

### Third Grade State Performance Standards

<b>C1 – Concepts of Life Science</b>	<p><b>SC</b> Students develop an understanding of the concepts, models, theories, facts, evidence, systems, and processes of life science.</p> <p><b>SC1</b> Students develop an understanding of how science explains changes in life forms over time, including genetics, heredity, and the process of natural selection. (evolution)</p> <p><b>SC2</b> Students develop an understanding of the structure, function, behavior, development, life cycles, and diversity of living organisms.</p> <p><b>SC3</b> Students develop an understanding that all organisms are linked to each other and their physical environments through the transfer and transformation of matter and energy.</p>
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<b>Grade Level Expectations</b>	<b>KGBSD Student Objectives</b>
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<p><b>The student demonstrates an understanding of how science explains changes in life forms over time, including genetics, heredity, and the process of natural selection by:</b></p> <p>{3} SC1.1 sorting Alaskan plants and/or animals using physical characteristics (e.g., leaves, beaks) (L)</p> <p>{3} SC1.2 describing how some traits (e.g., claws, teeth, camouflage) of living organisms have helped them survive as a species.</p> <p><b>The student demonstrates an understanding of the structure, function, behavior, development, life cycles, and diversity of living organisms by:</b></p> <p>{3} SC2.1 sorting animals and plants into groups based on appearance and behaviors.</p> <p>{3} SC2.2 observing and comparing external features of plants and of animals that may help them grow, survive, and reproduce.</p>	<p>K - SC1.1 sorting Alaskan plants and/or animals using physical characteristics (e.g., leaves, beaks). (L)</p> <p>K - SC1.2 describing how some traits (e.g., claws, teeth, camouflage) of living organisms have helped them survive as a species.</p> <p>K – SC1.3 understanding the interdependent traits of life forms and their environments.</p> <p>K – SC1.4 understanding that the living environment consists of individuals, populations, and communities. (e.g., communities, soc. st.)</p> <p>K - SC2.1 sorting animals and plants into groups based on appearance and behaviors.</p> <p>K - SC2.2 observing and comparing external features of plants and of animals that may help them grow, survive, and reproduce.</p> <p>K – SC2.3 observing that plants grow, reproduce, die, and decompose. (e.g., life cycles)</p> <p>K – SC2.4 identifying seed and plant structure and functions.</p>
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Grade Level Expectations	KGBSD Student Objectives
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<p><b>The student demonstrates an understanding that all organisms are linked to each other and their physical environments through the transfer and transformation of matter and energy by:</b></p> <p>{3} SC3.1 identifying and sorting examples of living and non-living things in the local environment. (L)</p> <p>{3} SC3.2 organizing a simple food chain of familiar plants and animals. (I)</p>	<p>K - SC3.1 identifying and sorting examples of living and non-living things in the local environment. (L)</p> <p>K - SC3.2 organizing a simple food chain of familiar plants and animals. (I)</p> <p>K – SC3.3 understanding that the living environment consists of individuals, populations, and communities. (e.g., communities, social studies)</p>
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