

Grade 1 Science Assessment Guide T1

I Can Statements:	4Cs:
I can explain and ask questions how vibrating materials make sounds.	Communication
I can observe and explain how objects can be seen only when illuminated.	Creativity
I can use tools and materials to design and build a model that uses light or sound to solve the problem of communicating over a distance.	Collaboration
I can show understanding that a problem can be solved in many ways.	Critical Thinking

	Novice 1	Approaching 2	Proficient 3	Advanced 4
Communication		Ask questions.	Ask questions and explain your thinking. SL.1.2	Ask questions to check for understanding; clearly explain your strategies, thinking and conclusions.
Critical Thinking	Participate in whole group reading, discussions, and data gathering in order to gather information about sound and light.	With help and support, create questions and gather information about vibration and illumination to understand connections and patterns, help to design a distance communication tool.	With help and support, create questions and gather information about vibration and illumination to understand connections and patterns; use systems thinking to design a distance communication tool and show understanding that a problem can be solved in many different ways. 1-PS4-1, 1-PS4-3	Create questions and gather information about vibration and illumination to understand connections and patterns; use systems thinking to design a <u>unique and creative</u> distance communication tool and show understanding that a problem can be solved in many different ways, <u>and show understanding of the impact of decisions about materials and process used to create the product.</u>

Grade 1 Science Assessment Guide T2

I Can Statements:	4Cs:
I can ask questions and tell about the patterns of the sun, moon and stars.	Communication
I can build a model to solve a problem.	Creativity
I can explain the strengths and weaknesses of my model	Collaboration
I can understand the patterns that can be predicted of the sun, moon and stars.	Critical Thinking

	Novice 1	Approaching 2	Proficient 3	Advanced 4
Communication		Ask questions.	Ask questions and explain your thinking. SL.1.2	Ask questions to check for understanding; clearly explain your strategies, thinking and conclusions.
Critical Thinking	Participate in whole group reading, discussions, and data gathering in order to gather information about the sun, moon, and stars.	With help and support; create questions and gather information about the sun, moon, and stars.	With help and support; create questions and gather information about the sun, moon, and stars; understanding that patterns that can be predicted. 1-ESS1-1, K-2-ETS1-1	Create questions and gather information about the sun, moon, and stars; understanding that patterns that can be predicted <u>sharing examples of those patterns and explaining the connections in the system.</u>

Grade 1 Science Assessment Guide T3

I Can Statements:	4Cs:
I can ask questions and explain how plants and animals survive, grow and meet their needs in their environment	Communication
I can read and tell about how parents behave to help offspring survive.	Creativity
I can explain how young plants and animals are similar to their parents.	Collaboration
I can show understanding and recognize patterns about plants and animals and their offspring.	Critical Thinking

	Novice 1	Approaching 2	Proficient 3	Advanced 4
Communication		Ask questions.	Ask questions and explain your thinking. SL.1.2	Ask questions to check for understanding; clearly explain your strategies, thinking and conclusions.
Critical Thinking	Participate in whole group reading, discussions, and data gathering in order to gather information about the traits of plants & animals and their offspring.	With help and support; create questions and gather information about the traits of plants & animals and their offspring. Help to design a solution to a human problem by mimicking plants or animals.	With help and support; create questions and gather information about the traits of plants & animals and their offspring; understanding connections and patterns that can be predicted. Use systems thinking to design a solution to a human problem by mimicking plants or animals, understanding that a problem can be solved in many different ways. 1-LS1-1, 1-LS1-2	Create questions and gather information about the traits of plants & animals and their offspring; understanding connections and patterns that can be predicted. Use systems thinking to design a <u>unique and creative</u> solution to a human problem by mimicking plants or animals, understanding that a problem can be solved in many different ways, <u>and show understanding of the impact of decisions about materials and process used to create the product.</u>