



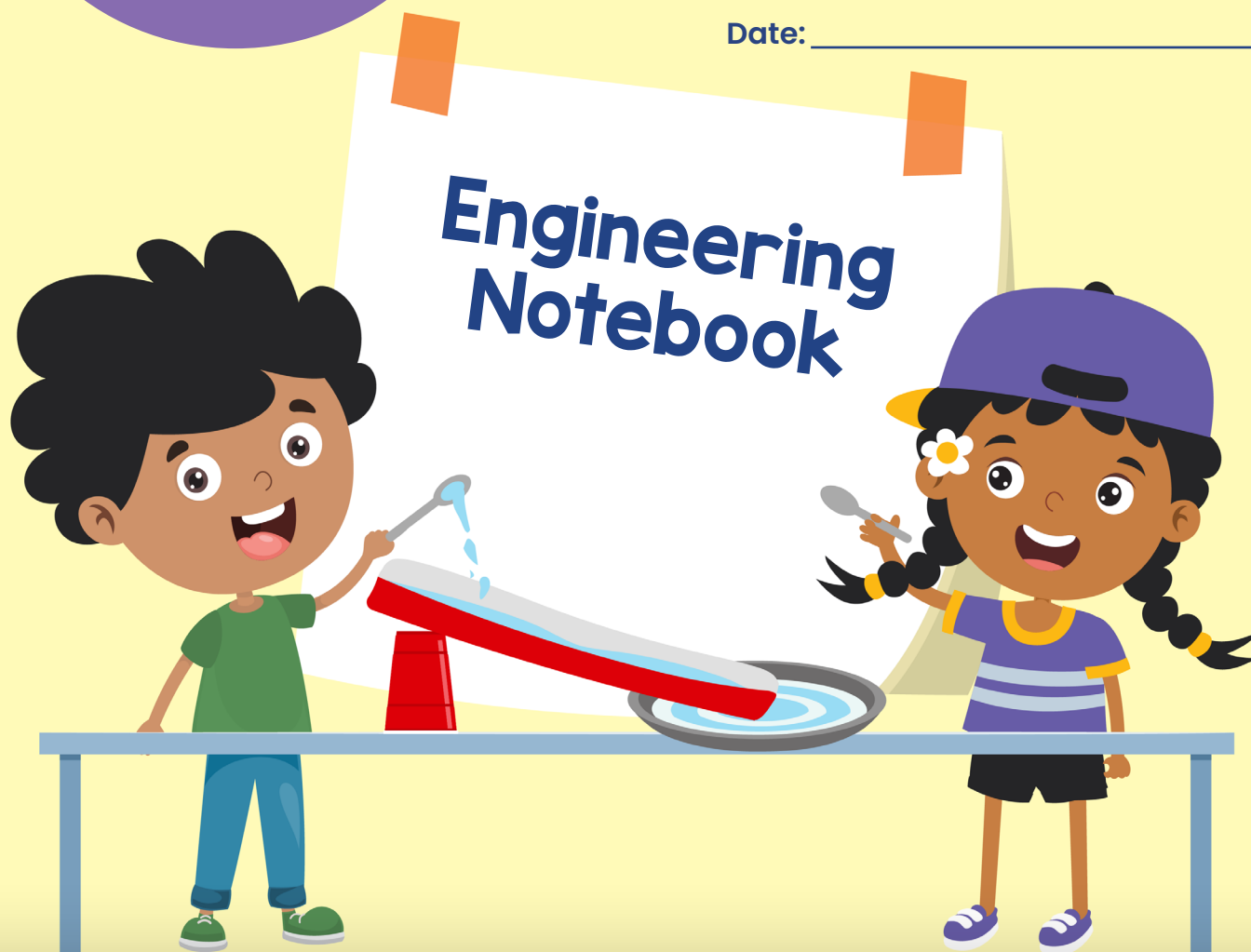
**Grades  
3-5**

# Glacier Gak

## Student Activity Workbook

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

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



**Seaworthy STEM™ in a Box Series**

# Glacier Gak

- 1** As the glacier gak moves down the slope, use the text box below to describe your observations. Draw and color to describe what you see, hear, smell, and or touch!

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- 3** Record the time of the white gak mixture:

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Record the time of the blue gak mixture:

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What factors could have made the times different? Will glaciers always move at the same speed in real life? What are some reasons that glaciers may vary in speed from year to year?

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- 3 Once your glacier is done moving down the slope you will notice the glacier has created a pattern at the bottom of the pan. What do you think the pattern can tell you about your glacier?

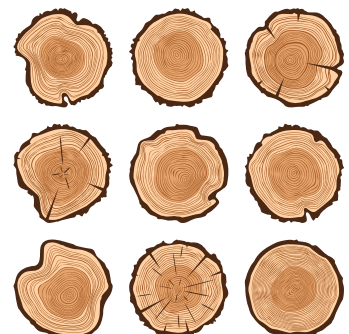


- 4 A **glaciologist** is a scientist who studies the movement and physical properties of glaciers. Glaciologists also study the formation of ice. What kind of environment would a glaciologist have to work in? Would you want to become a glaciologist? Why or why not?



**Fun Fact!**

Did you know that glaciers are similar to trees? As ice in the glacier lays down in successive layers from previous years, the glacier is similar to the same formation in tree rings. These layers record the weather patterns and circulation as Earth cycles through colder and warmer periods.



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# Glacier Gak Engineering Notebook



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