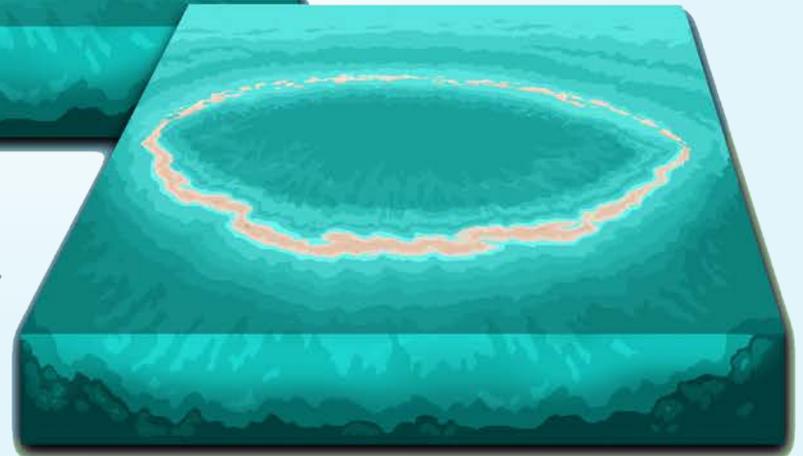
Name That Reef!



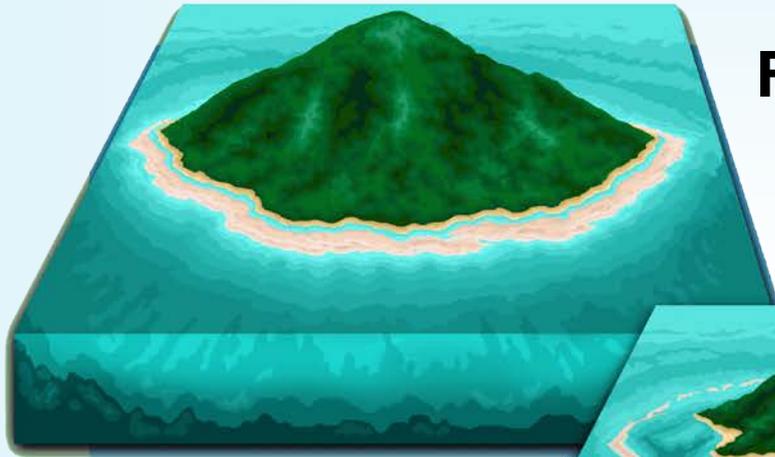
Fringing Reef



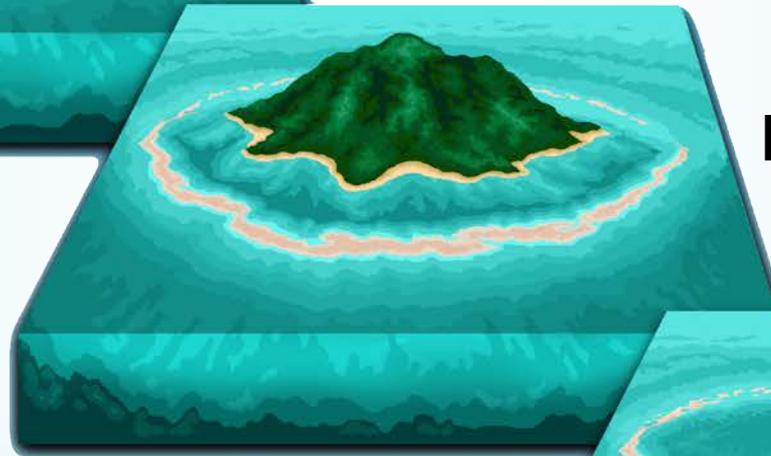
Barrier Reef



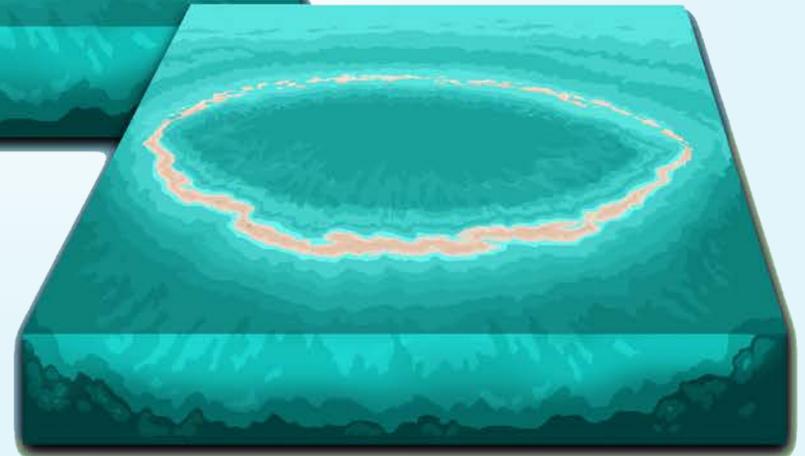
Name That Reef!



Fringing Reef

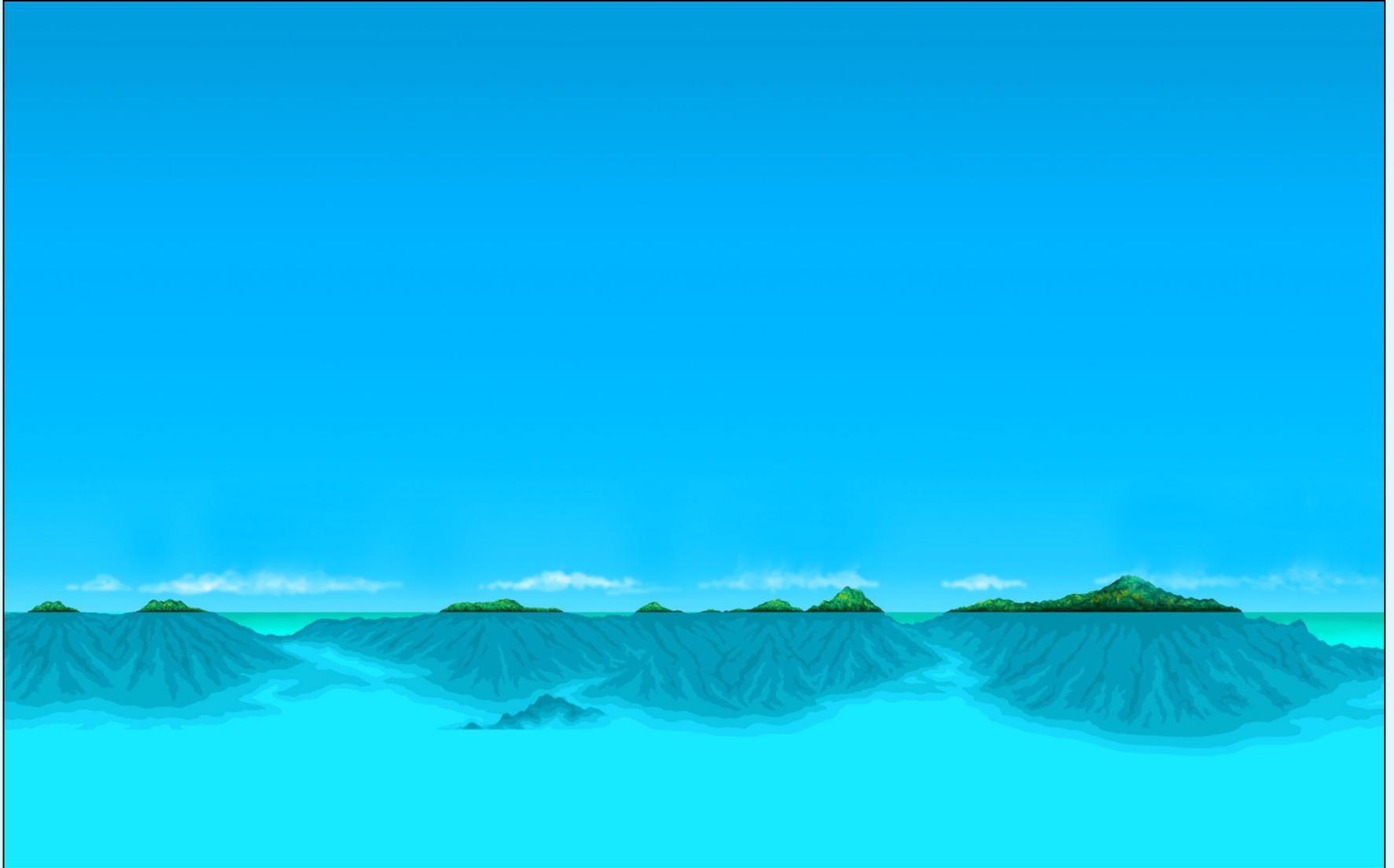


Barrier Reef

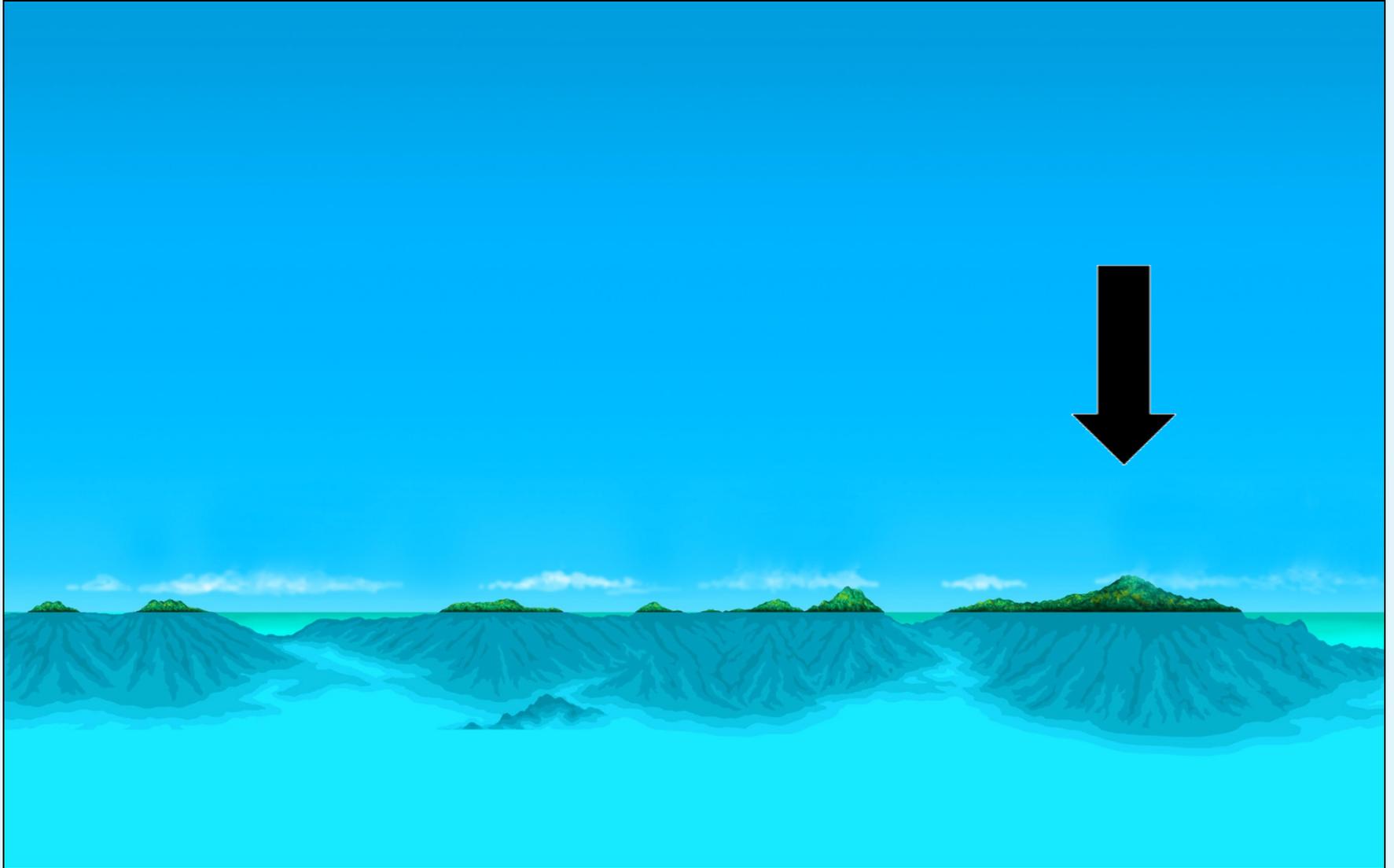


Atoll

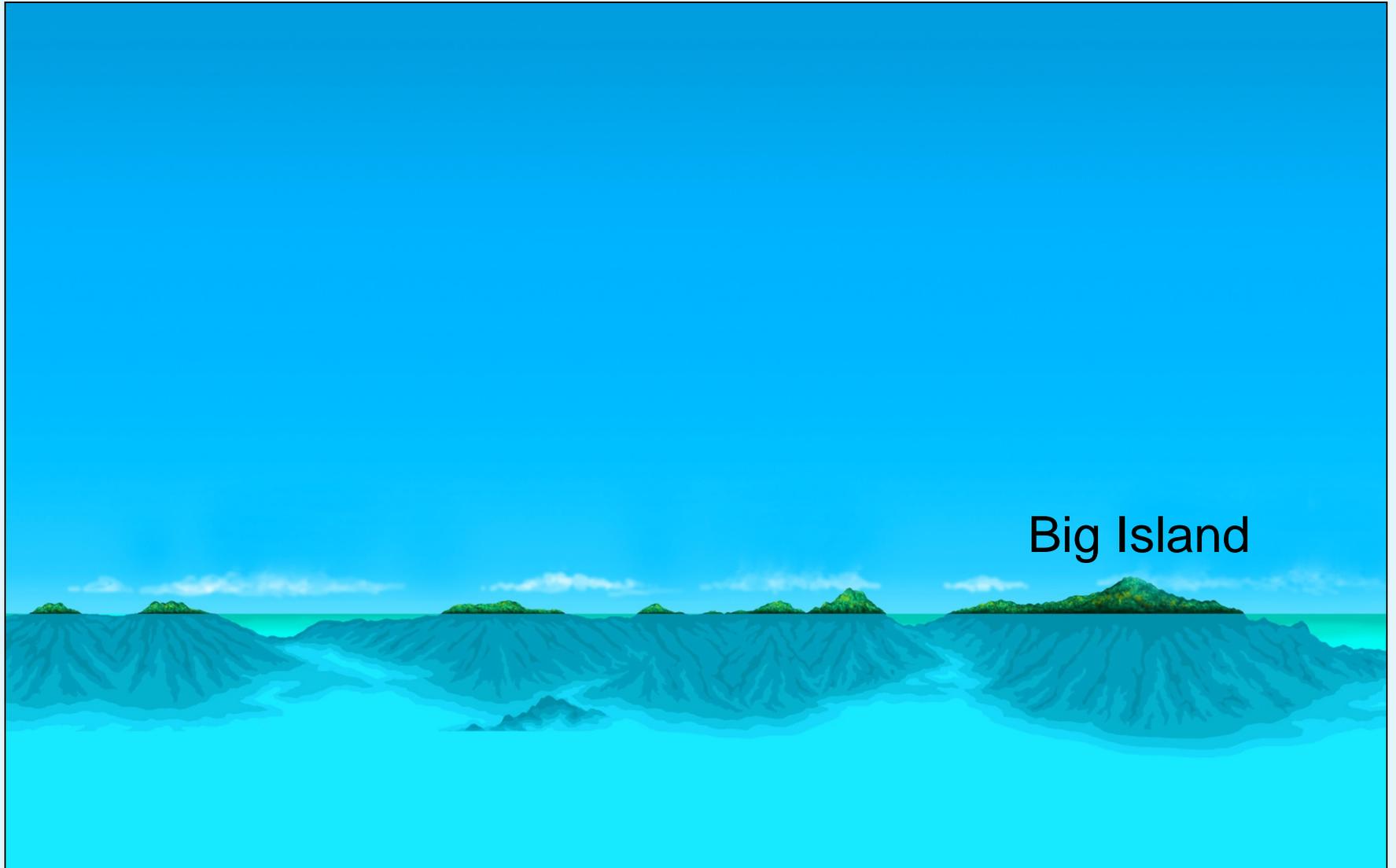
Island Ages



Name the Island



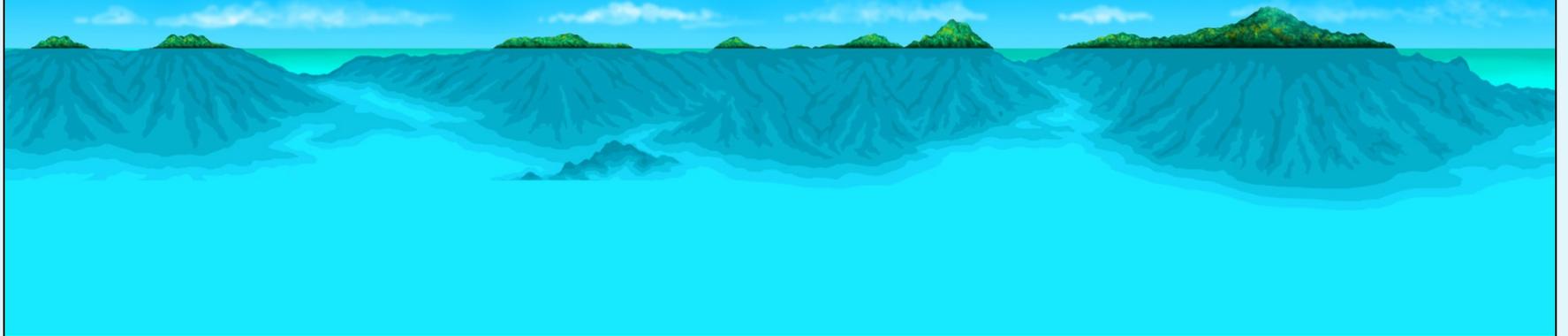
Name the Island



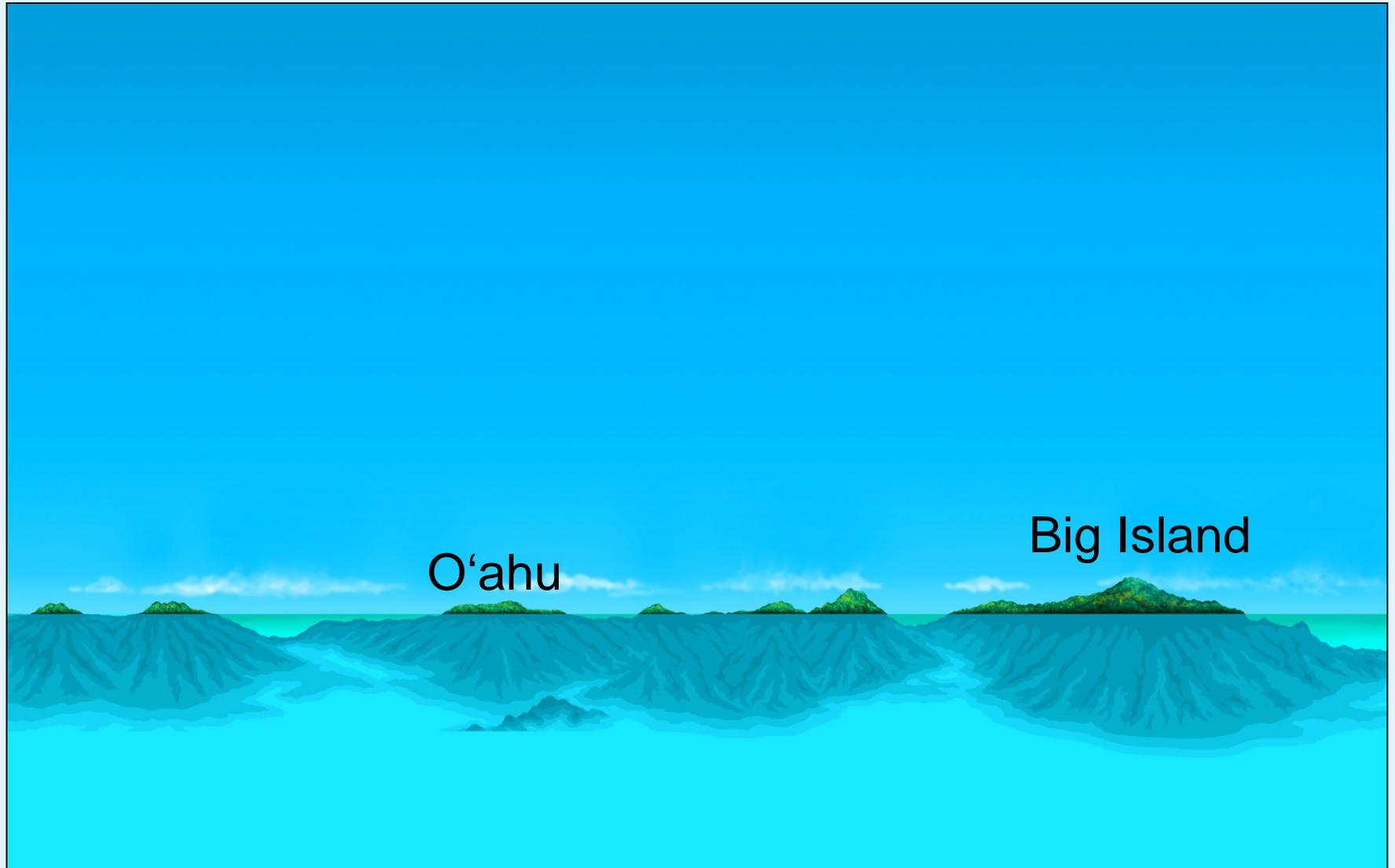
Name the Island



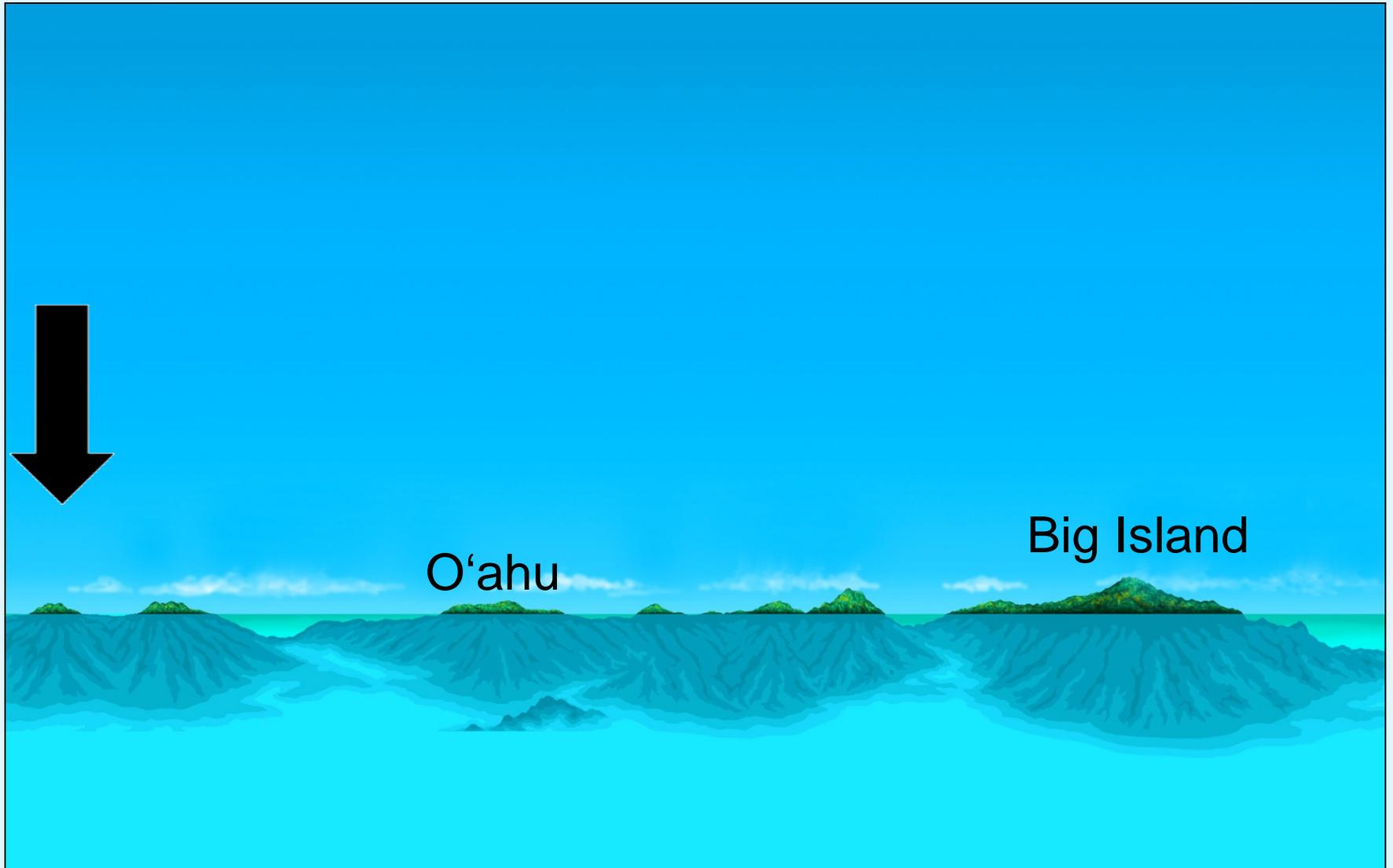
Big Island



Name the Island



Name the Island

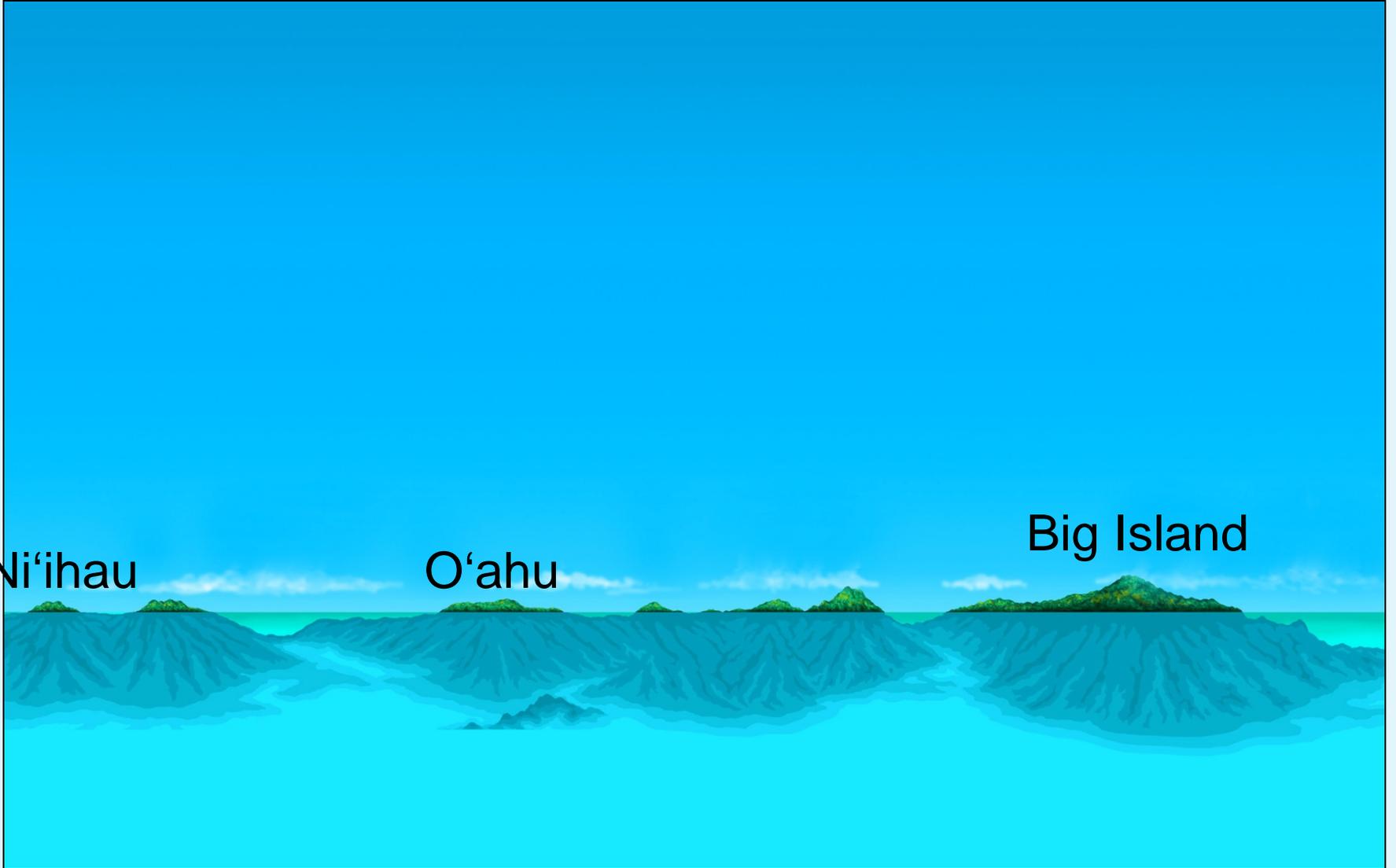


Name the Island

Ni'ihau

O'ahu

Big Island



Why are coral Reefs Important?

- Coral reefs protect landmasses from pounding seas
- Provide habitat and resources for other plants and animals to survive.



All above photos by Dr. James P. McVey, NOAA Sea Grant Program

The End

