

**Science Curriculum
Morris County USD #417
Grade 4**

Indicator	Description	Date(s)			
4KS1.1.1	Ask questions that can be answered by investigating.				
4KS1.1.2	Plan and conduct a simple investigation.				
4KS1.1.3	Employ appropriate tools to gather data.				
4KS1.1.4	Communicate, critique, analyze, and interpret investigations.				
4KS2.1.1	Observe/measure properties using appropriate tools.				
4KS2.1.2	Classify objects by their properties.				
4KS2.1.3	Describe objects by more than one property.				
4KS2.1.4	Describe objects by two unique properties.				
4KS2.1.5	Recognize the difference between solids and liquids.				
4KS2.2.1	Move objects by pushing and pulling, throwing, spinning, etc.				
4KS2.2.2	Demonstrate location of objects.				
4KS2.3.1	Discriminate between sounds made by different objects.				
4JS2.3.1	Describe how sound travels.				
4KS2.4.1	Construct a simple circuit.				
4KS2.4.2	Experiment to learn which objects are attracted to magnets.				
4KS3.1.1	Compare/contrast structural characteristics/functions of organisms.				
4KS3.1.2	Compare basic needs of different organisms in their environment.				
4KS3.1.3	Identify ways organisms use their senses.				
4KS3.2.1	Identify life cycles of various organisms.				
4KS3.2.2	Compare/contrast life cycles of various organisms.				
4KS4.1.1	Observe different materials in their environment.				
4KS4.1.2	Collect/observe properties in various soils.				
4KS4.1.3	Experiment with a variety of soils.				
4KS4.1.4	Describe properties of different kinds of rocks.				
4KS4.1.5	Observe fossils/discuss the evidence of past plants/animals.				
4KS4.2.1	Observe the moon and stars.				
4KS4.2.2	Observe/compare the length of shadows.				
4KS4.2.3	The sun provides light and heat for the Earth.				
4KS4.3.1	Describe changes in the surface of the Earth.				
4KS4.3.2	Observe/describe/record daily and seasonal weather changes.				
4KS5.1.1	Identify a problem, choose a strategy, implement, and check.				
4KS5.2.1	Science as a way of investigating questions about the world.				
4KS5.2.2	Invent a product or solve a problem.				
4KS5.2.3	Work together to solve a problem.				
4KS5.2.4	People who engage in scientific/technological work.				
4KS5.2.5	Scientists use tools to make observations.				
4KS5.3.1	Compare/contrast/sort man-made vs. natural objects.				
4KS5.3.2	Use appropriate tools when observing man-made/natural objects.				
4KS5.3.3	Ask questions about natural or man-made objects.				
4KS6.1.1	Safety involves freedom from danger, risk, or injury.				

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4KS6.1.2	Responsibility for his/her own health.				
4KS6.1.3	Foods contributing to health.				
4KS6.2.1	Define pollution.				
4KS6.2.2	Develop personal actions to solve playground pollution.				
4KS6.2.3	Practice reducing, reusing, and recycling.				
4KS7.1.1	Recognize that students do science.				
4KS7.1.2	Historical people of science who have made contributions.				