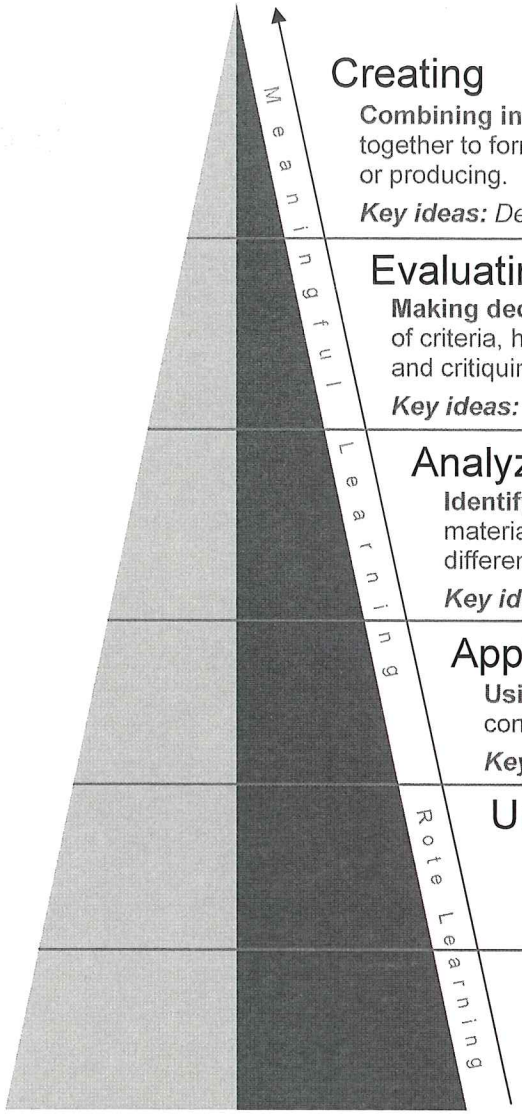
How I Learn

Learning Levels . Bloom's Taxonomy



Creating

Combining information to form a unique thesis, concept, or product - requiring creativity and originality. Putting elements together to form a coherent or functional whole; reorganizing elements into a new pattern or structure through generating, planning, or producing.

Key ideas: *Design, Hypothesize, Invent, Develop, Compose, Estimate, Theorize, Elaborate, Test, Improve, Originate*

Evaluating

Making decisions and supporting views - understanding of values, judging the validity of ideas or quality of work based on a set of criteria, having a profound understanding of the discipline. Making judgments based on criteria and standards through checking and critiquing.

Key ideas: *Judge, Critique, Justify, Recommend, Criticize, Assess, Disprove, Rate, Resolve*

Analyzing

Identifying components - determining arrangement, logic, and semantics to identify organizational structure. Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.

Key ideas: *Analyze, Categorize, Separate, Dissect, Simplify, Deduct, Infer*

Applying

Using information to solve problems - transferring abstract or theoretical ideas to practical situations, identifying connections and relationships and how they apply. Carrying out or using a procedure through executing or implementing.

Key ideas: *What if, Use, Compute, Solve, Demonstrate, Apply, Construct, Build, Experiment*

Understanding

Restating in your own words - paraphrasing, summarizing, translating. Constructing meaning from oral, written, and graphic messages through interpreting, exemplifying, classifying, summarizing, inferring, and explaining.

Key ideas: *Why, How, Explain, Paraphrase, Describe, Illustrate, Compare, Contrast, Interpret, Outline, Map, Rephrase*

Remembering

Memorizing information verbatim - retrieving, recognizing, and recalling relevant knowledge from long-term memory.

Key ideas: *What, Remember, List, Label, State, Define, Choose, Find, Select, Match*

Revision of Bloom's Taxonomy of the Cognitive Domain (Bloom et al., 1956 Forehand, M. . (2005). Bloom's taxonomy: Original and revised. In M. Orey (Ed.), Emerging perspectives on learning, teaching, and technology

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