

Bloom's Revised Taxonomy Model

Sample Learning Objectives in both Cognitive Process and Knowledge Dimensions

Cognitive Process Dimensions	Knowledge Dimensions	Factual	Conceptual	Procedural	Metacognitive
Remember Retrieve relevant knowledge from long-term memory.	Remember + Factual Students will be able to list primary and secondary colors.	Remember + Conceptual Students will be able to recognize symptoms of exhaustion.	Remember + Procedural Students will be able to recall how to perform CPR.	Remember + Metacognitive Students will be able to identify strategies for retaining information.	
Understand Construct meaning from instructional messages, including oral, written and graphic communication	Understand + Factual Students will be able to summarize features of a new product	Understand+ Conceptual Students will be able to classify adhesives by toxicity.	Understand + Procedural Students will be able to clarify assembly instructions.	Understand + Metacognitive Students will be able to predict one's response to culture shock.	
Apply Carry out or use a procedure in a given situation.	Apply + Factual Students will be able to respond to frequently asked questions.	Analyze + Conceptual Students will be able to differentiate high and low culture.	Apply + Procedural Students will be able to carry out pH tests of water samples.	Apply + Metacognitive Students will be able to use techniques that match one's strengths.	
Analyze Break material into constituent parts and determine how parts relate to one another and to an overall structure or purpose.	Analyze + Factual Students will be able to select the most complete list of activities.	Analyze + Conceptual Students will be able to differentiate high and low culture.	Analyze + Procedural Students will be able to integrate compliance with regulations.	Analyze + Metacognitive Students will be able to deconstruct one's own biases	
Evaluate Make judgments based on criteria and standards.	Evaluate + Factual Students will be able to check for consistency among sources.	Evaluate + Conceptual Students will be able to determine relevance of results.	Evaluate + Procedural Students will be able to judge efficiency of sampling techniques	Evaluate + Metacognitive Students will be able to reflect on one's progress.	
Create Put elements together to form a coherent whole; reorganize into a new pattern or structure	Create + Factual Students will be able to generate a log of daily activities.	Create+ Conceptual Students will be able to Assemble a team of experts.	Create+ Procedural Students will be able to design efficient project workflow.	Create + Metacognitive Students will be able to create a learning portfolio.	