

BEACH BINGO

This lesson plan developed by:



Overview:

Help students discover their natural surroundings by playing an interactive game of bingo with items that can be found at your beach or shoreline. The game may elicit discussion regarding plastic pollution depending on what items you choose to include on the bingo board.

Materials:

- Wood board or poster board (25" x 25")
- Markers to write names of items or print out pictures
- Variety of coastal/beach items or access to a shoreline

Set-up Prior to Activity:

- 1. On the wood or poster board, create a grid with 5 rows and 5 columns which will be 5" x 5" squares, as shown to the right.
- 2. In each square, write the name of an item that can be found on the beach and/or include a corresponding picture. Here is a list, which can be modified based on what is found locally:
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- Crab claw
- Bay scallop shell
- Blue mussel shell
- Sea glass
- Crab carapace
- Feather
- Jingle shell
- Manmade plastic
- Manmade rope

- Irish moss seaweed
- Slipper shell
- Ribbed mussel shell
- Wishing rock
- Driftwood
- Sea star
- Sea lettuce
- Skate egg caseHorseshoe crab molt.

- Quahog shell
- Sand
- Whelk shell
- Whelk egg case
- Dead man's fingers seaweed
- Oyster shell
- Periwinkle shell

Beach Bingo (cont.)



On the last pages, there are images of the items to print out and place on the board. You can create one board or multiple boards with objects in different squares.

Duration:

60-90 minutes

Physical Activity:

Moderate

Activity:

Part 1: Introduction to the Beach

Begin the activity with a verbal "brainstorm" about what type of items may be found along the shoreline. If you have a whiteboard, make a list. Are the items living? Non-living? This activity helps students connect with nature and learn how to identify items found along the shoreline.

Part 2: Play Beach Bingo

- 1. As a large group with one bingo board or in smaller groups with multiple bingo boards, students can search the shoreline and beach for items on the bingo board. Before you start the game, you can discuss the items on the board.
- 2. The goal is to find five items in a row or in a diagonal.
- 3. If you are unable to go to a beach with your students, hide items around the classroom and play the same way.

Bonus: Challenge the students to find all of the items to cover the entire board.

Discussion:

As a group, discuss the following questions:

- Were you able to find all of the items on the bingo board?
- Which items were easiest to find? Which were the most challenging? Why?
- Were there items on the beach that were not on the bingo board? Could you identify them?
- Did you find any manmade items? Was any marine life growing on them? How would you prevent those items from reaching the shoreline?

Additional Resources:

To learn more about the activity, check out our **Beach Bingo** "how to" video.

Ocean Literacy Principles:

Ocean literacy is an understanding of the ocean's influence on us, and our impact on the ocean. There are seven Ocean Literacy Essential Principles that all people of our blue planet should

Beach Bingo (cont.)

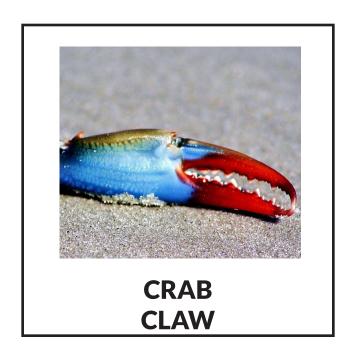


have an opportunity to learn and understand. This activity touches upon the following Essential Principles:

- 4. The ocean made Earth habitable
- 5. The ocean supports a great diversity of life and ecosystems
- 6. The ocean and humans are inextricably interconnected
- 7. The ocean is largely unexplored

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As sailors and water-lovers, you are among the first to notice changes to our seas such as fewer marine animals, more pollution and damaged marine habitat. Through our Green Boating initiative, Sailors for the Sea Powered by Oceana provides opportunities for you and your community to address pressing ocean health issues. As a Green Boater, you will be provided with the information, resources and access to combat marine plastic pollution, prevent habitat destruction, source responsible seafood and protect marine animals. From demanding plastic-free alternatives to choosing sustainable seafood, your voice and actions are an important part of restoring the abundance of our oceans and protecting marine habitats. Join our growing Green Boating Community today.























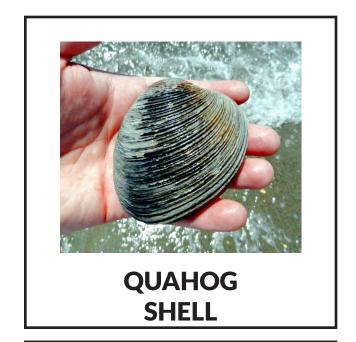






















HORSESHOE CRAB MOLT



WHELK **EGG CASE**



SKATE EGG CASE



WHELK SHELL



OYSTER SHELL