

## **STANDARDS**

• CCSS: RST.9-10.1, 2, 4, 5, 6 8, 10; RST.11-12.1, 2, 4, 6, 8, 10

## **ONLINE CONTENTS**

- Crown of Thorns Starfish
  Crisis Video The crown-ofthorns starfish (COTS for
  short), named for its bristling
  helmet of sharp venomous
  spines. These giant starfish,
  found in the Pacific and Indian
  Oceans, have up to 21 arms
  and can grow as large as
  a meter in diameter. They
  are a major coral predator
  and eat coral by extruding
  their stomach through their
  mouth and excrete digestive
  enzymes that allow them to
  absorb the dissolved coral
  tissue externally.
- Ocean Alert: Overfishing
   <u>Video</u> The world's oceans are the biggest source of food for the whole planet. Almost 35% of the world's population gets most of their protein from ocean animals. Although seafood markets around the market appear to be full, they hide a crisis: overfishing. Overfishing occurs when people catch more animals than the ocean can sustain.

# **CORAL REEF THREATS**

This lesson is part of the *Coral Reef Threats* unit, which describes the natural and anthropogenic threats to coral reefs. Below is a summary of what is included in the entire unit. **THIS UNIT IS STILL IN DEVELOPMENT.** 

### **UNIT CONTENTS**

A. Lessons

Bleaching

#### Read It! Life & Death on the Reef

 A worksheet to accompany the <u>Life & Death on the Reef</u> field blog

Crown-of-Thorns

#### Watch It! Crown-of-Thorns Crisis

 A worksheet to accompany the <u>Crown-of-Thorns Starfish</u> <u>Crisis</u> video

#### Read It! Addressing Acanthaster

A worksheet to accompany the <u>Addressing Acanthaster</u> field blog

#### Read It! Life, Death, and Rebirth

 A worksheet to accompany the Life, Death, and Rebirth (<u>Part 1</u> and <u>Part 2</u>) field blogs

Overfishing

#### Watch It! Ocean Alert: Overfishing

A worksheet to accompany the <u>Ocean Alert: Overfishing</u> video

#### Read It! The Man-eaters

A worksheet to accompany the <u>The Man-eaters</u> field blog

#### Read It! Best Wishes for Reef Fishes

 A worksheet to accompany the <u>Best Wishes for Reef Fishes</u> field blog

#### Read It! Sea Cucumber Craze

A worksheet to accompany the Sea Cucumber Craze (Part 1 and Part 2) field blogs

Pollution

#### Watch It! Pollution Everything is Connected

 A worksheet to accompany the <u>Pollution Everything is</u> <u>Connected</u> video





**NOTES** 

# **READ IT!**

## BEST WISHES FOR REEF FISHES

#### **INSTRUCTIONS:**

- 1. Read *Best Wishes for Reef Fishes*, a blog from our St. Kitts and Nevis mission (<a href="http://www.livingoceans-foundation.org/best-wishes-for-reef-fishes/">http://www.livingoceans-foundation.org/best-wishes-for-reef-fishes/</a>).
- 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.

LIKES	DISLIKES

1.	What is the central idea of this blog?
2.	Reading the part of the blog above the picture of the nurse shark, what question(s) come to your mind?
3.	What conclusion was made by the authors? Cite specific textual evidence to support this.
4.	Did the authors fully support their claim? Explain why you think this.
5.	Overfishing, sustainable fishing, and fisheries valuation maps are specific vocabulary for the topic of this blog. Define them below.

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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?
8.	Do you notice any bias in this writing? If so, what?
9.	Describe three things that you learned while reading this blog entry (they do not have to relate to the central idea).
10	Construct a comment to post in response to this blog. Remember that a good comment makes connections, asks a question, or gives an opinion in a respectful manner. You might want to quote the part of the blog that you are specifically referring to. Don't be afraid to disagree with another writer, but be sure to explain yourself and remain polite.