

## Kindergarten State Performance Standards

<b>Physical Science</b>	
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<b>Standard</b>	<b>KGBSD Student Objectives</b>
<p><b>Standard A</b> A student should understand scientific facts, concepts, principles, and theories.</p> <p><b>Standard B</b> A student should possess and understand the skills of scientific inquiry.</p>	

	<p><b>K - A.1</b> A student should understand models describing the nature of living things.</p> <p>A student in kindergarten should be able to:</p> <ul style="list-style-type: none"> <li>- tell that matter is the name we give to all things in our physical world.</li> <li>- show that objects of matter are made up of smaller components (wood to sawdust).</li> <li>- observe that most objects are made of parts.</li> <li>- observe that most objects are part of a whole.</li> <li>- demonstrate that objects can be sorted according to their properties.</li> <li>- observe that objects have more than one property.</li> <li>- tell how that many of the toys that children play with are like real things in some ways.</li> <li>- understand that careful observation relates to scientific inquiry.</li> </ul> <p><b>K - A.2</b> A student should understand constancy and change. (Changes and Interactions of Matter);</p> <p>A student in kindergarten should be able to:</p> <ul style="list-style-type: none"> <li>- observe and describe properties of matter.</li> <li>- observe that things change in some ways and stay the same in some ways (ex.: ice to water to steam).</li> <li>- observe that objects have many characteristics.</li> </ul> <p><b>K - B.3</b> A student should understand that scientific inquiry often involves different ways of thinking, curiosity, and the exploration of multiple paths.</p> <p>A student in kindergarten should be able to:</p> <ul style="list-style-type: none"> <li>- observe and describe how materials respond to different treatments (such as mixing, heating, freezing, cutting, wetting, dissolving, bending, exposing to light, etc.).</li> </ul>
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