

Name: _____ Period: _____ Date: _____

Unit 1: The Nature of Science

1.1 A Brief History of Advances in Science

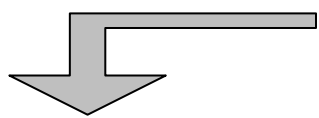


* _____

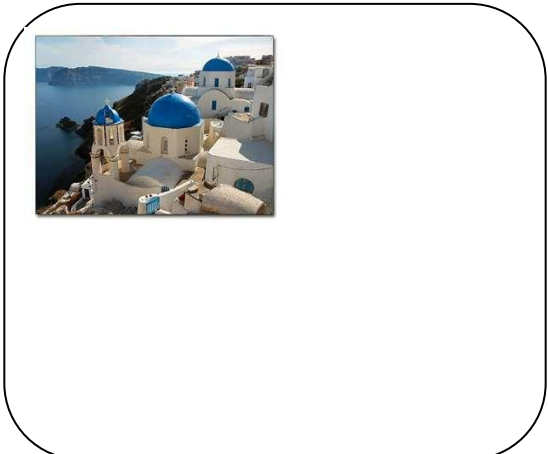
is basic to science

Rational Thinking: searching for _____

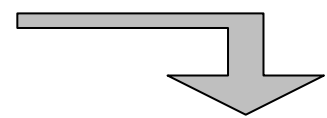
& _____ relationships



Where & When



HISTORY

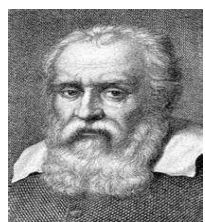


Scientists



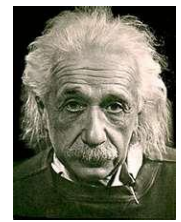
Copernicus

Empty rounded rectangular box for notes on Copernicus.



Galileo

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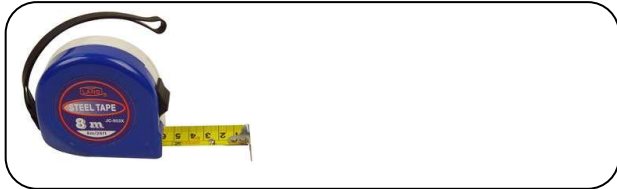
Einstein

Empty rounded rectangular box for notes on Einstein.

1.2 Mathematics and Conceptual Physical Science

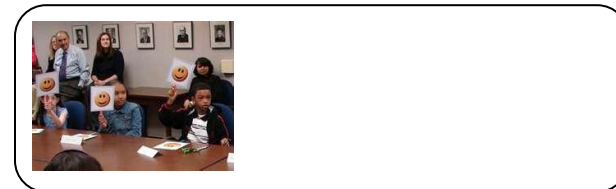
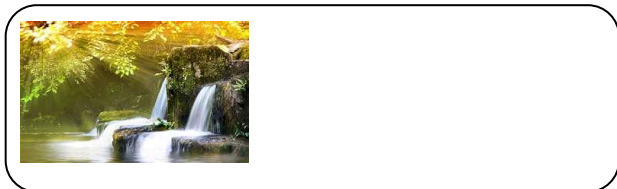
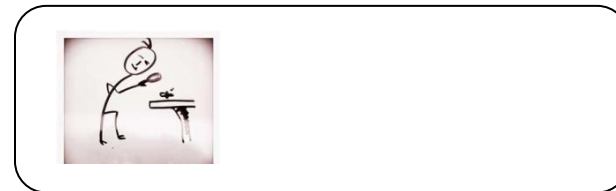
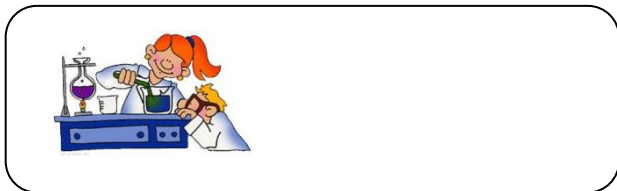
➤ Math is a _____ of Science

Science Uses Math for



1.6 Science Has Limitations

Science MUST BE:



Examples:

NON-Examples:

Pseudoscience Reading



What are 3 things you learned or found to be interesting from the reading

- A.
- B.
- C.

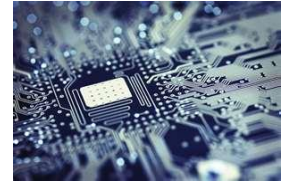
Name 2 types of Pseudosciences

- 1.
- 2.

Give 1 definition for what a pseudoscience is

My Definition:

1.8 Technology – Practical Use of the Findings of Science



- Technology _____ Science
- Technology is an _____ used to conduct investigations.
 - Allows us to use our knowledge for practical purposes

What is Science?

Using the words in the box, write your own definition for “science”

Self-correcting	common sense	nature	technology	organized
rational	verifiable	supernatural	observation	continuous
Repeatable	natural world	mathematics	subject to peer review	

Your Definition:

Our “Simple” Definition: