



Khaled bin Sultan
Living Oceans
Foundation

STANDARDS

- **CCSS:** RST.9-10.1, 2, 4, 5, 7, 8, 10; RST.11-12.1, 2, 4, 10; SL.6.1-8.1; SL.6.5-8.5
- **NGSS:** MS-LS2-3, MS-LS2-4
- **OLP:** (grades 6-8) 5.A.1, 5.A.3, 5.A.4, 5.A.6, 5.A.16, 5.A.21, 6.A.5-6.A.7, 6.D

ONLINE CONTENTS

- [Food Web Quiz](#)
- [Coral Reefs: Unraveling the Web](#) Coral reefs are an ecosystem that supports millions of different creatures. A coral reef is so complex, it's better to think of it as a food web - a network of food chains - that tells a story about the interdependence of all the animals and plants that live in the reef.

FOOD WEB

This lesson is a part of the *Food Web* unit, which explains how matter is recycled and energy is transferred in the biotic (living) parts of a coral reef ecosystem. Below is a summary of what is included in the entire unit.

UNIT CONTENTS

A. [Background Information](#)

- Earth's System
- Matter
- Energy
- Feeding Strategies
- Food Chain
- Food Web
- Ecological Pyramids
- Energy Pyramid & 10% Rule

B. Lessons

[Watch It! Unraveling the Web](#)

- A worksheet to accompany the [Coral Reefs: Unraveling the Web](#) video

[Stringing it Together](#)

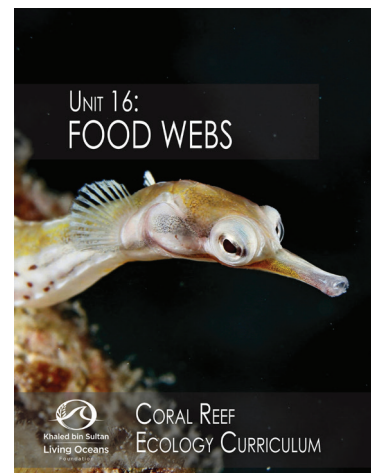
- An activity that models food chains and food webs in the coral reef ecosystem to aid in understanding how matter is recycled and energy flows through it

[Read it! Sharks](#)

- A worksheet to accompany the [Sharks!](#) field blog

[Read it! Faces & Functions of Algae](#)

- A worksheet to accompany the [The Faces and Functions of Algae on the Reef](#) field blog



INSTRUCTIONS:

1. Read *Shark*, a blog from our Great Barrier Reef, Australia mission (<https://bit.ly/sharksGBR>).
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**

5. *Top-order predator*, *abundance*, and *fishing regulations* are specific vocabulary for the topic of this blog. Define them below.

6. Write a sentence of your own creation that connects the three words from #5, above.

7. Is this blog a reliable source for scientific information? Why or why not?

