

8.N.1.1 Students are able to **differentiate** among facts, predictions, theory, and law/principles in scientific investigations.

Webb Level: 2

Bloom: Comprehension

Verbs Defined:

Differentiate - state the differences

Key Terms Defined:

Scientific investigations – scientific experiments

Teacher Speak:

Students will be able to differentiate (state the differences) among facts, predictions, theories, and law/principles in scientific investigations (scientific experiments).

Student Speak:

I can tell the differences (differentiate) among facts, predictions, theories, and law/principles in scientific experiments (scientific investigations).

8.N.2.1 Students are able to **design** a replicable scientific investigation.

Webb Level: 4

Bloom: Synthesis

Verbs Defined:

Design - create

Key Terms Defined:

Replicable - repeatable

Scientific investigation - scientific experiments using equipment correctly, making a hypothesis, identifying a control, identifying a variable, making predictions, making observations and drawing conclusions

Teacher Speak:

Students will be able to design (create) a replicable (repeatable) scientific investigation (scientific experiments using equipment correctly, making a hypothesis, identifying a control, identifying a variable, making predictions, making observations and drawing conclusions).

Student Speak:

I can create (design) a repeatable (replicable) scientific experiment (scientific investigation)

- using equipment correctly
- making a hypothesis
- identifying a control
- identifying a variable
- making predictions
- making observations
- drawing conclusions.