

**Fort Zumwalt School District--Office of Curriculum and Instruction**

*First Grade Science Proficiency Scales -Updated 8-21-17*

<b>Grade Level:</b> First Grade	<b>Content Standard:</b> Demonstrates understanding of Science concepts and facts.	
<b>Score</b>	<b>Expectation Descriptor</b>	<b>Additional Instructional Information</b>
4 Proficient	The student will: <ul style="list-style-type: none"><li>• Consistently and accurately demonstrate understanding of concepts and facts and can apply them to different contexts.</li></ul>	
3 Approaching Proficient	The student will: <ul style="list-style-type: none"><li>• Accurately demonstrate understanding of most concepts and facts and can apply them to different contexts with prompting.</li></ul>	
2 Beginning Progress	The student will: <ul style="list-style-type: none"><li>• Demonstrate limited understanding of some concepts and facts</li></ul>	
1 Of Concern	The student will: <ul style="list-style-type: none"><li>• Demonstrate lack of understanding of most concepts and facts</li></ul>	

**Fort Zumwalt School District--Office of Curriculum and Instruction**

*First Grade Science Proficiency Scales -Updated 8-21-17*

<p><b>Grade Level:</b> First Grade</p>	<p><b>Process Standard:</b> Understand that science is the practice of asking questions, conducting fair investigations, and discussing evidence-based claims.</p>	
<p><b>Score</b></p>	<p><b>Expectation Descriptor</b></p>	<p><b>Additional Instructional Information</b></p>
<p>4 Proficient</p>	<p>The student will:</p> <ul style="list-style-type: none"> <li>● Formulate a question (hypothesis)</li> <li>● Use my senses and simple tools to gather data</li> <li>● Justify explanation using data gathered (<b>with prompting</b>)</li> <li>● Communicate results</li> </ul>	<ul style="list-style-type: none"> <li>● Guided whole class scientific inquiry</li> </ul>
<p>3 Approaching Proficient</p>	<p>The student will:</p> <ul style="list-style-type: none"> <li>● Formulate a question (hypothesis)</li> <li>● Use my senses and simple tools to gather data (<b>with support</b>)</li> <li>● Justify explanation using data gathered (<b>with prompting and support</b>)</li> <li>● Communicate results</li> </ul>	<ul style="list-style-type: none"> <li>● Guided whole class scientific inquiry</li> </ul>
<p>2 Beginning Progress</p>	<p>The student will:</p> <ul style="list-style-type: none"> <li>● Formulate a question (hypothesis)</li> <li>● Use my senses and simple tools to gather data (<b>with support</b>)</li> <li>● Have difficulty justifying explanation using data gathered (<b>even with prompting and support</b>)</li> <li>● Communicate results</li> </ul>	<ul style="list-style-type: none"> <li>● Guided whole class scientific inquiry</li> </ul>
<p>1 Of Concern</p>	<p>The student will:</p> <ul style="list-style-type: none"> <li>● Have difficulty formulating testable questions and explanations</li> <li>● Have difficulty communicating the results of investigations and explanations.</li> </ul>	<ul style="list-style-type: none"> <li>● Guided whole class scientific inquiry</li> </ul>