

Science, Grade: 8
Benchmark #: 1.1.1

Mastery Check _____

State Language:

The student actively engages in asking and evaluating research questions.

Student Friendly Language:

I will ask and evaluate testable questions.

Concept (Students will know):

How to write a testable question
How to identify a testable question
How to evaluate a testable question

Skills (Students will do):

Ask
Evaluate

DOK Level:

2

Big Ideas:

Scientific investigations can be used to answer testable questions.

Essential Questions:

What is a testable question?

A student designed an investigation to answer a question. The steps the student followed during the investigation are listed below.

Step 1. Measure the mass of ten of the same type of plant seeds.

Step 2. Plant each seed in a pot of soil and place each pot in a sunny window.

Step 3. Give each plant the same amount of water each week.

Step 4. Measure the mass of each plant at the end of the week for the next two months.

Which question was this investigation most likely designed to answer?

Core Materials

Supplemental Materials: