

Science Aligned

# GREAT BARRIER REEF

A vibrant illustration of an underwater scene. A diver in a blue suit and yellow fins is swimming horizontally, holding a camera to take a picture. Above the diver, a white airplane is flying. The background is a deep blue ocean filled with various colorful coral reefs, including pink, purple, and green. Bubbles are rising from the bottom. The overall theme is a virtual field trip to the Great Barrier Reef.

VIRTUAL field trip



# DISCOVER THE SECRETS OF THE GREAT BARRIER REEF



Tour the Great Barrier Reef and collect stickers!





# DISCOVER THE IMPORTANCE OF NATURE

Watch engaging videos and read short articles to learn.





## How Was the GBR formed?

The Great Barrier Reef hasn't always been a coral reef! In fact, it hasn't even always been under water! Watch the video to learn more about how the GBR formed!



# SCIENCE CONNECTIONS

- How the GBR formed
- Importance of Coral
- Ecosystems



# LEARN ABOUT THE ANIMALS

Read short articles  
and watch short  
videos about animals  
that live at the GBR.





# EXAMINE ENVIRONMENTAL EFFECTS

Reflect on the  
consequences of  
environmental changes  
and how we can help.

## The Great Barrier Reef Is in Danger

Due to rapid and intense global warming, sea temperatures are rising, causing corals to bleach and die. Entire coral reefs have completely died over the last few decades, with no hope for survival. This is the biggest threat that the GBR is facing right now. In fact, half of the entire GBR has died due to climate change and ocean acidification. Watch the video to learn more.



Click on the photo to watch a coral expel algae. Coral do this when sea temperatures rise, and it causes them to lose their source of energy and nutrition.



As the corals die, the entire ecosystem of the reef collapses. Other animals living there begin to die, as well.



# GOOGLE SLIDES AND SEESAW

## Suggested Uses

- Assign in Google Classroom or SeeSaw
- Whole Class Activity
- Small groups or center
- Early Finisher
- Incentive or Fun Friday





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