

LIGHT – Grade 4 Science

LI 4.1 Investigate the characteristics and physical properties of natural and artificial sources of light in the environment.

LI 4.2 Analyze how light interacts with different objects and materials.

Performance Assessment

Name: _____

Summative and Formative

How does light effect me?

LI 4.1	Great work! This is going extra well for you!	You did it and you did it on your own!	Good start. You are beginning to make sense of this on your own.	You can do it. Spend some extra time with the criteria and ask for help.
Investigate – characteristics and physical properties of natural sources of light in the environment	I am able to identify and expand in depth, the characteristics and physical properties of natural sources of light in the environment. I can elaborate on how they affect the world around us, giving many details and examples.	I am able to independently identify the characteristics and physical properties of natural sources of light in the environment and explain how they affect the world around us.	With assistance, I am able to identify some of the characteristics and physical properties of natural sources of light in the environment. Do I need to review the characteristics and properties so I can expand on my ideas?	Even with assistance, I am having a hard time identifying the characteristics and physical properties of natural sources of light in the environment. Do I need to spend more time understanding what a natural source is? What is a characteristic and property?
Investigate - characteristics and physical properties of artificial sources of light in the environment.	I am able to identify and expand in depth, the characteristics and physical properties of artificial sources of light in the environment. I can elaborate on how they affect the world around us, giving many details and examples.	I am able to independently identify the characteristics and physical properties of artificial sources of light in the environment and explain how they affect the world around us.	With assistance, I am able to identify the characteristics and physical properties of artificial sources of light in the environment. Do I need to review the characteristics and physical properties?	Even with assistance, I am having a hard time identifying the characteristics and physical properties of artificial sources of light in the environment. Do I need to spend more time understanding what an artificial source is?

We have been studying about how light effects us every day. You have a choice of the following three activities to show your learning of the outcomes:

- a) Answer the questions on the quiz sheet and hand in.
- b) Use the quiz sheet and the flip video, and answer the questions.
- c) Use the quiz sheet to guide your work and create a puppet show that answers the questions.

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