



ADW Academic Standards
Report Card Guide Sheets

Grade: First Subject: Science

Report Card Standard	<u>Earth and Space Science</u> Investigate, describe, and discuss weather and space.		
Learning Targets by Quarter			
1	2	3	4
I can:	I can:	I can:	I can: -describe and compare objects in the night and day sky -observe sun, moon, and stars to describe their predicted patterns -make observations to determine the effect of sunlight on the Earth's surface. Earth Revolution Day Moon Phases Night Temperature Sun Light Moon Heat Stars Thermometer Rotation



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Work Sample for Meets the Grade Level Expectations at this Time by Quarter			
1	2	3	4
Student can:	Student can:	Student can:	Student can: -understand how day and night occur by drawing objects they would see in the day or night sky -understand that the sun is a star that provides heat and light by conducting outdoor experiments. ie. water experiments, light vs. dark color material experiments, read a thermometer in a shady and sunny location -draw and record the phases of the moon



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Report Card Standard		<u>Life Science</u>	
		Investigate, describe and discuss plants, animals and habitats.	
Learning Targets by Quarter			
1	2	3	4
I can:	I can: -observe physical features to determine patterns for classifications of living organisms -describe and compare the basic needs of living organisms. -read texts and use media -develop a model Plants Behavior Animals Parent Fungi Offspring Producer Survival Consumer Habitat	I can: -observe physical features to determine patterns for classifications of living organisms -describe and compare the basic needs of living organisms. -read texts and use media -develop a model Plants Behavior Animals Parent Fungi Offspring Producer Survival Consumer Habitat	I can:



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Work Sample for Meets the Grade Level Expectations at this Time by Quarter

1	2	3	4
Student can:	Student can: -grow a plant, observe physical features, make observations, and record data. -research an animal, create a habitat, and write about behavior patterns that aid in its survival. -sorting pictures of living organisms by classifications	Student can: -grow a plant, observe physical features, make observations, and record data. -research an animal, create a habitat, and write about behavior patterns that aid in its survival. -sorting pictures of living organisms by classifications	Student can:



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Report Card Standard	<u>Physical Science</u> Investigate, describe, and discuss light and sound.		
Learning Targets by Quarter			
1	2	3	4
I can: -make observations about light and sound -plan and conduct an investigation about light and sound -develop a simple device using light or sound that communicates over a distance Light Illumination Shadow Transparent Reflection Sound Vibration Communication	I can:	I can:	I can:
Work Sample for Meets the Grade Level Expectations at this Time by Quarter			
1	2	3	4
Student can: -observe objects that are seen	Student can:	Student can:	Student can:



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<p>only when illuminated. -investigate and creating shadows by flashlights. -understand reflection by using mirrors. -conduct sound experiments by using different musical instruments. -describe the sounds of musical instruments. ie. high or low -build a simple device that uses light or sound to solve a problem of communicating over a distance.</p>			
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Report Card Standard	<u>Science Inquiry</u> Investigates and makes observations using known scientific tools to obtain information.		
Learning Targets by Quarter			
1	2	3	4
I can: make observations and obtain information using a mirror, flashlight, and musical instruments	I can: -make observations and obtain information using a ruler, magnifying glass -record data in a journal	I can: -make observations and obtain information using a ruler, magnifying glass -record data in a journal	I can: -make observations and obtain information using a thermometer and a globe. -record data in a journal
Work Sample for Meets the Grade Level Expectations at this Time by Quarter			
1	2	3	4
Student can: -actively participate in experiments using a mirror and flashlight -identify musical instruments and how their different sounds are made through vibrations	Student can: -use and read a ruler to record data -draw a picture of what is seen in a magnifying glass -share data in journal with peers and teacher	Student can: - use and read a ruler to record data -draw a picture of what is seen in a magnifying glass -share data in journal with peers and teacher	Student can: -actively participate in experiments using a thermometer and record data. -will demonstrate how the earth rotates by using a globe