



The Nature of the Bronx

TEACHER RESOURCE GUIDE

WONDERFUL WATER

Lesson 1: What is water?

Pre-Kindergarten



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Wonderful Water

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Lesson Description

Water is all around us here in the Bronx! Join Bronx Children's Museum's Education Director Nicole Wallace as she shows us the different types of water and where it can be found.

Video Link: www.bronxchildrensmuseum.org/nbx-wonderful-water

Age/Grade	3-4 years old; Pre-Kindergarten
Time to complete activity	Total Time: 32-52 minutes <ul style="list-style-type: none"> • <i>Before You Watch: 10-20 minutes</i> • <i>Video Length: approx. 12 minutes</i> • <i>After You Watch: 10-20 minutes</i>
Learning Outcomes	Children will: <ul style="list-style-type: none"> • Understand that water comes in many forms and can be found in many places, including in their local environment • Compare and contrast the difference between saltwater and freshwater
Standards	P-PS1-1, P-ESS2-1
Materials	<input type="checkbox"/> Water <input type="checkbox"/> Salt <input type="checkbox"/> Two cups per child (clear cups work best) <input type="checkbox"/> Two spoons per child

Tips for Success

- Watch the film on your own before showing it to children; identify any words or images that may require additional information or explanation.
- Prepare all the materials beforehand, and don't be afraid to substitute for what you have available.
- Stop the video or replay certain moments to allow for questions or comments from the children.

Before You Watch...

Do	<ul style="list-style-type: none"> <input type="checkbox"/> Set up the classroom for the activity. You might want to add tablecloths to the workspace, or ask children to wear smocks or aprons. <input type="checkbox"/> Make sure each child has two cups and two spoons. <input type="checkbox"/> If children are participating remotely, make sure they have all the materials set up at home in advance.
Discuss	<p>Choose a few questions from the list below to ask your children. Keeping your questions open-ended will get your children speaking more and allow them to express themselves more than a simple “yes or no” question. Offer your own answer to the question as a way to model conversation!</p> <ul style="list-style-type: none"> ● <i>How do you use water everyday?</i> ● <i>Where have you seen water in your neighborhood?</i> ● <i>Where does water come from?</i>
Share	Remind children that doing the project takes time! Watch the video first, and do the project after.
Extend	Show a slideshow of different ways people use water.

After You Watch...

Do	<ul style="list-style-type: none"> <input type="checkbox"/> Pour water into both cups for each child, and allow them to add a little salt to one of the cups. <input type="checkbox"/> Ask them to look at, smell, feel, touch, and taste each type of water using one spoon for each cup. <input type="checkbox"/> Record their observations.
Discuss	<p>Select a few questions to ask children about their experiences comparing the water.</p> <ul style="list-style-type: none"> • <i>How are the two waters different? How are they the same?</i> • <i>Which water is better for drinking?</i>
Share	<p>Ask children to share their experiences with water in their lives. <i>Who has visited the beach? A river? How are those places different?</i></p>
Extend	<p>Ask children to sort picture cards from the Different Types of Water document by either freshwater or saltwater. You can do this by printing and distributing a set of cards to each child, or showing the cards during a slideshow and asking children to verbally sort them.</p>

STEAM Share!

Share your class's work with BxCM! Take pictures of your children experimenting with water or make a video of the children showing and talking about different types of water.

Upload your photos here: www.bronxchildrensmuseum.org/artwork-upload.

For more information, contact:

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