## **Learning Progression for Discourse Skills**

Explain and

Vocabulary: reasoning, compare, contrast, generalize, evidence, effective, argumentation, induction, deduction

Explain the types of thinking and reasoning skills.

Success criteria:

I can...define the types of thinking and reasoning skills in this unit: Argumentation, analyzing, relationships, induction, and comparing and contrasting.

Formative Assessment Technique/s: Define the different types of thinking and reasoning skills.

- Lists
- Provides real life examples
- Responds verbally with accurate explanations

demonstrate the concept of argumentation with supporting evidence.

Success criteria: I can...provide a wellarticulated and detailed argument containing no errors in logic.

Formative Assessment Technique/s:

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Debates a topic using argumentation and supporting evidence. Define and explain the skill of comparing and contrasting.

> Success criteria: I can...demonstrate the characteristics of comparing and contrasting.

Formative Assessment Technique/s:

• List similarities and differences on a graphic organizer.

 Presents by demonstrating ideas to the class. Define and explain the skill of induction.

Success criteria: I can...clearly articulate a valid generalization based on specifics I have identified.

## Formative Assessment Technique/s:

 Uses the graphic organizer to articulate a valid generalization based on identified similarities and differences. Define and explain the skill of deduction – prediction/conclusion.

Success criteria: I can...develop a valid prediction or conclusion that accurately articulates the idea.

## Formative Assessment Technique/s:

 Construct a paragraph which explains the prediction/conclusion of the argument. Establish a productive classroom where discourse strengthens students' thinking and reasoning.



Math & Science Collaborative Inquiry Project

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