

**4th Grading Rubric
Science**



4 Exceeding	3 Meeting	2 Developing	1 Area of Concern
Student exceeds expectations of this unit.	Student is meeting the expectations for this unit.	Student sometimes meets the expectations for this unit.	Student rarely meets the expectations for this unit.
Inquiry			
<ul style="list-style-type: none"> • Student is able to generate questions based on observations and present findings that lead to future questions. • Student is able to communicate evidence through various illustrations, performances, and models. 	<ul style="list-style-type: none"> • Student is able to generate questions based on observations. • Student can present findings that lead to future questions. 	Student meets 1 of the 2 expectations.	Student meets none of the expectations of this unit.
View From the Earth (4ES)			
Student exceeds expectations and demonstrates independent critical thinking skills through enrichment experiences.	<ul style="list-style-type: none"> • Student is able to demonstrate the regular patterns of the motion of the sun, moon, and Earth. • Student demonstrates an understanding of the changes of weather over the seasons. • Student can explain how rocks and fossils give scientists information about the history of the Earth. 	Student meets 1 or 2 of the expectations.	Student meets none of the expectations.
Energy Transfer (4PS1)			
Student exceeds expectations and demonstrates independent critical thinking skills through enrichment experiences.	<ul style="list-style-type: none"> • Student is able to classify objects and substances by their physical properties. • Student is able to describe energy in many forms. • Student can follow an electrical charge through a complete circuitual path. • Student is able to describe magnetism as a physical property of 	Student meets 2 to 4 of the expectations.	Student meets none of the expectations.

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	<ul style="list-style-type: none"> matter. Student can demonstrate how heat can transfer from one substance to another. 		
States of Matter (4PS2)			
Student exceeds expectations and demonstrates independent critical thinking skills through enrichment experiences.	<ul style="list-style-type: none"> Student can describe objects in terms of their properties. Student can identify the properties of a solid, liquid, and gas. Student is able to classify objects and materials based on their properties. 	Student meets 1 or 2 of the expectations.	Student meets none of the expectations.
Organisms in Their Environment (4LS)			
Student exceeds expectations and demonstrates independent critical thinking skills through enrichment experiences.	<ul style="list-style-type: none"> Student can identify individual differences in the characteristics of organisms and the basic needs for survival. Student can describe the interactions of organisms with one another within their habitat based on their role in a food web. Student can describe the effect of change in the environment can produce a change in a food web. 	Student meets 1 or 2 of the expectations.	Student meets none of the expectations of this unit.