

## LITTLE OCTOPUS CD-ROM

### LESSON SIX: Colors Under the Sea

**SCIENCE TOPIC:** Animals have different colors.

#### Science Objectives

Students will:

- identify different colors in reef animals

#### Correlations

##### K-2 Life Science

- Know objects can be described in terms of their physical properties, such as color.
- Observe and describe similarities and differences in the appearance of animals

#### Materials

- The story
- CD lesson: Reef Critters
- Activity pages: R3 Who Lives on the Reef?

## INTRODUCTION

### Animal Colors

#### Objective

1. Students will identify colors in reef animals.

#### Teacher-directed computer lesson

Open the CD main menu and click on Reef Critters. Scene 1 comes up first. You will click on different animals to discuss their use of color. (Each button on the lower left shows a view of the reef. As you move from left to right, you get closer to the reef.)

- Click on the giant clam. Look at each photo and ask students, “What color is this clam?”
- Click on the sponges. Look at the different sponges and ask them to name the color or colors of each. Ask students “Are all sponges the same color?” (No, they come in different colors.)
- Click on the parrotfish. Ask students “What colors do you see on the parrotfish?” (Parrotfish are covered with many bright colors.)

The teacher can continue the directed lesson by looking at more animals in reef scene 2.

#### Review the Story

Brainstorm with students about the colors of different characters in the story. “What color was the giant clam? (green)” “What color was the eel? (tan)” Etc. Go back to story as needed. You can also use the ebook version on the computer.

at-a-glance

CD: Reef Critters,  
scene one

Compare the use of  
color as you click on  
animals on the reef.



Brainstorm about the  
colors of different  
animals in the story.

at-a-glance

What color is the parrotfish in the story? (blue) What color is the butterflyfish? (It is yellow with a black and white head) What color is the grouper? (orange with blue spots) What color is the giant clam? (green) What color is the eel? (brown or tan) What are some of the colors that the little octopus changes into? (pink, red, white, yellow)

**Extension**

In the story, some animals are only one color. (starfish, boxfish) .Other animals have more than one color. Some have stripes with different colors (cleaner shrimp, angelfish). Some have spots with different colors (sea cucumber, grouper).

**FOLLOW-UP ACTIVITIES**

**Activity R3 Who Lives on the Reef:** Students use crayons or markers to color a mini book about the coral reef. After the students are done coloring, fold each page in half horizontally first and then vertically. Pages 3 to 6 fit inside the folded pages 1 and 8. Students can trim the pages around the border first.

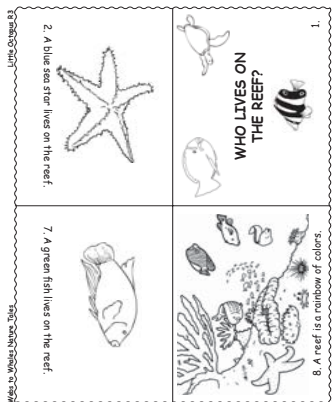
**Teacher Notes:** For your more advanced students, you can white out the color words and have students write them on the page or put the dotted color word on the page and have them trace over the word.

When students have finished their books, they can read them to each other.

**Computer Center:** Student pairs can explore more animal colors in reef scene 2, which includes the angelfish and butterflyfish.

**This lesson can be used with Theme 2 of the Houghton Mifflin Reading program, Colors All Around. It also ties in with the ocean theme for science.**

Follow-up:  
**R3 Who Lives on the Reef**



CD: Reef Critters  
Go to Scene 2 and click on some of the different fish