

Science, Grade: 8
Benchmark #: 1.1.5

Mastery Check _____

State Language:

The student actively engages in communicating and defending the design, results and conclusion of his/her investigation.

Student Friendly Language:

I will communicate and defend the design, results, and conclusions of my investigation.

Concept (Students will know):

How to communicate a scientific investigation's design, results and conclusions.

How to defend his/her investigation's design, results and conclusion.

Skills (Students will do):

Communicate
Defend

DOK Level:

3

Big Ideas:

A valid defense presents clear and organized information.

Essential Questions:

What methods of communication could students use to share the results of their scientific investigations?

A student added water to glasses and tapped the glasses with a pencil to make musical notes. She adjusted the water levels in the glasses until the pitches of the notes matched the eight notes of a musical scale. Which information is **most** important to include in her report so another student can repeat her investigation?

- A) the volume of water placed in each glass
- B) the color of the pencil used to tap each glass
- C) the date and location of the investigation
- D) the student's previous experience with making musical instruments

Core Materials

Supplemental Materials: