



East Carter Co. R-II School District
Course Scope and Sequence

Course: 5th Grade Science

# OF DAYS	TOPICS
31 ½	Unit 1: Investigate Matter Module 1: Matter Essential Questions: What are the properties of matter? What happens when different materials are mixed together? How does matter change when it interacts with other matter? What are the differences between solids, liquids, & gasses?
46	Unit 2: Ecosystems Module 1: Matter in Ecosystems Essential Questions: What do plants need to survive? What happens when different materials are mixed together? What is the role of decomposers in an ecosystem? Module 2: Energy in Ecosystems Essential Questions: What are Earth's major systems? How does matter cycle in ecosystems? How is energy transferred in ecosystems?
46	Unit 3: Earth's Interactive Systems Module 1: Earth's Water Systems Essential Questions: What types of water features are on Earth's surface? How do humans impact Earth's water? How does the hydrosphere interact with Earth's other systems? Module 2: Earth's Other Systems Essential Questions: How does the geosphere interact with other systems? How does the atmosphere interact with other systems? How does the biosphere interact with other systems?

32	<p>Unit 4: Earth and Space Patterns</p> <p>Module 1: Earth's Patterns and Movement</p> <p>Essential Questions: What pulls objects down? How does Earth move through space?</p> <p>Module 2: Earth & Space</p> <p>Essential Questions: Where is Earth located in space? What causes some stars to be brighter than others?</p>
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Course Description

In this course, students will be taught the Missouri Learning Standards for Science along with fostering a love of investigating and exploration of the phenomenon contained in the world around us. The standards will be taught through 4 units that address standards in each of the 4 science areas. . Everyday students will be exposed to informational text, analyzing, and responding to texts, and inquiry based thinking and activities. Students will also be exposed to the research and scientific methods in this course.