Marzano - The New Taxonomy

Understand:
    to be thoroughly familiar with; apprehend clearly the character, nature, or subtleties of

Know:
    to be cognizant or aware of

Level of Difficulty	Reasoning Process	Terms and Phrases
KNOWLEDGE UTILIZATION (High) Applying or using knowledge in specific situations	**DECISION MAKING** – Select among alternatives that initially look equal	Decide
		Select the best from among the following alternatives
		Which among the following would be best
		What is the best way
		Which of these is most suitable
	PROBLEM SOLVING – Accomplish a goal for which obstacles or limiting conditions exist.	Solve
		How would you overcome
		Adapt
		Develop a strategy
		Figure out a way to
		How will you reach your goal under these conditions
	INVESTIGATING – Gathering and testing of assertions and opinions made by others to examine a past, present or future situation	Investigate
		Research
		Find out about
		Take a position on
		What are the differing features of
		How did this happen
		Why did this happen
		What would have happened if
	EXPERIMENTING - Generating and testing hypotheses using data newly collected by the students	Experiment
		Generate and test
		Test the idea that
		What would happen if
		How would you test that
		How would you determine if
		How can this be explained
		Based on the experiment, what can be predicted

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ANALYSIS (High-mid) Go beyond what was actually taught in class and make inferences that create new awareness	**MATCHING -** Identifying similarities and differences	Categorize
		Compare and contrast
		Differentiate
		Discriminate
		Distinguish
		Sort
		Create an analogy
		Create a metaphor
	CLASSIFYING Identifying the superordinate category in which knowledge belongs and the subordinate for knowledge	Classify
		Organize
		Sort
		Identify a broader category
		Identify different types
	ANALYZING ERRORS Identifying the logical errors in knowledge or processing errors in the execution of procedural knowledge	Identify errors
		Identify problems
		Identify issues
		Identify misunderstandings
		Assess
		Critique
		Diagnose
		Evaluate
		Edit
		Revise
	GENERALIZE (Inductive Reasoning) Infer new generalizations and principles from info known or stated	Generalize
		What conclusions can be drawn
		What inferences can be made
		Create a generalization
		Create a principle
		Create a rule
		Trace the development of
		Form conclusions
	SPECIFYING Make and defend predictions about what might happen in a given situation	Make and defend
		Predict
		Judge
		Deduce
		What would have to happen
		Develop an argument for
		Under what conditions

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COMPREHENSION (Low-mid) Demonstrate and understanding of the overall structure of knowledge Identifying critical features of knowledge	**INTEGRATING** Distilling knowledge down to its key characteristics and organizing it into a parsimonious, generalized form.	Describe how or why
		Describe the key parts
		Describe the effects
		Describe the relationship between
		Explain ways in which
		Paraphrase
		Summarize
	SYMBOLIZING Translate understanding into some pictorial, graphic or pictographic representation	Symbolize
		Depict
		Represent
		Illustrate
		Draw
		Show
		Use models
		Diagram
		Chart

Level of Difficulty	Reasoning Process	Terms and Phrases
RETRIEVAL (Low) Recognition and recall of specific information and execution of steps.	**RECOGNIZING** Determining whether information is accurate or inaccurate.	Recognize (from a list)
		Select from (a list)
		Identify (from a list)
		Determine (if the following statements are true)
	RECALLING Produce information from permanent memory	Exemplify
		Name
		List
		Label
		State
		Describe
		Identify who
		Describe what
		Identify Where
		Identify when
	EXECUTING A series of steps is carried out	Use
		Demonstrate
		Show
		Make
		Complete
		Draft