



**Grades  
K-2**

# Oh Barnacles!

**Student Activity Workbook**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

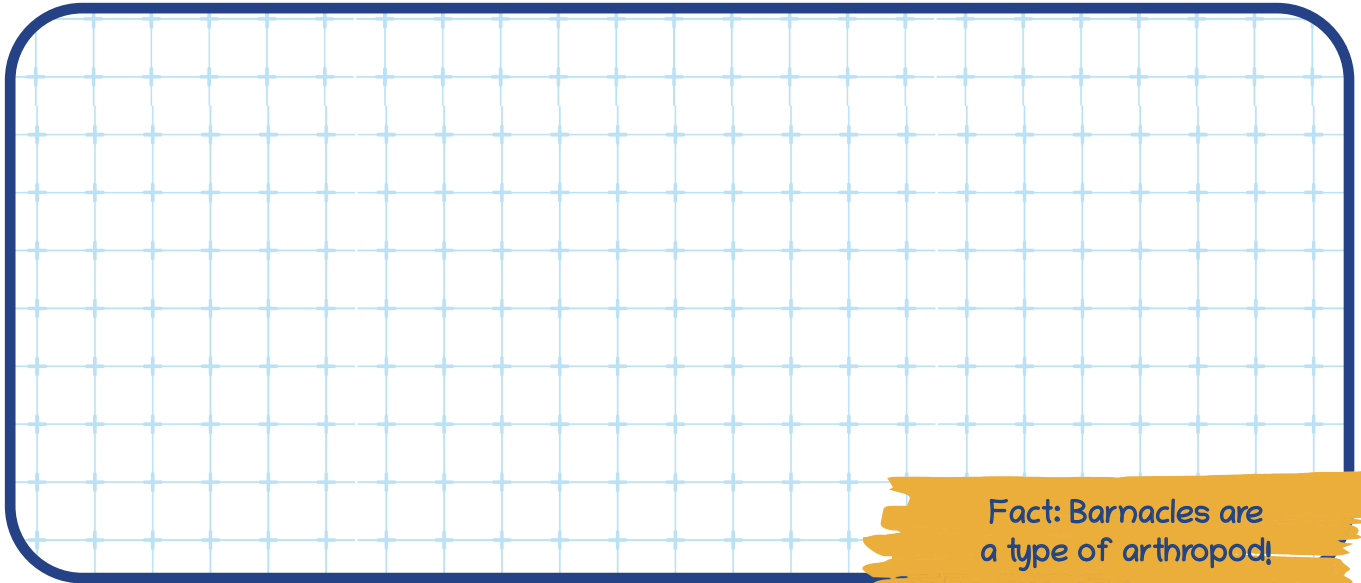
## Engineering Notebook



**Seaworthy STEM™ in a Box Series**

# Oh Barnacles!

- 1 Draw your observation of the toy boats moving in the water. Then draw an arrow in the direction that the boats are moving.



Fact: Barnacles are a type of arthropod!



- 2 After sticking the barnacles onto a boat, record and compare the time each boat took to travel the same distance. Then circle which boat was faster.

Record the time of the boat without the barnacles:

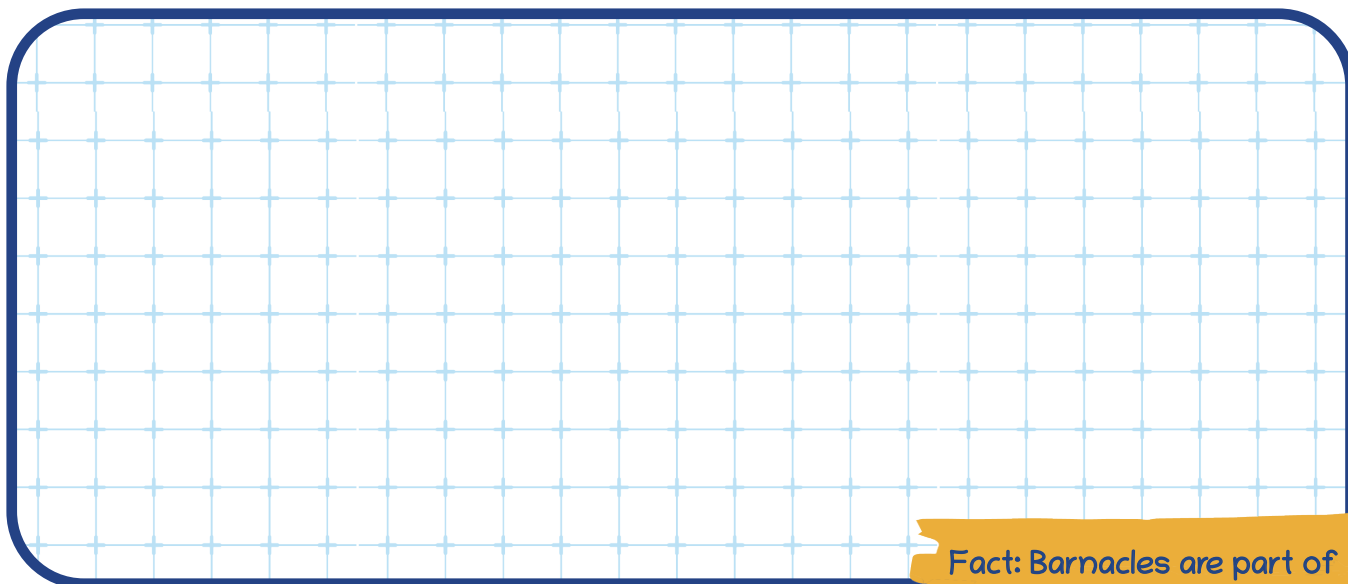
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Record the time of the boat with barnacles:

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- 3 After painting the anti-fouling coat, observe and draw the last observation of your boats in the water. Count and write down how many barnacles fell off your boat.



Fact: Barnacles are part of the crustacean family and thus are related to crabs!



- 4 Looking at your data, how did the boat's speed change and why?

A large rectangular area with horizontal blue lines, intended for writing.

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