

# Shell Collection

Scallops are a worldwide group of several hundred species. In the early 1980s scalloping was a big industry at Port Canaveral. Scallops snap their shells together to propel themselves rapidly through the water in a zig-zag direction. Most scallops have a series of brightly colored eyes along their mantle.

The Florida state shell is the Florida horse conch which is carnivorous and grows up to 18 inches in length.

There are about 400 species of cone shells and they are mostly found in warm tropical waters. Cone shells are carnivorous and feed on worms and small fish.

## **Objectives:**

### **First Grade:**

Raise questions about the shell collection and investigate your questions in teams.

Identify a primary source that you could use in order to learn more about the Florida horse conch.

Draw a picture of your favorite shell and describe why it is your favorite.

Compare and order whole numbers at least to 100.

### **Science:**

SC.1.N.1.1 Raise questions about the natural world, investigate them in teams through free exploration, and generate appropriate explanations based on those explorations.

Explore the shell collection and raise questions about it and investigate your question in teams through free exploration. Come up with explanations for your questions with your team.

### **Social Studies:**

SS.1.A.1.1 Develop an understanding of a primary source.

Identify a primary source that you could use in order to learn more about the Florida state shell, the Florida horse conch.

### **Reading and Language Arts:**

LA.1.4.3.1 The student will draw a picture and use simple text to explain why this item (food, pet, person) is important to them.

Draw a picture of your favorite shell from the shell collection and explain why it was your favorite.

### **Mathematics:**

MA.1.A.2.1 Compare and order whole numbers at least to 100.

Imagine that you have multiple collections of Florida horse conchs and cone shells:

25 Florida horse conchs

18 Florida horse conchs  
68 cone shells  
46 cone shells  
94 Florida horse conchs  
82 cone shells  
79 Florida horse conchs  
2 cone shells  
31 cone shells  
57 Florida horse conchs

Order the shells from the smallest collection to the largest.