

Sherman ISD Second Grade Science Parent Standards-Based Report Card Rubric

Second Grade Science Assessment of Mastery		MS = Meets end of year grade level standard AP = Approaching end of year grade level standard DN = Does not yet meet end of year grade level standard * = Not yet introduced			
Report Card Section	Standard Assessed	Reporting Period			
Every Quarter - PROCESS SKILLS		1	2	3	4
I can actively participate in planning and conducting investigations using tools safely.	1A identify, describe, and demonstrate safe practices as outlined in the Texas Education Agency-approved safety standards during classroom and outdoor investigations, including wearing safety goggles or chemical splash goggles, as appropriate, washing hands, and using materials appropriately				
	2A ask questions about organisms, objects, and events during observations and investigations				
	2B plan and conduct descriptive investigations				
I can observe , collect, measure and record scientific data.	4A collect, record, and compare information using tools, including computers, hand lenses, rulers, plastic beakers, magnets, collecting nets, notebooks, and safety goggles or chemical splash goggles, as appropriate; timing devices; weather instruments such as thermometers, wind vanes, and rain gauges; and materials to support observations of habitats of organisms such as terrariums and aquariums				
I can make predictions, justify, explain and draw conclusions based on data.	.2(E) communicate observations and justify explanations using student-generated data from simple descriptive investigations				
Life Science					
I can compare the ways living organisms depend on each other and on their environments such as through food chains.	.9(C)* compare the ways living organisms depend on each other and on their environments such as through food chains				
I can observe, record, and compare how physical characteristics and behaviors of animals help them meet their basic needs.	10(A)* observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs				
I can investigate and record stages insects undergo during their life cycle.	10C investigate and record some of the unique stages that insects such as grasshoppers and butterflies undergo during their life cycle				
Physical Science					

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I can classify matter by physical properties including solid, liquid, gas, and temperature.	5(A)* classify matter by physical properties, including relative temperature, texture, flexibility, and whether material is a solid or liquid				
I can compare changes in materials caused by heating and cooling.	5(B)* compare changes in materials caused by heating and cooling				
I can investigate the effects on objects by increasing or decreasing light, heat, and sound.	6(A)* investigate the effects on objects by increasing or decreasing amounts of light, heat, and sound energy such as how the color of an object appears different in dimmer light or how heat melts butter				
EARTH SCIENCE					
I can observe, describe, and compare rocks by size, texture, and color.	7(A) observe, describe, and compare rocks by size, texture, and color				
I can observe, describe, and record patterns of object in the sky.	.8(C)* observe, describe, and record patterns of objects in the sky, including the appearance of the Moon				
I can observe and record changes in weather including temperature, precipitation and seasonal informaion.	.8(A)* measure, record, and graph weather information, including temperature, wind conditions, precipitation, and cloud coverage, in order to identify patterns in the data				