

Nebraska Science Standards – 5 <sup>th</sup> Grade	2 <sup>nd</sup> - 3 <sup>rd</sup> Grade				3 <sup>rd</sup> - 4 <sup>th</sup> Grade				4 <sup>th</sup> - 5 <sup>th</sup> Grade			
	Soil Habitats	Shoreline Science	Designing Mixtures	Gravity & Magnetism	Light Energy	Weather & Water	Variation and Adaptation	Digestion & Body Systems	Planets & Moons	Aquatic Ecosystems	Models of Matter	Chemical Changes
<p><b>5.2 SCIENCE AS INQUIRY</b>  <b>Science as inquiry requires students to combine processes and scientific knowledge with scientific reasoning and critical thinking to develop their understanding of science.</b></p>												
5.2.1 By the end of fifth grade, student will develop the abilities needed to do scientific inquiry.	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
<p><b>5.3 PHYSICAL SCIENCE</b>  <b>Physical science focuses on science facts, concepts, principles, theories, and models that are important for all students to know, understand, and use.</b></p>												
5.3.2 By the end of fifth grade, students will develop an understanding of motion and forces.				●					●			
<p><b>5.4 LIFE SCIENCE</b>  <b>Life science focuses on science facts, concepts, principles, theories, and models that are important for all students to know, understand, and use.</b></p>												
5.4.1 By the end of fifth grade, students will develop an understanding of the structure and function in living							●	● ● ●				

- ● ● = Addressed completely with explicit instruction and repeated learning opportunities.
- ● = Addressed partially with explicit instruction and some learning opportunities.
- = Touched upon, with a few learning opportunities and/or instruction may be expanded to more fully address this standard.

Nebraska Science Standards – 5<sup>th</sup> Grade

Nebraska Science Standards – 5 <sup>th</sup> Grade	2 <sup>nd</sup> - 3 <sup>rd</sup> Grade				3 <sup>rd</sup> - 4 <sup>th</sup> Grade				4 <sup>th</sup> - 5 <sup>th</sup> Grade			
	Soil Habitats	Shoreline Science	Designing Mixtures	Gravity & Magnetism	Light Energy	Weather & Water	Variation and Adaptation	Digestion & Body Systems	Planets & Moons	Aquatic Ecosystems	Models of Matter	Chemical Changes
systems.												
<p><b>5.5 EARTH AND SPACE SCIENCE</b>  <b>Earth and space science focuses on science facts, concepts, principles, theories, and models that are important for all students to know, understand, and use.</b></p>												
5.5.1 By the end of fourth grade, students will develop an understanding of the structure of the earth.												

- ● ● = Addressed completely with explicit instruction and repeated learning opportunities.
- ● = Addressed partially with explicit instruction and some learning opportunities.
- = Touched upon, with a few learning opportunities and/or instruction may be expanded to more fully address this standard.