

Bloom's Taxonomy of Cognitive Skills

In 1956, Dr. Benjamin Bloom chaired a committee of educators exploring the idea of creating a classification of learning objectives. The resulting Bloom's Taxonomy is divided into three domains: cognitive, affective, and psychomotor. A revised edition was created in 2000. The following table lists the taxonomy of cognitive skills.

Category	Key Words
Knowledge: Recall data or information.	Key Words: count, define, describe, identify, label, list, match, name, outline, point, quote, read, recognize, record, reproduce, select, state, write
Comprehension: Understand the meaning, translation, interpolation, and interpretation of instructions and problems. State a problem in one's own words.	Key Words: associate, comprehend, convert, defend, distinguish, estimate, explain, extend, generalize, give example, infer, interpret, paraphrase, predict, rewrite, summarize, translate
Application: Use a concept in a new situation or unprompted use of an abstraction. Applies what was learned in the classroom into novel situations in the work place.	Key Words: apply, calculate, change, compute, construct, demonstrate, discover, divide, examine, graph, manipulate, modify, operate, predict, prepare, produce, relate, show, solve, use
Analysis: Separates material or concepts into component parts so that its organizational structure may be understood. Distinguishes between facts and inferences.	Key Words: analyze, break down, compare, contrast, diagram, deconstruct, differentiate, discriminate, distinguish, identify, illustrate, infer, outline, relate, select, separate, subdivide, utilize
Synthesis: Builds a structure or pattern from diverse elements. Put parts together to form a whole, with emphasis on creating a new meaning or structure.	Key Words: categorize, combine, compile, compose, create, devise, design, explain, generate, modify, organize, plan, rearrange, reconstruct, relate, reorganize, revise, rewrite, summarize, tell, write
Evaluation: Make judgments about the value of ideas or materials.	Key Words: appraise, assess, compare, conclude, contrast, criticize, critique, defend, describe, determine, discriminate, evaluate, explain, interpret, judge, justify, measure, rank, relate, summarize, support, test