

# Blue Hole Explorer Activity Sheet

A printable recap for the interactive learning experience: The Blue Hole in Belize.

## 1. Formation Sequence

Order	Formation Step
1	Limestone platform exposed during lower sea levels
2	Cave systems form in limestone
3	Cave features develop over long time spans
4	Sea levels rise
5	The cave system floods
6	A marine sinkhole remains visible from above

## 2. Mini Glossary

**Marine sinkhole:** A natural geological depression or hole in a marine environment.

**Limestone:** A sedimentary rock that can be shaped by water and cave-forming processes.

**Atoll:** A reef structure or reef system around shallow lagoon-like water.

**Conservation:** Protection and responsible management of natural environments and ecosystems.

## 3. Quick Knowledge Check

1. What is the Great Blue Hole?

Answer: \_\_\_\_\_

2. Why does its center look darker from above?

Answer: \_\_\_\_\_

3. Which material is central to its formation?

Answer: \_\_\_\_\_

4. Why is the wider Belize Barrier Reef context important?

Answer: \_\_\_\_\_

5. Why should nature storytelling separate fact and metaphor?

Answer: \_\_\_\_\_

## 4. One-Sentence Challenge

Explain the Great Blue Hole in one sentence without using the words "portal" or "mystery".

My sentence: \_\_\_\_\_

Created for the interactive learning experience by David Sutherland. Independent educational portfolio prototype. No official affiliation with NASA, UNESCO, Belize Audubon Society, H5P or Google.