

<b>Grade:</b> Kindergarten <b>Subject:</b> Science	<b>Unit of Study: The Five Senses</b>
<b>Big Idea/Rationale</b>	<p>All people, but especially young children engage in a constant process of gathering new information about the world around them through their senses. Students should learn the process through which they gain information from each of the senses, and how their brains work to make sense of this information.</p> <p>In this unit, students will explore each of the five senses, sight, hearing touch, taste and smell and will explore their ability to determine important information about the world around them through each. In doing so, they will gain an appreciation both for their own complex sensory systems and for the amazing world around them.</p>
<b>Enduring Understanding (Mastery Objective)</b>	<ul style="list-style-type: none"> <li>• The five senses are important for observation</li> <li>• Each sensory organ provides different information</li> <li>• Multiple senses can be used to gather more complete information for communication and exploration of the environment and each other.</li> </ul>
<b>Essential Questions (Instructional Objective)</b>	<ul style="list-style-type: none"> <li>• What are our senses?</li> <li>• What information does each sense provide?</li> <li>• Can you use more than one sense to gather information?</li> <li>• Close your eyes, what do you hear/smell/feel?</li> <li>• With using only your sense of _____,</li> <li>• Can you tell what something is?</li> <li>• How do people use their senses to communicate and gather information?</li> </ul>
<b>Content (Subject Matter)</b>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• Name the five senses</li> <li>• Explain the purpose of the five senses describe their functions</li> <li>• Read and discuss <u>See, Hear, Touch, Taste, Smell</u></li> <li>• Sort and classify objects based on sensory information</li> <li>• Prepare a variety of objects for groups to sort according to color. The objects should be different colors.</li> <li>• Put several drips from different extras onto separate cotton balls. Then place each cotton ball onto separate cotton balls. Then place each cotton ball into a separate scent container and secure the lid. The children explore the different scents</li> <li>• Fill jars with different objects (pennies, paper clips, buttons, rice and beans), while the children listen for the sound and try to identify the object that made the sound</li> <li>• Use your sense of taste to sort various fruits and vegetables.</li> <li>• Use multiple senses to gather more complete information</li> <li>• Prepare a variety of objects for groups to sort according to color and texture. The objects should be different sizes, shapes, colors, textures.</li> </ul>

	<ul style="list-style-type: none"> <li>• Communicate using the five senses</li> <li>• Students will have many opportunities to practice early literacy skills as they work to communicate their observations using their senses.</li> <li>• Vocabulary: sour, soft, smooth, sight, eyes, touch, hands, smell, nose, salty, scent, sound, bitter, mouth, tongue, sweet, loud, rough, hard, feel, odor, texture</li> </ul>
<b>Skills/ Benchmarks (CCSS Standards)</b>	<ul style="list-style-type: none"> <li>• 5.1.P.A.1 Display curiosity about science objects, materials, activities, and longer-term investigations in progress.</li> <li>• 5.2.2.A.1 Sort and describe objects based on the materials of which they are made and their physical properties.</li> <li>• 5.1.4.A.3 Use scientific facts, measurements, observations, and patterns in nature to build and critique scientific arguments.</li> <li>• 5.1.P.D.1 Represent observations and work through drawing, recording data, and “writing.”</li> <li>• 5.2.P.C.1 Investigate sound, heat, and light energy (e.g., the pitch and volume of sound made by commercially made and homemade instruments, looking for shadows on the playground over time and under different weather conditions) through one or more of the senses.</li> </ul>
<b>Materials and Resources</b>	<ul style="list-style-type: none"> <li>• Technology: <ul style="list-style-type: none"> <li>○ <a href="http://tqjunior.thinkquest.org/3750">http://tqjunior.thinkquest.org/3750</a></li> <li>○ <a href="http://faculty.washington.edu/chudler/chsense.html">http://faculty.washington.edu/chudler/chsense.html</a></li> </ul> </li> <li>• Cross Curricular Links/Integration – Students will have many opportunities to practice early literacy skills as they communicate their observations to others; Math- classification, sorting; Reading</li> <li>• Schoenly School Library Resources: <ul style="list-style-type: none"> <li>○ My Five Senses (Aliko, Code: 612 Ali)</li> <li>○ Touch (Mandy Suhr, Code: 612.88 Suh)</li> <li>○ Taste (Mandy Suhr, Code: 612.87 Suh)</li> <li>○ Hearing (Mandy Suhr, Code: 612.85 Suh)</li> <li>○ Sight (Mandy Suhr, Code: 612.84 Suh)</li> <li>○ Smelling (Kathie Billingslea Smith and Victoria Crenson, Code: 612.86 Bil)</li> <li>○ Seeing (Kathie Billingslea Smith and Victoria Crenson, Code: 612.8 Bil)</li> <li>○ Follow Your Nose (Paul Showers, Code: 612 Sho)</li> <li>○ Your Skin and Mine (Paul Showers, Code: 612 Sho)</li> </ul> </li> </ul>
<b>Notes</b>	