

# Unit 7: Water and Earth's Surfaces Processes

## Lesson Plan

<b>Disciplinary Core Areas</b>	The Role of Water in Earth's Surface Processes
<b>NGSS:</b>	<ul style="list-style-type: none"><li>• <i>MS-ESS2-1</i> Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.</li><li>• <i>MS-ESS2-4</i> Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.</li></ul>
<b>Lesson Title</b>	Saltwater and Freshwater
<b>Lesson Number</b>	7-3
<b>Learning objectives:</b>	<ul style="list-style-type: none"><li>• Differentiate saltwater and freshwater.</li><li>• Describe the water distribution on Earth's surface.</li><li>• Describe the Earth's water resources available for humans to use.</li></ul>
<b>"I can" statements:</b>	<ul style="list-style-type: none"><li>• I can differentiate saltwater and freshwater.</li><li>• I can describe the water distribution on Earth surface as well as the Earth's water resources available for humans to use.</li></ul>
<b>Prior Knowledge:</b> Earth's Systems, Hydrosphere, Phase Changes, Hydrologic Cycle	
<b>Vocabulary:</b> Brackish Water, Estuary, Freshwater, Glaciers, Ice Caps, Reservoirs, Salinity, Saltwater, Wetlands	
<b>Summary of Activities:</b> <ol style="list-style-type: none"><li>1. Distribute and complete bell ringer activity.</li><li>2. Discuss guided notes and slideshow, with students.</li><li>3. Exit quiz</li><li>4. Do laboratory activity with students.</li></ol>	
<b>Additional Resources:</b> <ul style="list-style-type: none"><li>• See online activities</li></ul>	
<b>Homework:</b> <ul style="list-style-type: none"><li>• Assignment</li></ul>	
<b>Assessment:</b> <ul style="list-style-type: none"><li>• Bell work</li><li>• Assignment</li><li>• Exit quiz</li><li>• End of unit review</li></ul>	