

## Chapter 7: Jack Sprout Meets Oliver Otter

### Language Arts

Read Chapter 7 together or independently.

Practice punctuation.

Have the student find and copy one sentence from the book that contains each of the following: comma, period, exclamation point, semicolon, question mark, and hyphen.

Choose words from the chapter to use as spelling and vocabulary words.

Vocabulary words to consider: direct, patrols, fleet, talons, shoreline, and aching. Have the student find them in the chapter, look them up in a dictionary, list synonyms or antonyms, or use them in sentences.

Retell what happened in the chapter.

Ask the student to retell what happened in the chapter.

Connect the chapter to real life.

Ask the student to tell about a time when he or she was at a river, on a boat, or at the beach.

### Character Training

Discuss the importance of not taking something without asking.

Pierre Le Tru told Jack Sprout that he must ask Oliver Otter before taking river rock. Ask the student to tell what would happen if people did not ask permission to use things.

Discuss how each person is responsible for his or her own work.

Captain Berry told Jack Sprout that everyone was here to help him but that he needed to do his work himself. Help the student list the things that he or she is responsible to do. Ask the student how it feels to have a job well done.

### Social Studies

Color the new areas on the map of Beaver Creek Meadow which Jack Sprout visited.

As you are doing this, point out the directions north, south, east, and west. Also draw attention to the different land features.

Create a concept map of Beaver Creek Meadow's economy.

Add Oliver Otter and Captain Berry to the concept map and add arrows connecting them with other characters.

Make a list of each new location in Beaver Creek Meadow. Then list the characteristics of each location.

Discuss with the student how each location is best-suited for the characters found there and the activities they do.

Add to the Beaver Creek Meadow Timeline.

Make a list of rules for Beaver Creek Meadow.

Based upon what the student has learned so far about Beaver Creek Meadow, help him or her to make a list of rules that keep the community running smoothly.

Practice using a map.

Locate Beaver Creek, Westside Creek, and the docks. Which direction will Captain Berry and Jack Sprout have to go to get to Oliver Otter near the Ocean?

Discover what everyone in Beaver Creek Meadow needs.

Help the student to list things that everyone in Beaver Creek Meadow needs. Include physical, social, and emotional needs.

## Science

Read about rivers, boats, the seashore, and otters.

Check out a book from the library, use an encyclopedia, or use the Internet to learn more about rivers, boats, the seashore, and otters.

When sprouts are 6" to 7" tall harvest with scissors and eat.

You may eat the sprouts by themselves, mix them with a salad, or add them to a sandwich.

Give an example of what the sprouts taste like.

Ask the student to describe the flavor of the sprouts.

Describe what will happen if the sprouts are allowed to grow in a pot.

You may choose to transplant some of the sprouts to the ground or to a pot, depending on the weather. Ask the student what he or she thinks will happen to the transplanted sprouts.

## Mathematics

Check sprouts and measure them

Record the air temperature near the sprouts.

Track the number of days taken to grow an edible crop.

Track the total amount of water used for sprouts.

Calculate the rate of crop growth daily by percentages.

To calculate the percentage of growth, subtract the current height of sprouts from the previous height of sprouts. Now divide that number by the previous height of sprouts. Lastly, convert the decimal to a percentage.  $\frac{\text{Current height} - \text{previous height}}{\text{Previous height}} \times 100$ . For example, if the previous height is 2 inches, and the current height is 3 inches, the percentage of growth would be as follows:  $\frac{3-2}{2} \times 100 = \frac{1}{2} \times 100 = 0.5 \times 100 = 50\%$  increase.

## Cut and measure the sprout crop harvest by weight and volume

### Art

Go online and search for Edouard Manet's painting *Boating* and read his biography. Or check out a book from the library about Manet.

Make a paper plate otter.

Visit <http://www.daniellesplace.com/html/OtterCrafts.html> for instructions on how to make a paper plate otter.

### Music

Listen to "Petite Suite (In the Boat, Cortège, Minuet, Ballet)" by Claude Debussy.

You can purchase a CD, check one out from the library, or search for "Petite Suite (In the Boat, Cortège, Minuet, Ballet)" by Claude Debussy on the Internet.

Read about Debussy.

Check out a book from the library, use an encyclopedia, or use the Internet to research Debussy.