



Deer Flat National Wildlife Refuge

Standards Correlation with Field Trip Stations

<i>Bird Analysis</i>	<i>Lakeshore Investigation</i>	<i>Bug Examination</i>	<i>Discovery Lab</i>
<p>Standards:</p> <p><u>Grade 4:</u></p> <p>4.S.1.6.3 Use appropriate tools and techniques to gather and display data. (589.01.c)</p> <p>4.S.3.1.1 Analyze and communicate the adaptations of plants and animals to their environment. (592.01.a)</p> <p>4.S.5.2.1 Identify tools used for space exploration and for scientific investigations. (595.01.b)</p> <p><u>Grade 5:</u></p> <p>5.S.1.2.1 Use observations and data as evidence on which to base scientific explanations and predictions. (603.02.a)</p> <p>5.S.1.6.3 Select and use appropriate tools and techniques to gather and display data. (604.01.c)</p> <p>5.S.1.6.4 Use evidence to analyze descriptions, explanations, predictions, and models. (604.01.d)</p> <p><u>Grade 6:</u></p> <p>6.S.1.2.1 Explain how observations and data are used as evidence on which to base scientific explanations and predictions. (618.02.a)</p> <p>6.S.1.6.3 Select and use appropriate tools and techniques to gather and display data. (619.02.c)</p> <p>6.S.1.6.4 Use evidence to analyze data in order to develop descriptions, explanations, predictions, and models. (619.2.d)</p>	<p>Standards:</p> <p><u>Grade 4:</u></p> <p>4.S.1.6.3 Use appropriate tools and techniques to gather and display data. (589.01.c)</p> <p>4.S.1.6.5 Make predictions based on data. (589.01.e)</p> <p>4.S.3.1.2 Describe the difference between vertebrate and invertebrate animals. (592.01.c)</p> <p>4.S.5.2.1 Identify tools used for space exploration and for scientific investigations. (595.01.b)</p> <p><u>Grade 5:</u></p> <p>5.S.1.2.1 Use observations and data as evidence on which to base scientific explanations and predictions. (603.02.a)</p> <p>5.S.1.6.3 Select and use appropriate tools and techniques to gather and display data. (604.01.c)</p> <p>5.S.1.6.4 Use evidence to analyze descriptions, explanations, predictions, and models. (604.01.d)</p> <p><u>Grade 6:</u></p> <p>6.S.1.2.1 Explain how observations and data are used as evidence on which to base scientific explanations and predictions. (618.02.a)</p> <p>6.S.1.6.3 Select and use appropriate tools and techniques to gather and display data. (619.02.c)</p> <p>6.S.1.6.4 Use evidence to analyze data in order to develop descriptions, explanations, predictions, and models. (619.2.d)</p>	<p>Standards:</p> <p><u>Grade 4:</u></p> <p>4.S.1.2.1 Make and record observations then analyze and communicate the collected data. (588.02.a)</p> <p>4.S.1.6.3 Use appropriate tools and techniques to gather and display data. (589.01.c)</p> <p>4.S.3.1.2 Describe the difference between vertebrate and invertebrate animals. (592.01.c)</p> <p>4.S.5.2.1 Identify tools used for space exploration and for scientific investigations. (595.01.b)</p> <p>4.M.5.2.1 Collect, organize, and display data in tables and charts to answer a question. (302.02.a)</p> <p><u>Grade 5:</u></p> <p>5.S.1.2.1 Use observations and data as evidence on which to base scientific explanations and predictions. (603.02.a)</p> <p>5.S.1.6.3 Select and use appropriate tools and techniques to gather and display data. (604.01.c)</p> <p>5.S.1.6.4 Use evidence to analyze descriptions, explanations, predictions, and models. (604.01.d)</p> <p><u>Grade 6:</u></p> <p>6.S.1.2.1 Explain how observations and data are used as evidence on which to base scientific explanations and predictions. (618.02.a)</p> <p>6.S.1.6.3 Select and use appropriate tools and techniques to gather and display data. (619.02.c)</p> <p>6.S.1.6.4 Use evidence to analyze data in order to develop descriptions, explanations, predictions, and models. (619.2.d)</p>	<p>Standards:</p> <p><u>Grade 4:</u></p> <p>4.S.1.6.3 Use appropriate tools and techniques to gather and display data. (589.01.c)</p> <p>4.S.1.6.5 Make predictions based on data. (589.01.e)</p> <p>4.S.3.1.2 Describe the difference between vertebrate and invertebrate animals. (592.01.c)</p> <p>4.S.5.2.1 Identify tools used for space exploration and for scientific investigations. (595.01.b)</p> <p><u>Grade 5:</u></p> <p>5.S.1.2.1 Use observations and data as evidence on which to base scientific explanations and predictions. (603.02.a)</p> <p>5.S.1.6.3 Select and use appropriate tools and techniques to gather and display data. (604.01.c)</p> <p>5.S.1.6.4 Use evidence to analyze descriptions, explanations, predictions, and models. (604.01.d)</p> <p><u>Grade 6:</u></p> <p>6.S.1.2.1 Explain how observations and data are used as evidence on which to base scientific explanations and predictions. (618.02.a)</p> <p>6.S.1.6.3 Select and use appropriate tools and techniques to gather and display data. (619.02.c)</p> <p>6.S.1.6.4 Use evidence to analyze data in order to develop descriptions, explanations, predictions, and models. (619.2.d)</p>

<p>Booklet</p> <p>Additional Cross-Curricular Standards:</p> <p><u>Grade 4:</u> 4.LA.1.2.3 Identify and use graphic features that support text meaning (e.g., diagrams, maps, charts, illustrations). 4.LA.1.8.3 Use words and concepts necessary for comprehending math, science, social studies, literature and other Grade 4 content area text. 4.M.5.5.1 Make predictions based on data. (298.01.c)</p> <p><u>Grade 5:</u> 5.LA.1.2.3 Use the features of texts, such as formats, graphics diagrams, illustrations, charts, maps, and organization to find information and support understanding. (716.05.b; 716.05.c) 5.LA.1.8.3 Use words and concepts necessary for comprehending math, science, social studies, literature and other Grade 5 content area text. 5.M.5.5.1 Make predictions and decisions based on data. (308.01.c)</p> <p><u>Grade 6:</u> 6.LA.1.2.3 Identify graphic sources of information (e.g., maps, graphs, illustrations, diagrams, timelines, or tables) to address research questions. (725.05.c) 6.LA.1.8.3 Use words and concepts necessary for comprehending math, science, social studies, literature and other Grade 6 content area text. 6.M.5.5.1 Make predictions based on data. (318.01.c)</p>	<p>Pre-Field Trip Lesson Plans</p> <p>Additional Cross-Curricular Standards:</p> <p><u>Grade 4:</u> 4.S.1.2.1 Make and record observations then analyze and communicate the collected data. (588.02.a)</p> <p><u>Grade 5:</u> 5.S.1.2.1 Use observations and data as evidence on which to base scientific explanations and predictions. (603.02.a)</p> <p><u>Grade 6:</u> 6.S.1.2.1 Explain how observations and data are used as evidence on which to base scientific explanations and predictions. (618.02.a)</p>	<p>Post-Field Trip Lesson Plans</p> <p>Additional Cross-Curricular Standards:</p> <p><u>Grade 4:</u> 4.LA.3.2.1 Use ideas generated and organized in prewriting to write a draft that includes a main idea and details. (708.01; 708.02.b) 4.LA.4.1.2 Write a variety of expressive works that include sensory details and precise word choices. (708.03.a)</p> <p><u>Grade 5:</u> 5.LA.3.2.1 Use ideas generated and organized in prewriting to write a draft with a main idea. (717.01.a) 5.LA.4.1.2 Write a variety of expressive works that include sensory details and precise word choices. (717.02.b; 717.03.b) 5.S.4.1.1: Describe the interactions among the solid earth, oceans, and atmosphere (erosion, climate, tectonics, and continental drift). 5.S.5.1.1: Identify issues for environmental studies.</p> <p><u>Grade 6:</u> 6.LA.3.2.1 Use ideas generated and organized in prewriting to write a draft with a main idea and supporting details. (726.01.a) 6.LA.4.1.2 Write a variety of expressive works that include sensory details and figurative language. (726.02.b; 726.04.c) 6.S.4.1.1: Explain the interactions among the solid earth, oceans, atmosphere, and organisms. 6.S.5.1.1: Identify issues for environmental studies</p>
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