



Standards-Based Report Card Rubric: Grade 1 Science

Report Card Section	Report Card Statement	Standards Assessed	Quarter Assessed	Assessment of Mastery		
				Met Standard (MS)	Approaching Standard (AS)	Insufficient Progress (IP)
• .	by observable properties.	1.5A classify objects by observable properties such as larger and smaller, heavier and lighter, shape, color, and texture; 1.5B predict and identify changes in materials caused by heating and cooling; 1.5C classify objects by the materials from which they are made;		Consistently and independently classifies objects by observable properties such as larger and smaller heavier and lighter shape color texture	Inconsistently classifies objects by observable properties such as larger and smaller heavier and lighter shape color texture	Limited ability/unable to classify objects by observable properties such as larger and smaller, heavier and lighter, shape, color or texture
Force, Motion, and Energy	discuss how different forms of energy are	1.6A identify and discuss how different forms of energy such as light, heat, and sound are important to everyday life;		light, thermal, and sound are important to everyday life	Inconsistently identifies and discusses how different forms of energy such as light, thermal, or sound are important to everyday life May be able to recognize examples of different forms of energy but unable to describe their importance to everyday life	
	magnet can be used.	1.6B predict and describe how a magnet can be used to push or pull an object;	1,2,3,4	Consistently and independently describes how a magnet can be used to push or pull an object	Inconsistently predicts how a magnet can be used	Limited ability/unable to predict how a magnet can be used
	patterns of movement: straight, zig zag, up/down, back/forth, round/round, and	1.6C demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow;		Consistently demonstrates patterns of movement	Inconsistently demonstrates patterns of movement	Limited ability/unable to demonstrate patterns of movement

Earth and Space	compare, describe and sort components of soil and identify natural sources of water.	1.7A observe, compare, describe, and sort components of soil by size, texture, and color; 1.7B identify and describe a variety of natural sources of water, including streams, lakes, and oceans; 1.7C identify how rocks, soil and water are used to make products;	Consistently and independently observes, compares, describes, and sorts components of soil by size, texture, color Consistently and independently identifies and describes natural sources of water including streams, lakes, and oceans	soil by size, texture, and color May be able to observe and describe the specific properties of samples of rocks but not sort or compare Inconsistently identify and describe a variety of natural sources of water	observe but not describe, sort, or compare different samples Limited ability/unable to
	information.	1.8A record weather information, including relative temperature, such as hot or cold, clear or cloudy, calm or windy, and rainy or icy;1.8D demonstrate that air is all around us and observe that wind is moving air;	Independently, consistently and accurately records weather information including relative temperature, hot/cold, clear/cloudy, calm/windy, rainy or icy	Inconsistently or inaccurately records weather information including relative temperature, hot/cold, clear/cloudy, calm/windy rainy, icy Students may be able to observe weather information but not record it	Limited ability/unable to record weather information
		1.8B observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun;	Consistently and independently observes and records changes in appearance of the Moon, Sun and stars in the sky	changes in the appearance of such as the Moon, Sun and stars in the sky May be able to observe changes in the appearance of objects in the sky but not accurately record the data.	Limited ability/unable to observe and record changes in the appearance of objects such as the Moon, Sun and stars in the sky Students may be able to name objects in the sky but are unable to describe how they change
	•	1.8C identify characteristics of the seasons of the year and day and night;	Consistently and independently identifies characteristics of the seasons of the year and day and night	Inconsistently identifies characteristics of the year and day and night	Limited ability/unable to identify characteristics of the year and day and night

Organisms and Environments	living and nonliving things.	1.9A sort and classify living and nonliving things based upon whether they have basic needs and produce offspring;	•		living and nonliving things	Limited ability/unable to sort and classify living and nonliving things
	how things depend on each other in their surroundings.	 1.9B analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver; 1.9C gather evidence of interdependence among living organisms such as energy transfer through food chains and animals using plants for shelter; 		gathers evidence of interdependence among living	using plants for shelter The student gathers insufficient evidence or not recognize the interdependence among living organisms	evidence of interdependence
	I can identify and compare the parts of a plant.	1.10B identify and compare the parts of plants;		Consistently and independently identifies and compares parts of a plant		Limited ability/unable to identify and compare parts of a plant
	that organisms resemble their parents and have external characteristics that help them survive within their	1.10A investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats; 1.10C compare ways that young animals resemble their parents;		compares the way that organisms resemble their parents and have structures that help them survive within their environment, and describes all three characteristics of an animal - where it lives, how	help them survive within their environment, and describes at least two characteristics of an animal such as where it lives, how	Limited ability/unable to compare the way that organisms resemble their parents, have structures that help them survive and unable to describe characteristics of an animal - where it lives, how it moves, or what it eats
	I can observe and record the stages of various life cycles.	1.10D observe and record life cycles of animals such as a chicken, frog, or fish;		Consistently and independently observes and records life cycles of animals such as a chicken, frog or fish	_	Limited ability/unable to observe and record life cycles of animals such as a chicken, frog or fish

Consistently = Able to complete tasks with 85-100% accuracy of the time over the assessment term (i.e. They are mostly accurate.)

Inconsistently = Able to complete tasks with 50-84% accuracy of the time over the assessment term (i.e. They are accurate more than half the time.)

With support = Instructional tools (i.e., dictionaries, word walls) or teacher prompts (i.e. suggesting strategy, asking questions, giving sentence stems)

Limited Ability/Unable to = Able to complete tasks with less than 50% accuracy of the time over the assessment term