

**Standards Based Report Card Rubric: 1st Grade Science 2019-2020**

Standard Description	Assessment of Mastery		
	<u>Met Standard (MS)</u>	<u>Approaching Standard (AS)</u>	<u>Insufficient Progress toward the Standard (IPS)</u>
<b>1st Grading Period</b>			
<i>Asks questions about observable organisms, objects, and events</i>	Independently asks clear and reasonable questions about organisms, objects, and events	Asks questions about organisms, objects, and events with educator support	Questions about organisms, objects, and events, even with educator support, are disconnected or not relevant
<i>Uses pictures, numbers, and words to record and organize data</i>	Observes, collects, and records scientific data independently	Observes and collects scientific data but occasionally needs guidance to organize it	Struggles to observe, collect, or record scientific data without support
<i>Uses observable properties to classify objects</i>	Classifies objects by all observable properties such as larger and smaller, heavier and lighter, shape, color, and texture independently	Classifies objects by some observable properties such as larger and smaller, heavier and lighter, shape, color, and texture independently, but still needs some support understanding the different observable properties	Classifications of objects are random or mimic the educator

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	<u>Met Standard (MS)</u>	<u>Approaching Standard (AS)</u>	<u>Insufficient Progress toward the Standard (IPS)</u>
<b>2nd Grading Period</b>			
<i>Asks questions about observable organisms, objects, and events</i>	Independently asks clear and reasonable questions about organisms, objects, and events	Asks questions about organisms, objects, and events with educator support	Questions about organisms, objects, and events, even with educator support, are disconnected or not relevant
<i>Uses pictures, numbers, and words to record and organize data</i>	Observes, collects, and records scientific data independently	Observes and collects scientific data but occasionally needs guidance to organize it	Struggles to observe, collect, or record scientific data without support
<i>Predicts and describes motion caused by a magnet</i>	Predicts and describes both push and pull caused by a magnet	Understands the influence of the magnet on objects but predictions of motion are inaccurate	Indicates random object motions in the presence of a magnet
<i>Compares, describes, and sorts different components of soil based on observable properties</i>	Compares, describes, and sorts different components of soil based on observable properties independently	Compares and describes, OR sorts different components of soil based on observable properties independently	Describes different components of soil based on observable properties with substantial support

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	<u>Met Standard (MS)</u>	<u>Approaching Standard (AS)</u>	<u>Insufficient Progress toward the Standard (IPS)</u>
<b>3rd Grading Period</b>			
<i>Asks questions about observable organisms, objects, and events</i>	Independently asks clear and reasonable questions about organisms, objects, and events	Asks questions about organisms, objects, and events with educator support	Questions about organisms, objects, and events, even with educator support, are disconnected or not relevant
<i>Uses pictures, numbers, and words to record and organize data</i>	Observes, collects, and records scientific data independently	Observes and collects scientific data but occasionally needs guidance to organize it	Struggles to observe, collect, or record scientific data without support
<i>Observes and records changes in the appearance of objects in the sky</i>	Can observe and record changes in the appearance of objects in the sky independently.	Makes relevant observations about objects in the night sky but struggles to organize observations	Observations about changes in the appearance of objects in the sky are random or don't describe the objects

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Standard Description	Assessment of Mastery		
	<u>Met Standard (MS)</u>	<u>Approaching Standard (AS)</u>	<u>Insufficient Progress toward the Standard (IPS)</u>
<b>4th Grading Period</b>			
<i>Asks questions about observable organisms, objects, and events</i>	Independently asks clear and reasonable questions about organisms, objects, and events	Asks questions about organisms, objects, and events with educator support	Questions about organisms, objects, and events, even with educator support, are disconnected or not relevant
<i>Uses pictures, numbers, and words to record and organize data</i>	Observes, collects, and records scientific data independently	Observes and collects scientific data but occasionally needs guidance to organize it	Struggles to observe, collect, or record scientific data without support
<i>Gather and describe evidence of interdependence among living organisms</i>	Gathers and describes evidence of interdependence among living organisms independently	Gathers and describes evidence of interdependence among living organisms with support	Has difficulty gathering evidence and/or recognizing interdependence between organisms
<i>Observe and record life cycles of animals</i>	Observes and records life cycles of animals independently	Observes and records life cycles of animals with support	Observations are unclear or not connected with the concept of life cycles