



Khaled bin Sultan
Living Oceans
Foundation

STANDARDS

- **CCSS:** RST.9-10.1, 3, 4, 5, 7, 8, 10; RST.11-12.1, 3, 4, 10; SL.9-10.1, 2, 3, 4, 6; SL.11-12.1, 2, 3, 4, 6; HSN.Q.A.1; HSS.IC.A.1
- **NGSS:** HS-LS1-2, HS-LS2-6
- **OLP:** 1.B, 5.B.1, 5.B.5

ONLINE CONTENTS

- [Ecology Quiz](#)
- [What Is Ecology? Video](#)
Ecology explores living things, plus the way they interact with one another, and their physical surroundings. A coral reef is a very special type of home, it provides nourishment and shelter to an amazing range of living creatures. They interact with non-living things like rocks and sand, ocean currents, temperature, and much more. A vast web of living and non-living things makes up the ecology of coral reefs.

ECOLOGY

This lesson is a part of the *Ecology* unit, which explains what ecologists study and how it applies to coral reefs. Below is a summary of what is included in the entire unit.

UNIT CONTENTS

A. [Background Information](#)

- Ecology
- Biological Hierarchy of Life
- Ecological Levels of Organization

B. Lessons

[Watch it! What is Ecology?](#)

- A worksheet to accompany the [What is Ecology?](#) video

[Factors of the Reef](#)

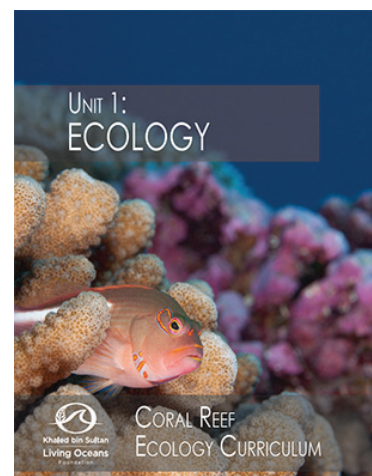
- A lesson to differentiate between inference and observation

[Backyard Ecosystem](#)

- An activity to perform a biological survey of an outdoor area

[Read It! Lionfish: Scourge of the Caribbean](#)

- A worksheet to accompany the [Lionfish: Scourge of the Caribbean](#) field blog



READ IT!

SCOURGE OF THE CARIBBEAN

INSTRUCTIONS:

1. Read *Lionfish: Scourge of the Caribbean*, a blog from our Jamaica mission (<http://www.lof.org/lionfish-scourge-of-the-caribbean/>).
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 into 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. How does the first paragraph tie into the rest of the blog (what is its purpose)?
2. What is the problem with lionfish in the Caribbean?
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. *Invasive species*, *native*, and *lionfish derbies* are specific vocabulary for the topic of this blog. Define them below.

