## Marzano Taxonomy

Taxonomy Level	Mental Process	Verbs + Phrases	
	Decision Making Selection between two or more alternatives that initially appear equal	<ul> <li>Select the best among the following alternatives</li> <li>Which of the following would best</li> </ul>	<ul> <li>What is the best way</li> <li>Decide</li> <li>Which of these is most suitable</li> </ul>
Knowledge Utilization  Application or use of knowledge to accomplish a specific task	Problem Solving Overcoming an obstacle to a goal	<ul><li>Solve</li><li>Adapt</li><li>Develop a strategy to</li></ul>	<ul><li>Figure out a way</li><li>How would you overcome</li><li>How will you reach your goal under these conditions</li></ul>
	Experimenting Generating and testing hypotheses to understand physical or psychological phenomenon	<ul> <li>Experiment</li> <li>Generate &amp; test</li> <li>Test the idea that</li> <li>What would happen if</li> <li>How would you test that</li> </ul>	<ul> <li>How can this be explained</li> <li>How would you determine if</li> <li>Based on the experiment, what can be predicted</li> </ul>
Ω	Investigating Examining a past, present, or future situation	<ul><li>Investigate</li><li>Research</li><li>Find out about</li><li>Take a position on</li></ul>	<ul> <li>How &amp; why did this happen</li> <li>What would happen if</li> <li>What are differing features of</li> </ul>
Analysis  Reasoned extensions of knowledge and generation of new information not already processed	Matching Identifying similarities and differences	<ul><li>Compare &amp; contrast</li><li>Categorize</li><li>Sort</li><li>Differentiate</li></ul>	<ul><li>Discriminate</li><li>Distinguish</li><li>Create an analogy or metaphor</li></ul>
	Classifying Identifying the superordinate and subordinate categories	<ul><li>Classify</li><li>Organize</li><li>Sort</li></ul>	<ul><li>Identify different types or categories</li><li>Identify a broader category</li></ul>
	Analyzing Errors Identifying logical or processing errors	Edit     Revise     Identify errors or problems     Evaluate	<ul> <li>Identify issues or misunderstandings</li> <li>Assess</li> <li>Critique</li> <li>Diagnose</li> </ul>
	Generalizing Inferring new generalizations and principles from known information	Form conclusions     Create a principle, generalization, or rule     Trace the development of	<ul> <li>Generalize</li> <li>What conclusions can be drawn</li> <li>What inferences can be made</li> </ul>
	Specifying  Making and defending  predictions about what might or  will happen in a given situation	<ul><li>Make &amp; defend</li><li>Predict</li><li>What would have to happen</li></ul>	<ul><li>Develop an argument for</li><li>Judge</li><li>Under what conditions</li><li>Deduce</li></ul>
Comprehension  Identification of the	Integrating Articulating the critical versus non-critical elements of information	<ul><li>Describe how or why</li><li>Describe the key parts of</li><li>Describe the effects</li></ul>	<ul> <li>Describe the relationship between</li> <li>Explain ways in which</li> <li>Paraphrase</li> <li>Summarize</li> </ul>
attributes of knowledge	Symbolizing Depicting critical elements in nonlinguistic or abstract form	<ul><li>Symbolize</li><li>Depict</li><li>Represent</li><li>Illustrate</li></ul>	<ul><li>Draw</li><li>Show</li><li>Use models</li><li>Diagram</li><li>Chart</li></ul>
OUT of the Head Thinking	Executing  Carrying out a procedure	Use Demonstrate Show	<ul><li>Make</li><li>Draft</li><li>Complete</li></ul>
Retrieval  Activation and transfer of knowledge from	Recalling Producing accurate information	<ul><li>Name</li><li>List</li><li>Describe</li><li>State</li></ul>	<ul><li>Identify who, where, or when</li><li>Describe what</li><li>Exemplify</li></ul>
permanent memory to working memory	Recognizing  Validating the accuracy of information	Recognize (from a list)     Select from (a list)	<ul><li>Identify (from a list)</li><li>Determine (true/false)</li></ul>

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