



Standard #: SC.2.N.1.6

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Explain how scientists alone or in groups are always investigating new ways to solve problems.

Grade: 2

Big Idea: [The Practice of Science](#) -

A: Scientific inquiry is a multifaceted activity; The processes of science include the formulation of scientifically investigable questions, construction of investigations into those questions, the collection of appropriate data, the evaluation of the meaning of those data, and the communication of this evaluation.

B: The processes of science frequently do not correspond to the traditional portrayal of "the scientific method."

C: Scientific argumentation is a necessary part of scientific inquiry and plays an important role in the generation and validation of scientific knowledge.

D: Scientific knowledge is based on observation and inference; it is important to recognize that these are very different things. Not only does science require creativity in its methods and processes, but also in its questions and explanations.

Date Adopted or Revised: 02/08

Content Complexity Rating: [Level 2: Basic Application of Skills & Concepts](#) - [More Information](#)

Date of Last Rating: 05/08

Status: State Board Approved

Remarks/Examples

* Florida Standards Connections: [MAFS.K12.MP.1](#): Make sense of problems and persevere in solving them.

Related Courses

Course Number	Course Title
5020030 :	Science - Grade 2 (Specifically in versions: 2014 - 2015, 2015 and beyond (current))
7720030 :	Access Science Grade 2 (Specifically in versions: 2014 - 2015, 2015 - 2018, 2018 and beyond (current))
5020090 :	STEM Lab Grade 2 (Specifically in versions: 2016 and beyond (current))

Related Access Points

Independent

Access Points Number	Access Points Title
SC.2.N.1.In.4 :	Recognize that scientists work to solve problems.

Supported

Access Points Number	Access Points Title
SC.2.N.1.Su.4 :	Recognize that people work in science.

Participatory

Access Points Number	Access Points Title
SC.2.N.1.Pa.1 :	Request a change or help to solve a problem in the environment.

Related Resources

Video/Audio/Animation

Name	Description
Auroras! Mysterious Lights in the Sky:	This site features a great online book about auroras. The pictures in the book move to captivate the reader. The dialogue also rhymes throughout the book, which provides a great tie in for Language Arts. After the ending of the story you can also read on for more aurora facts.

Lesson Plan

Name	Description
Cheesy Pizza Delivery: I Need a New Car:	The Cheesy Pizza Delivery MEA gives students the opportunity to work in collaborative groups to solve the problem of buying new delivery cars. It also touches upon the topic of Hybrid vehicles.
Marshmallow Cereal Comparisons: A Tasty Treat:	Students will analyze information to determine the best selection of three Marshmallow Cereals for a selection in the school cafeteria.