



# The Nature of the Bronx

TEACHER RESOURCE GUIDE

## WEATHER WONDERS

Lesson 1: Cloud Paintings

Kindergarten



Nature of the Bronx

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## Lesson 1: Cloud Paintings



### Lesson Description

Is it a bunny? Is it a plane? No, it's a ..... cloud! Join Bronx Children's Museum Program Manager Dejá Santiago as she shares how clouds are formed and how to create cloud paintings.

**Video Link:** [www.bronxchildrensmuseum.org/nbx-weather-wonders](http://www.bronxchildrensmuseum.org/nbx-weather-wonders)

<b>Age/Grade</b>	4-5 years old; Kindergarten
<b>Time to complete activity</b>	Total Time: 32-52 minutes <ul style="list-style-type: none"> <li>• <i>Before You Watch: 10-20 minutes</i></li> <li>• <i>Video Length: approx. 12 minutes</i></li> <li>• <i>After You Watch: 10-20 minutes</i></li> </ul>
<b>Learning Outcomes</b>	Children will: <ul style="list-style-type: none"> <li>• Make observations of local weather patterns</li> <li>• Describe the process by which a cloud is formed.</li> </ul>
<b>Standards</b>	K-ESS2-1
<b>Materials</b>	<input type="checkbox"/> Construction paper <input type="checkbox"/> White paint <input type="checkbox"/> Three found objects (a straw, a cotton ball, and wax paper work well)
<b>Vocabulary</b>	<ul style="list-style-type: none"> <li>• Precipitation: water that falls to the ground as rain or snow</li> </ul>

- Condensation: small drops of water that form on a cold surface

## 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...

<b>Do</b>	<ul style="list-style-type: none"> <li><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.</li> <li><input type="checkbox"/> Make sure each child has their own set of supplies.</li> <li><input type="checkbox"/> If children are participating remotely, make sure they have all the materials set up at home in advance.</li> </ul>
<b>Discuss</b>	<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"> <li>● <i>What types of clouds have you seen in your neighborhood?</i></li> <li>● <i>Where do clouds come from?</i></li> </ul>
<b>Share</b>	Remind children that doing the project takes time! Watch the video first, and do the project after.
<b>Extend</b>	Take a neighborhood walk to observe clouds. Take photos of interesting shaped clouds you see.

## After You Watch...

<b>Do</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Distribute paper and paint to each child.</li> <li><input type="checkbox"/> Have children squeeze out a little white paint onto their papers.</li> <li><input type="checkbox"/> Encourage them to move the paint around on their paper by using different objects.</li> <li><input type="checkbox"/> Add more paint and use different objects as needed.</li> </ul>
<b>Discuss</b>	<p>Select a few questions to ask children about their experiences creating their cloud paintings.</p> <ul style="list-style-type: none"> <li>• <i>How are clouds outside formed? How did you form your cloud here?</i></li> <li>• <i>What shape is your cloud? What does it look like?</i></li> <li>• <i>What story does your cloud painting tell?</i></li> </ul>
<b>Share</b>	<ul style="list-style-type: none"> <li>• Ask children to explain the process of creating their paintings in sequential order: “First I did this...then I did this...”</li> <li>• Ask children to share their dioramas with others (via live meet-ups, Google classroom, FlipGrid, etc.). Encourage each child to give comments on one thing they liked or would like to see more of.</li> </ul>
<b>Extend</b>	<p>Lead the children in a cloud movement activity by watching <a href="#">this video</a> from 92Y.</p>

## STEAM Share!

Share your class' work with BxCM! Take a picture of your cloud paintings or make a video of the children showing and talking about their work.

Upload your photos here: [www.bronxchildrensmuseum.org/artwork-upload](http://www.bronxchildrensmuseum.org/artwork-upload).

## For more information, contact:

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Funding for Nature of the Bronx was provided in part by Con Edison, Rose M. Badgeley Charitable Trust, The Seth Sprague Educational and Charitable Foundation, and TD Bank Foundation.