

Third Grade Science Standards

I Can Statement	State Benchmark	I Can . . .	1	2	3	4
*1.	3.1.1.1.1	Work as an individual or in a group to provide evidence to support a claim instead of saying "I just know that."				
*2.	3.1.1.2.1	Create questions that can be answered using prior scientific knowledge and knowledge from my own observations. Ex. I can investigate the sounds produced by striking various objects.				
*3.	3.1.1.2.2	Understand that when a science investigation is done the way it was done before, I should get a similar result.				
*4.	3.1.1.2.3	Record observations, procedures, and explanations. Ex. I can make a chart comparing my observations about physical characteristics of fish and birds.				
*5.	3.1.1.2.4	Explain my observations based on the evidence collected.				
*6.	3.1.3.2.1	Understand that all people throughout history have used evidence to learn about the natural world, identify patterns in nature, and develop tools. Ex. Charles Lindbergh used the stars to navigate his plane across the Atlantic Ocean in 1927.				

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*7.	3.1.3.2.2	Understand science and engineering involves many different kinds of people, ages, and backgrounds.				
*8.	3.1.3.4.1	Use the following tools to improve observations and keep a record: a. rulers b. thermometers c. magnifiers d. simple balances				
9.	3.2.3.1.1	Understand the relationship between the following: a. the rate of vibration b. factors that affect pitch. Ex. Changing the length of a string that is plucked changes the pitch.				
10.	3.2.3.1.2	Explain how shadows can form in various ways.				
11.	3.2.3.1.3	Describe how light travels in a straight line until it is absorbed, redirected, reflected or allowed to pass through an object. Ex. Use a flashlight, mirrors and water to demonstrate reflection and bending of light.				

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12.	3.3.3.1.1	Observe and describe the daily and seasonal changes in the position of the sun and compare observations.				
13.	3.3.3.1.2	Recognize the phases of the moon.				
14.	3.3.3.2.1	Show how a large light source at a great distance looks like a small light that is much closer. Ex. Car headlights at a distance look small compared to when they are close.				
15.	3.3.3.2.2	Recognize that the Earth is one of several planets that orbit the sun, and that the moon orbits the Earth.				
16.	3.4.1.1.1	Compare plants and animals and how they are different in the way they grow, survive, and reproduce.				
17.	3.4.1.1.2	Classify common plants and animals using physical characteristics, structures, and behaviors. Ex. Sort animals into groups such as mammals and fish based on physical characteristics.				
18.	3.4.3.2.1	Give examples of how adults and offspring in plants and animals show a likeness that is inherited. Ex. Collect samples or pictures that show similarities between adults and their young offspring.				
19.	3.4.3.2.2	Give examples of differences among living things that allow them to survive and reproduce.				