

Third Grade Essential Science Standards

- 3.1.1.2.2 Recognize Scientific Method
- 3.1.1.2.3 Maintain a record of observations, procedures, and explanations
- 3.1.3.2.1 Understand that everybody can use evidence to learn about the natural world
- 3.1.3.2.2 Recognize that the practice of science and/or engineering involves many different kinds of work and engages men and women of all ages and backgrounds
- 3.1.3.4.1 Use tools to improve observations and keep a record of those observations

- 3.2.3.1.1 Explain the relationship between the pitch of a sound, the rate of vibration of the Source, and factors that affect pitch
- 3.2.3.1.2 Explain how shadows form and can be changed in various ways
- 3.2.3.1.3 Describe how light travels in a straight line until it's absorbed, redirected, reflected, or allowed to pass through an object

- 3.3.3.1.1 Observe and describe the daily and seasonal changes of the sun
- 3.3.3.1.2 Recognize the pattern of apparent changes in the moon's shape and position
- 3.3.3.2.2 Recognize that the Earth is one of several planets to orbit the sun

- 3.4.1.1.1 Compare how the different structures of plants and animals serve various functions Of growth, survival, and reproduction
- 3.4.1.1.2 Identify common groups of plants and animals using physical characteristics and behaviors
- 3.4.3.2.1 Give examples of likenesses between adults and offspring in plants and animals That can be inherited or acquired

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