



# Water Around us!

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Theme Curriculum Web

ECE 211  
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## **Water around us!**

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This theme curriculum unit was inspired in observation to the children which enjoy to play and explore the Water around them. This theme is adapted from the Unit seven: “Water”, in the New York City interdisciplinary units of study. It is elaborated developmentally appropriate practice for the children and is created in concurrence with NYS Pre-K foundation for the common core.

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This curriculum search that the Pre-K students will ponder the question “What is Water?” The children will learn the basic concepts of Water, where it comes from, the diverse forms of Water, how the Water is supplied, why it is important in our lives, and how we should protect this natural resource.

Each subtheme navigates through the theme Water providing to the children various perceptions of Water that contributes for their developing in all their domains with diverse activities.



# Water in Movement

**Goal:** The children will explore the diverse forms of Water, how Water connects all of us in various ways in the world, where the Water comes from, where the Water goes, and waterways of how the Water is supplied.

1. **Water Wall:** Children will explore the Water in different ways, observing the Water in motion, discovering new things, and getting new ideas. They will pour out the Water into the various tubes, funnels, hoses, empty plastic bottles, waterwheel, and stacking cups.

2. **Song:** I will project to the children “the Water Song” by Sesame Street. Then, I will play for a second time, and I will invite them to move/dance their bodies as Water moves.

3. **Water Moves Art Project:** The children will create any diverse form of Water that they have seen or explored through the books or sensory activities in their free self-expression about Water.

**Book:** *All the Water in the World* by George Ella Lyon

# Water Changes

**Goal:** The children will observe how the Water has the property to turn from ice (solid) into the Water (liquid) as it melts or reacts with hot temperatures.

**1. Ice Colored Sculpture:** Children will manipulate different sizes and colors of ice, creating sculptures, and making predictions.

**2. Song:** I will introduce to children an action song, "I'm a little ice cube," pretending to be an ice cube.

**3. Ice painting:** The children will explore a different way to paint using colored ice with art craft sticks and making diverse marks.

**Book:** *I am Water/ Soy el Agua* by Jean Marzollo



# Rain upon us!

**Goal:** The children will be introduced to the science of rain, where the rain comes from, the effects of a rainy day, how beneficial it is to our environment, and the sounds of the rain.



1. **Rain sticks:** Children will explore various sounds created by placing different materials inside the tubes and decorating their rain sticks creatively.

2. **Song:** children will listen to diverse rain sounds. We will then learn the "Pitter Patter Pitter Patter" rhyme that will help the children follow the sound of a rapid succession of light beats or taps, as of rain. Then, they will play their rain stick with rhythmic beats and songs. They will also dance and move their bodies along the songs.

3. **Rain cloud:** As children have been learning about rain and how clouds are a visible mass of condensed Water vapor floating in the atmosphere up in the sky. They will create their rain cloud by using melting crayons and shaving cream.

**Book:** "Listening to the rain" by Bill Martin, Jr.

# — Ocean Life

**Goal:** The children will explore how Water sustains life by providing a habitat of diverse sea animals and plants.

1. **Ocean Slime:** Children will make and manipulate slime using an essential ingredient, Water. They will experience a different sensation, describing it, and playing with the sea animals making predictions.

2. **Song:** We will sing “under the sea” action song by Miss Linky. Then, the children will choose one animal sea to dance “Under the Sea” by Pinkfong and imitate its movement.

3. **Octopus cookie:** The children will make cookies measuring and mixing all the ingredients. Once the dough is ready, they will use the rolling pin, and when the dough is flat, they will use the octopus cookie cutter, ready to bake. When the cookies cool off, they will decorate them.

**Book:** Commotion in the Ocean by Giles Andreae.



# — Rivers all around!

**Goal:** The children will discover how we are surrounded by Water in NYC that creates a natural stream of Waters called a river, how we can move from one place to another on the Water, and how some things can float or sink in the Water.

**1.Riding the canoe:** The dramatic play area will be turned into building a canoe with paddles and creating flows of river pretending to ride the canoe.

**2.Song:** we will sing the “row, row, row your boat” song as the children are paddling in the canoe. We will add different lyrics to engaging them in the activity.

**3.Float and sink:** The students will explore which things float or sink through different materials. The children will learn by freely exploring the scientific process. They will form their questions, make predictions, and test out their theories.

**Book:** River by Elisha Cooper

