



Library & Listening: Researching Ways to Conserve Water

Children research ways to save water using different resources.

<p>Big Ideas</p>	<p>People, other animals and plants depend on and impact the environment. As caretakers of the earth, people can create and participate in sustainable systems to use natural resources wisely.</p>
<p>Guiding Questions</p>	<p>In what ways do people, animals and plants depend on and impact the environment? What are sustainable systems, and how do people make responsible decisions for our earth?</p>
<p>Vocabulary</p>	<p>conserve: to keep safe and avoid waste</p>
<p>Materials and Preparation</p>	<ul style="list-style-type: none"> ● research sheets, from Week 2 ● children’s research sheets ● <i>Our Earth: Saving Water</i>, text and slides ● Massachusetts water resources brochure Or replace with a local resource. ● saving water images and videos ● books about recycling ● Ipad or laptop ● sticky notes ● clipboards ● writing utensils <p>As with other research children have been engaged in, gather books and images you have collected about saving water. Set out clipboards with paper, sticky notes, and writing utensils. Set up a laptop or ipad with a folder with images children can look through and tag.</p>

<p>Intro to Centers</p>	<p><i>Last week in Library & Listening you researched recycling. Here is what you recorded in your research sheets.</i></p> <p>Show and read few sample of children’s work <i>What do you notice?</i></p> <p>Invite a few children to share their observations.</p> <p><i>This week you are going to research ways to conserve, to keep safe and not waste water. We are reading Our Earth: Saving Water and learning about how to not waste water. Here are some images/videos to get more ideas.</i></p> <p>Choose what to share with children <i>What do you notice?</i></p> <p>Think, Pair, Share.</p> <p><i>Look through the materials to see what you can find out about ways to conserve water. When you find something interesting you can record it in your research notes sheet. Remember that this sheet has space for lots of things you are going to research during this unit, for today you can just use the part about recycling.</i></p> <p>Show the sheet <i>What do you want to learn about conserving water?</i></p> <p>Invite a couple of responses <i>I am curious to see what you find out. Make sure to work together, share ideas and help each other by recording information in your research notes.</i></p>
<p>During Centers</p>	<p>As children look through books/images/videos, support them to think about what they are interested in learning about. Encourage children to collaborate and talk with each other about what they are learning and how they are recording it on the research note sheet.</p>
<p>Facilitation</p>	<p>Which images/texts/videos inspire you or give you ideas? Why is this one inspiring?</p> <p>How can these images/texts/videos help you and other children find out more about ways to conserve water?</p> <p>What can you do to conserve water?</p> <p>How are you going to record it in your research note sheet?</p> <p>What do you want to learn more about saving water?</p>
<p>Standards</p>	<p>R.4.K Ask and answer questions with prompting and support about who, what, when, where and how.</p> <p>R.5.K.a Retell familiar texts with prompting and support, including details about who, what, when , where and how.</p>

R.5.K.b Retell key details of text with prompting and support, including the main topic.

K-ESS3-3. Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

Further explanation: Examples of human impact on land could include cutting trees to produce paper and using resources to produce bottles.

Examples of solutions could include reusing paper and recycling cans and bottles. Examples could also include what we can do to clean public areas

(e.g. beaches, parks, lakes, trails, etc.). Obtaining, Evaluating, and Communicating Information, Developing Possible Solutions, Human

Impacts on Earth Systems, Cause and Effect

Notes