

The Concept of Rigor



Welcome Back!

Your Feedback
Matters

School
Improvement Plans

Establishing
Common
Definitions

Depth of
Knowledge

Strategies of
Building Rigor

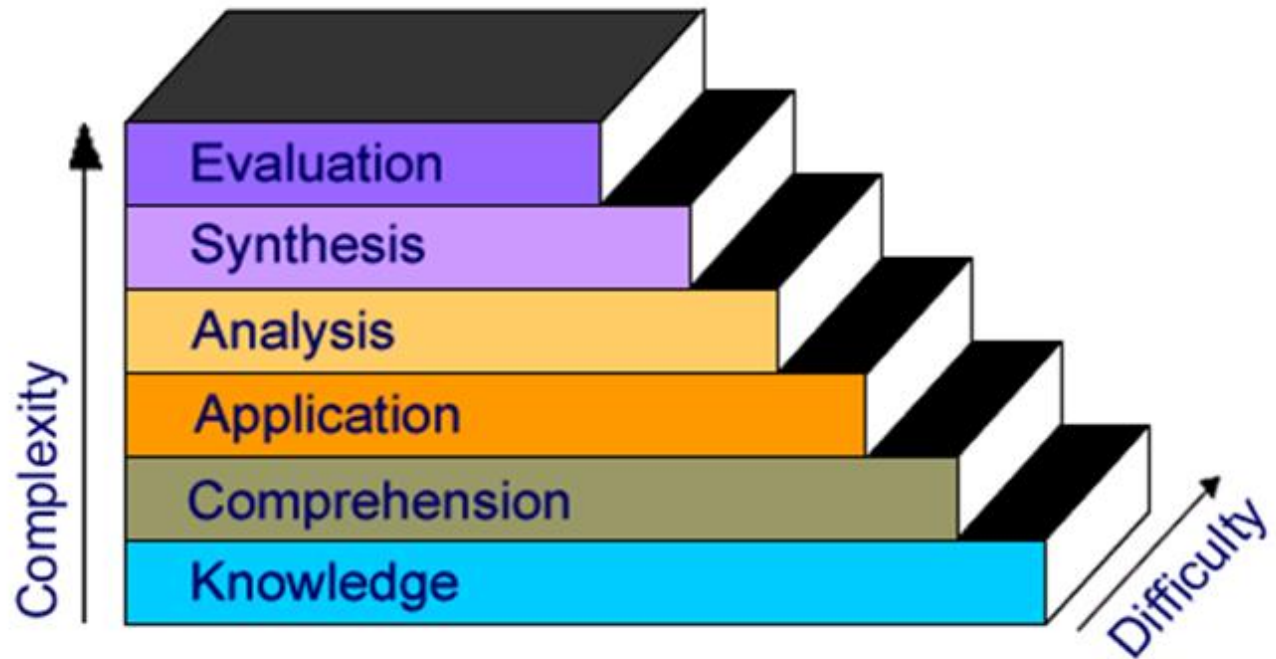
Action Planning

- The key to understanding rigor is discerning the difference between difficulty and complexity.

With your elbow partner, discuss what you believe to be the difference between the terms.

Complexity vs. Difficulty

- Increasing difficulty adds to students' efforts without increasing thinking
- Increasing rigor adds depth and higher level skills to the activity



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Complexity vs. Difficulty

- A learning activity may be increasingly difficult without becoming more complex:
 - Name the states of the Union.
 - Name the states of the Union and their capitals.
 - Name the states and their capitals in order of their admission to the Union.

Sousa, D. (2005). *How the Brain Learns*. Corwin Press: Thousand Oaks, CA.

Complexity and Depth of Knowledge Levels

- Identify the DOK level (1 – 4) indicated by the following stems:
 - What is...
 - Why did...
 - How does...
 - When was...
- With additional information, identify the DOK level (1 – 4) indicated:
 - What is the difference between...
 - Why did Hamlet react so strongly to...
 - How does the concept apply...
 - When was the appropriate time to intro

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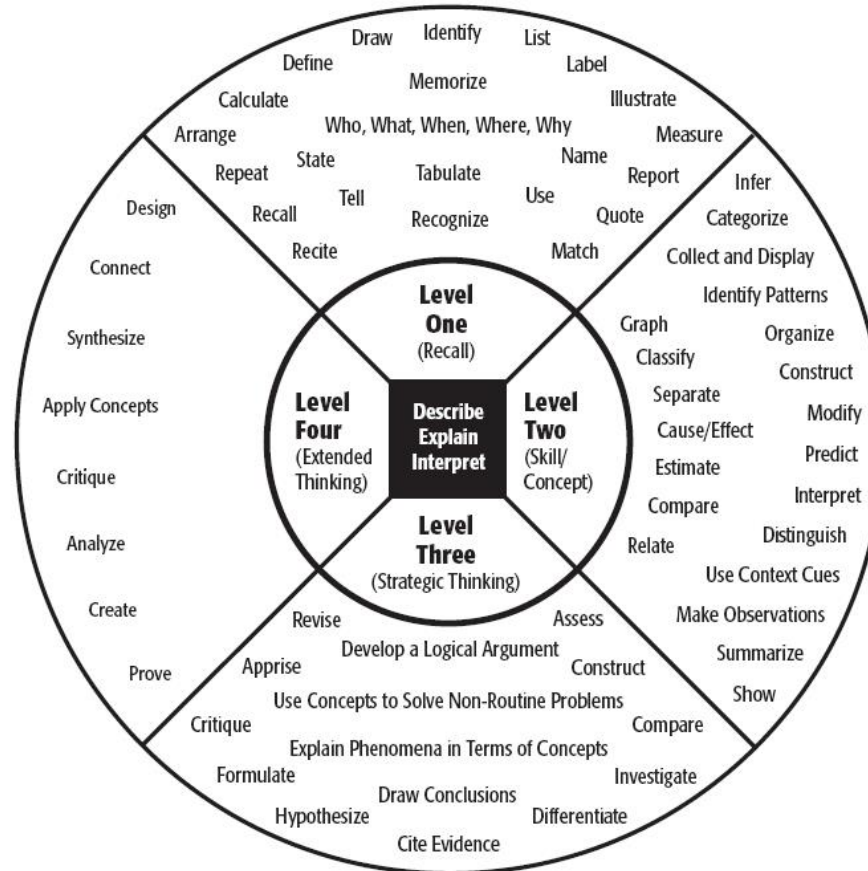
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- What do these terms mean?
- How do students develop understanding of the expectations?
- How do we teach these terms?

The Depth of Knowledge “Shuffle”



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- As a table group, you will sort tasks by depth of knowledge level. You'll need a set of task cards.
- Deal the task cards out to members at the table.
- Lay out the 4 header cards on the table.
- First person places one of the task cards under the appropriate header, explaining the rationale for the placement.
- The table group confirms the placement or comes to consensus for another placement.
- Continue and repeat the process until all tasks have been sorted.