



Homeschool Lesson Plan

On the Boardwalk



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Intro

Come with us on an epic adventure to the boardwalk! Test your math skills with exciting games, explore tasty traditions (like fudge and taffy!) and dive beneath the surface to explore amazing sea creatures. Then grab your art supplies and whip up colorful under-the-sea decor, learn to make the next best thing since water balloons, and take a lesson in watercolors. It's all fun and games on the boardwalk!





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Math

Beginner:

- High 5! Can you help this sea creature [count by 5s](#)?
- That's odd! Or is it even? Can you tell which [octopus](#) leg is odd and which is even?
- Let's move and groove under the sea with [2D and 3D](#) shapes.

Intermediate:

- Quick! Can you help the [scuba diver](#) get to the surface by removing any blocks in the way?
- Get moving in 3, 2, 1! Grab a beach ball and some tape and let's have a [Beach Ball Party!](#)
- Earn tokens to play fun [boardwalk games](#) when you put the positive and negative decimals in the correct order.

Advanced:

- Conquer this [deep sea math game](#) when you figure out how many shells each creature has. (Hint: The total number of shells is shown for each row and column.)
- Any guesses on how much the [ocean weighs](#)?
- Do you know what [percentage](#) of the water on earth is salt water?



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Science & Geography

Beginner:

- Warm up your voice and get ready to [sing along](#) with the oceans of the world.
- Besides fish, do you know what other animals live in the ocean? Let's find out as we listen to [How Deep in the Ocean?](#)
- Splish-splash! Have you ever wondered what it would be like to be a [marine biologist](#)?

Intermediate:

- Do you know which [ocean](#) is closest to you?
- Now see if you can name each [ocean](#).
- The ocean is home to the world's [largest living structure!](#) Do you know what it is?

Advanced:

- So are there 4 or 5 oceans? Explore how the [boundaries of oceans](#) have changed over time.
- Talk about a dream job! Take a deep dive [beneath the surface](#) of the ocean to see how animals use light to communicate.
- Feeling crabby? Maybe you need a new shell. Watch how these [crabs](#) line up to exchange shells!





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Languages & Literature

Beginner:

- Rhyme time! Enjoy a fun read-along [boardwalk](#) book about a day by the sea.
- Let's go canoeing! Use these [summer words](#) to describe what you want to do this summer.
- Find all 5! Can you circle all 5 hidden words in this [word search](#)?

Intermediate:

- Surf's up! See if you can find all the oceans and continents in this fun [word search](#).
- Let's celebrate Independence Day! See how many words you can make from the letters in [independence](#).
- Can you identify [which word is missing](#) from the beach scene?

Advanced:

- Pick a pair! Test your memory to match these [summer activities](#).
- It's a jumble gym! [Unscramble](#) these jumbled words to reveal the best things about summer.
- When it's super hot outside, it's called a _____. Think you can solve this [crossword puzzle](#)?

Writing prompt:

- You were on the boardwalk eating ice cream when this happened! Write about something surprising. Did you see something or hear something? Use your imagination to invent an adventurous story.



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History & Culture

Beginner:

- Do you know what ocean animal can make [gemstones](#)?
- Check out these [sea monster fossils](#)! What features would you use to design your own creature?
- Fun fact: [Sea turtles](#) are so old, their ancestors may have known dinosaurs!

Intermediate:

- Boardwalk eats! [Funnel cake vs. elephant ear](#)! What's the difference?
- Hungry for more? This boardwalk at [Carolina Beach](#) has a donut shop that's been in business for more than 80 years!
- You can't visit a boardwalk without tasting [fudge](#). What do you think the secret ingredient is?

Advanced:

- Let's take a trip to the New Jersey shore to see how [salt water taffy](#) is made. Yum!
- Shells or beads? Watch how a Native American keeps an ancient bead art alive using [shells](#).
- [Shell carving](#) is one of the oldest Native American art forms and is still taught today.



Creative Exercise

What mysterious [sea creatures](#) live at the bottom of the ocean? If you could design a sea creature, what special features would you give it? Grab a piece of paper and draw your creative new creature.



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Arts & Crafts

Beginner:

- All aboard [The Craft Train](#)! We're making seahorse puppets out of paper rolls.
- Make a splash and practice following step-by-step instructions when you make [origami whales](#).
- Feature a creature! Pick one of these exciting [sea creatures](#) and get crafting!

Intermediate:

- Grab the crayons and get ready to draw an awesome [octopus](#).
- How about making a shiny [jellyfish](#) that doesn't sting?
- Who needs water balloons when you can toss [sponge](#) stars?!

Advanced:

- Surf's up! Get ready to make waves with a fun lesson in [watercolor art](#).
- Transform an old mason jar into a bright and summery [watermelon](#).
- Light the night! Make your own [firefly night-light](#) using plastic eggs.





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Field Trips

- Do you know where the largest [aquarium](#) in the world is located?
- Let's go see where [Native Americans](#) traded shark teeth, sea shells, and materials for arrowheads.
- We're headed to Nova Southeastern University's [Oceanographic Center](#) to grow coral, sort shrimp, and track tiger sharks!

