

**Objective**

To find out what the properties of sand are and where is sand located (shore)

**Preschool Standards**

- Standard 2: Engage in scientific inquiry-*questions, observations, tools, documentation*
  - Standard 3: Explore physical properties of the world-*comparison*
    - Standard 5: Learn about earth and sky-*properties of sand*

# of children	Materials
5	<ul style="list-style-type: none"> <li>• Book on shores/shorelines</li> <li>• Prediction chart</li> <li>• Sand from 2 different areas for comparison</li> <li>• White paper, magnets, magnifying glass</li> <li>• Enlarged photo of sand</li> </ul>

**Description of Activity**

Children will be introduced to the area of where sand is located (shore/shoreline) through books. I will show children 2 different sands on white paper and the children will look through the magnifying glass. I will record their answers on a chart. If time permits we will use magnets to see if all grains are rock only or if there are any minerals in the sand.

CREDE Standards	
CREDE Standard	How will it be used
<b>JPA</b> Joint Productive Activity	Children will have jobs passing out tools. Will create a prediction chart. Observations recorded on a chart.
<b>LLD</b> Language & Literacy Development	Children will learn shore/shoreline, magnifying glass, magnet, rock particles, minerals, fine/medium/coarse grain (depending on the sand used)

<p><b>CTX</b> Contextualization</p>	<p>I will relate to when they go to the beach and how the sand feels. What does the sand remind you of?</p>
<p><b>COT</b> Complex Thinking</p>	<p>Where does sand come from? Why is there sand near the ocean and not dirt? How does the sand get from the big rock to small rocks? What makes sand? Why does the sand stick to the magnet?</p>
<p><b>IC</b> Instructional Conversation</p>	<p>This will come with the teacher asking questions and children providing answers or guesses. Instruction will come with the teacher providing directions to the activity. Teacher will support children's answers with more questions and answers.</p>
<p><b>MOD</b> Modeling</p>	<p>How to use tools and expectations for the activity</p>
<p><b>CDA</b> Child Directed Activity</p>	<p>N/A</p>