

Science, Grade: 7
Benchmark #: 1.1.2

Mastery Check _____

State Language:

The student designs and conducts scientific investigations safely using appropriate tools, mathematics, technology and techniques to gather, analyze and interpret data.

Student Friendly Language:

I will perform the scientific inquiry process.

Concept (Students will know):

How to conduct a scientific inquiry, including observation, testable question, hypothesis, procedure (controlled experiment, use of appropriate tools and the metric system), data collection and conclusion.

Skills (Students will do):

Design
Conduct
Analyze
Interpret
Gather

DOK Level:

4

Big Ideas:

Science uses a systematic approach to investigate phenomena.

Essential Questions:

What are the basic components of a scientific investigation?

Design and conduct an investigation on the question "Which paper towel absorbs the most water?" Materials available include different kinds of paper towels, water and a graduated cylinder.

Core Materials

Supplemental Materials: