

<b>Lesson Topic</b>	<b>Lesson Summary</b>	<b>Literacy Objectives</b>
<b>Lesson 1</b>	Inquiry nature walk	<ul style="list-style-type: none"> <li>- Water is a unique resource and is found in many forms on Earth (fresh water, salt water, environmental concerns)</li> </ul>
<b>Lesson 2</b>	Hydrologic cycle 1	<ul style="list-style-type: none"> <li>- Water is a unique resource and is found in many forms on Earth (fresh water, salt water, environmental concerns)</li> <li>- The hydrologic cycle is driven by the transfer of energy within the atmosphere and hydrosphere</li> <li>- Fresh water: 3% of Earth's water</li> </ul>
<b>Lesson 3</b>	Hydrologic cycle 2	<ul style="list-style-type: none"> <li>- Water is a unique resource and is found in many forms on Earth (fresh water, salt water, environmental concerns)</li> <li>- The hydrologic cycle is driven by the transfer of energy within the atmosphere and hydrosphere</li> <li>- Salt water: 97% of Earth's water</li> </ul>
<b>Lesson 4</b>	Ocean currents 1	<ul style="list-style-type: none"> <li>- Ocean currents are dependent on salinity, temperature, and density</li> <li>- Ocean floor: continental margins, abyssal plain, trench, seamounts</li> <li>- Local: On-shore breeze, temperature moderation</li> </ul>
<b>Lesson 5</b>	Ocean currents 2	<ul style="list-style-type: none"> <li>- Ocean currents are dependent on salinity, temperature, and density</li> <li>- Ocean currents: both local and global ocean currents (e.g. Gulf Stream)</li> <li>- Global: Oceans are one of the largest carbon sinks; albedo effect</li> </ul>
<b>Lesson 6</b>	Oceans and lakes influence local and global climates 1	<ul style="list-style-type: none"> <li>- Oceans and lakes influence local and global climates</li> </ul>
<b>Lesson 7</b>	Oceans and lakes influence local and global climates 2	<ul style="list-style-type: none"> <li>- Oceans and lakes influence local and global climates</li> </ul>
<b>Lesson 8</b>	Ocean and lakes inquiry lab	<ul style="list-style-type: none"> <li>- Oceans currents are dependent on salinity, temperature, and density</li> <li>- Oceans and lakes influence local and global climates</li> </ul>
<b>Lesson 9</b>	El Nino and La Nina	<ul style="list-style-type: none"> <li>- Ocean currents are dependent on salinity, temperature, and density</li> <li>- Water sources are affected by climate change</li> </ul>
<b>Lesson 10</b>	El Nino and La Nina	<ul style="list-style-type: none"> <li>- Ocean currents are dependent on salinity, temperature, and density</li> <li>- Water sources are affected by climate change: ocean acidification, changes to ocean currents, loss of glaciers, rising sea levels</li> </ul>
<b>Lesson 11</b>	Water sources are affected by climate change 1	<ul style="list-style-type: none"> <li>- Water sources are affected by climate change: ocean acidification, changes to ocean currents, loss of glaciers, rising sea levels</li> </ul>
<b>Lesson 12</b>	Water sources are affected by climate change 2	<ul style="list-style-type: none"> <li>- Water sources are affected by climate change: ocean acidification, changes to ocean currents, loss of glaciers, rising sea levels</li> </ul>
<b>Lesson 13</b>	Bamfield field trip	<ul style="list-style-type: none"> <li>- See attached field trip form</li> </ul>
<b>Lesson 14</b>	Bamfield field trip	<ul style="list-style-type: none"> <li>- See attached field trip form</li> </ul>
<b>Lesson 15</b>	Bamfield field trip	<ul style="list-style-type: none"> <li>- See attached field trip form</li> </ul>