



Khaled bin Sultan  
Living Oceans  
Foundation

## STANDARDS

- **CCSS:** RST.9-10.1, 2, 4, 5, 6, 8, 10; RST.11-12.1, 2, 4, 6
- **NGSS:** HS-LS1-1, HS-LS1-4, HS-LS3-2
- **OLP:** 5.C.44, 5.C.47, 5.C.48, 5.C.53, 5.C.55, 5.C.56

## ONLINE CONTENTS

- [Life Cycle Quiz](#)

# LIFE CYCLE

This lesson is a part of the *Life Cycle* unit, which explains the cell cycle and the life cycle of corals. Below is a summary of what is included in the entire unit.

## UNIT CONTENTS

### A. [Background Information](#)

- Coral Life Cycle
- Cell Cycle
- Mitosis
- Meiosis
- Coral Cycles

### B. Lessons

#### [Coming Full Circle](#)

- An activity to make a story wheel of the coral life cycle

#### [Dividing the Parts](#)

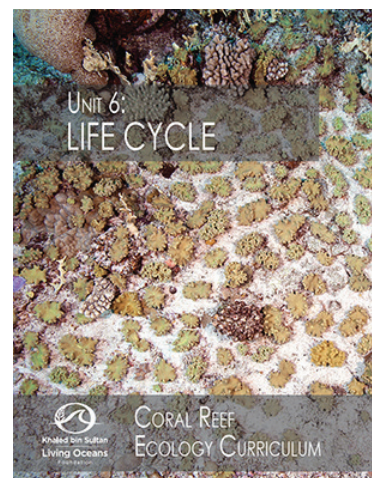
- A crossword puzzle to match the mitosis cell structures to their function

#### [Label It!](#)

- A worksheet to label the structures of a chromosome and a cell undergoing mitosis

#### [Read it! Coral Recruitment](#)

- A worksheet to accompany the [Coral Recruitment in the Garden of Good and Evil: How Baby Corals Get Started on Coral Reefs](#) field blog



**INSTRUCTIONS:**

1. Read *Coral Recruitment in the Garden of Good and Evil*, a blog from our Tuamotu, French Polynesia mission (<http://www.lof.org/coral-recruitment-in-the-garden-of-good-and-evil-how-baby-corals-get-started-on-coral-reefs/>).
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. What is the central idea of this blog?
2. What major question has been answered since Dr. Steneck, the author, has started researching coral?
3. How do baby corals figure out where to settle? Cite specific textual evidence to support this.
4. Did the author fully support his claim? Explain why you think this.
5. *Larva*, *buoyancy*, and *coralline algae* are specific vocabulary for the topic of this blog. Define them below.

