



Khaled bin Sultan
Living Oceans
Foundation

STANDARDS

- **CCSS:** RST.9-10.1, 2, 3, 4, 5, 6, 7, 8, 9, 10; RST.11-12.1, 2, 3, 4, 6, 10; SL.9-10.1, 6; SL.11-12.1, 6
- **NGSS:** HS-LS2-8
- **OLP:** 5.C.44, 5.C.47, 5.C.48, 5.C.50, 5.C.53, 5.C.54, 5.C.55, 5.C.56

ONLINE CONTENTS

- [Coral Reproduction Quiz](#)
- [Corals: The Birds and the Bees Video](#) How do coral colonies ensure their own survival generation after generation? Corals reproduce sexually (mass spawning and brooding) and asexually (budding and fragmentation).

CORAL REPRODUCTION

This lesson is a part of the *Coral Reproduction* unit, which explains different strategies that corals use to reproduce. Below is a summary of what is included in the entire unit.

UNIT CONTENTS

A. [Background Information](#)

- Reproduction
- Sexual Reproduction
- Asexual Reproduction

B. Lessons

[Watch it! Birds and the Bees](#)

- A worksheet to accompany the [Birds and the Bees](#) video

[Safety in Numbers](#)

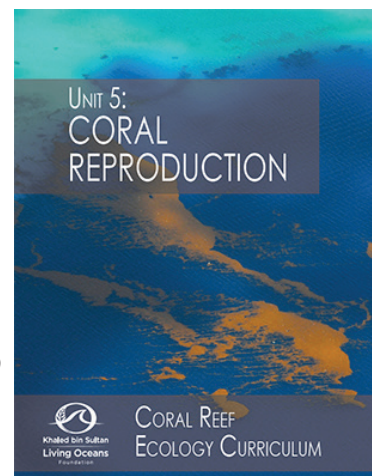
- A game of tag adapted to learn the advantages of mass spawning

[Comic Clones](#)

- An activity to make a comic strip describing a form of asexual reproduction

[Read it! Rolling Stones](#)

- A worksheet to accompany the [Rolling Stones](#) field blog



INSTRUCTIONS:

1. Read *Rolling Stones*, a blog from our Tuamotu, French Polynesia mission (<http://www.lof.org/rolling-stones/>).
2. While reading the blog, take notes and connect it to your prior learning. Note things that you agree or disagree with. There is a space, below, for this.
3. Next, document what you like and dislike about this blog in the space below. Be sure to pay attention to things like style and tone, along with the content and visual design. Be sure to *explain* what it is that you do or do not like about each element.
4. Answer the questions.

NOTES**LIKES****DISLIKES**

1. Sometimes the central idea of a piece of writing and its purpose are not the same. What is the central idea of this blog (what is the whole blog discussing)? What is the end purpose of the blog (hint: check the title)?
2. What is the question about the Hao lagoon that the author is trying to answer?
3. What conclusion was made by the author? Cite specific textual evidence to support this.
4. Did the author fully support his claim? Explain why you think this.
5. *Synchronous spawning*, *brooders*, and *gemmae* are specific vocabulary for the topic of this blog. Define them below.

