

Taxonomy of Educational Objectives (Marzano & Kendall, 2008)

Marzano, R. J., & Kendall, J. S. (Eds.). (2008). *Designing and assessing educational objectives: Applying the new taxonomy*. Corwin Press.

Indicator	Cognitive System				Metacognitive System	Self-System
	Retrieval	Comprehension	Analysis	Knowledge Utilization		
Definition	<p>Focuses on recalling and recognizing information.</p>	<p>Involves understanding and interpreting information.</p> <p>Marzano & Kendall categorize this as integrating and symbolizing</p>	<p>Requires breaking down information into parts and understanding its structure.</p> <p>Marzano & Kendall categorize this as: matching, classifying, analyzing errors, generalizing, and specifying</p>	<p>Utilization involves applying knowledge in practical and complex ways.</p> <p>Marzano & Kendall categorize this as: decision making, problem solving, experimenting, and investigating</p>	<p>Responsible for monitoring, evaluating, and regulating one's own learning and problem-solving strategies.</p> <p>Marzano & Kendall categorize this as: specifying goals, process monitoring, monitoring clarity, and monitoring accuracy.</p>	<p>Involves setting goals, maintaining motivation, and reflecting on one's own learning processes and emotional responses.</p> <p>Marzano & Kendall categorize this as: examining importance, examining efficacy, examining emotional response, and examining overall motivation</p>
Verbs	<ul style="list-style-type: none"> • Identify • Label • Locate • retrieve • List • Name • State • Repeat • Reproduce • Perform • Implement • Carry out • Complete • Follow 	<ul style="list-style-type: none"> • Summarize • Paraphrase • Classify • Categorize • Generalize • Diagram • Chart • Illustrate • Translate • Represent • Differentiate • Distinguish • Contrast • Match • Relate 	<ul style="list-style-type: none"> • Outline • Identify • Organize • Differentiate • Dissect • Break down • Analyze • Examine • Scrutinize • Separate • Deduce • Infer • Conclude • Justify • Reason 	<ul style="list-style-type: none"> • Apply • Implement • Carry out • Use • Operate • Evaluate • Assess • Critique • Measure • Compare • Devise • Design • Plan • Create • Construct • Judge • Appraise • Validate • Defend • Justify 	<ul style="list-style-type: none"> • Strategize • Outline • Organize • Prepare • Map out • Track • Observe • Supervise • Oversee • Watch • Appraise • Judge • Review • Critique • Adapt modify • Revise • Alter • Refine • Inquire • Probe • Investigate • Explore • Challenge 	<ul style="list-style-type: none"> • Establish • Determine • Define • Outline • Prioritize • Encourage • Inspire • Energize • Stimulate • Drive • Contemplate • Consider • Introspect • Evaluate • Assess • Manage • Control • Modulate • Balance • Stabilize • Pledge • Dedicate • Devote • Engage • Invest

*Chart adapted from Suskie, L. (2018). *Assessing student learning: A common sense guide*. John Wiley & Sons. (List 4.4, pps. 52-53) as well as Marzano & Kendall (2008). Some action verbs generated via ChatGPT.