

## Fourth Grade State Performance Standards

<b>A-1 Science as Inquiry and Process</b>	<p><b>SA</b> Students develop an understanding of the processes and applications of scientific inquiry.</p> <p><b>SA1</b> Students develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments.</p> <p><b>SA2</b> Students develop an understanding that the processes of science require integrity, logical reasoning, skepticism, openness, communication, and peer review.</p> <p><b>SA3</b> Students develop an understanding that culture, local knowledge, history, and interaction with the environment contribute to the development of scientific knowledge, and local applications provide opportunity for understanding scientific concepts and global issues.</p>
---	---

<b>Grade Level Expectations</b>	<b>KGBSD Student Objectives</b>
---------------------------------	---------------------------------

<p><b>The student develops an understanding of the processes of science by:</b></p> <p>[4] SA1.1 asking questions, predicting, observing, describing, measuring, classifying, making generalizations, inferring and communicating. *</p> <p>[4] SA1.2 observing, measuring and collecting data from explorations and using this information to classify, predict, and communicate.</p> <p><b>The student demonstrates an understanding of the attitudes and approaches to scientific inquiry by:</b></p> <p>[4] SA2.1 supporting their ideas with observations and peer review. (L)</p> <p><b>The student demonstrates an understanding that interactions with the environment provide an opportunity for understanding scientific concepts by:</b></p> <p>[4] SA3.1 identifying the local limiting factors (e.g., weather, human influence, species interactions) that determine which plants and/or animals survive. (L)</p> <p>* same concept at a higher level</p>	<p>K - SA1.1 asking questions, predicting, observing, describing, measuring, classifying, making generalizations, inferring and communicating. *</p> <p>K - SA1.2 observing, measuring and collecting data from explorations and using this information to classify, predict, and communicate.</p> <p>K - SA2.1 supporting their ideas with observations and peer review. (L)</p> <p>K - SA3.1 identifying the local limiting factors (e.g., weather, human influence, species interactions) that determine which plants and/or animals survive. (L) (referenced in fourth grade social studies).</p> <p>K – SA3.2 understanding the interdependent traits of life forms and their environments.</p> <p>K – SA3.3 understanding that the living environment consists of populations and communities.</p>
--	--