

Moving Students Through the Four Stages of Rigor

Acquisition:

How will I help my students understand the content and acquire skills outlined by the standard?

Teach **Learning Strategies:**

- Memory Strategies
- Organizing Strategies
- Summarizing Strategies
- Making Connections

Application:

How will I help my students think about what they have learned in a meaningful way?

Teach **Thinking Skills:**

- Cause and effect
- Compare contrast
- Induction
- Deduction
- Abstracting
- Error Analysis
- Evaluation
- Classification
- Analyzing Perspectives
- Constructing Support

Assimilation:

How will I help my students synthesize all they are learning using the thinking process demanded by the standard?

Teach **Thinking Processes:**

- Decision Making
- Problem Solving
- Investigation
- Invention
- Hypothesis Testing/Experimental Inquiry

Adaptation:

How will I help my students take what they have learned and apply it to new and novel contexts across disciplines?

Build **Habits of Mind:**

- Persisting
- Finding Humor
- Managing Impulsivity
- Thinking Flexibly
- Thinking Interdependently
- Striving for Accuracy
- Taking Responsible Risks
- Creating, Imaging and Innovation
- Gathering Data Through all Senses
- Listening with Understanding and Empathy
- Responding with Wonderment and Awe
- Thinking about Thinking (Metacognition)
- Questioning and Posing Problems
- Applying Past Knowledge to New Situations
- Remaining Open to Continuous Learning
- Thinking and Communicating with Clarity and Precision