

Bloom's Taxonomy (Revised) Educational Learning Outcomes

Based on the revised taxonomy by Anderson et al. (2001), The LearnWell Projects (n.d.), Hokkanen (n.d.), and the University of Florida Faculty Center (n.d.)

	Remember Level 1	Understand Level 2	Apply Level 3	Analyze Level 4	Evaluate Level 5	Create Level 6
Description	Define or retrieve knowledge from long-term memory accurately	Paraphrase meaning from instructional messages	Carry out procedures in a specific situation	Break down material into parts	Make judgments based on a set of criteria	Create an original product, put together separate elements into a coherent whole



Students know . . .	the what	the why	the use in other contexts	the distinctions	the implications	their thoughts are complete and unique
Action Verbs	Adjust Choose Cite or quote Count Define Document Identify Label List Match Name Point Read Recall Recite Record or Repeat Reproduce Select Spell State or tell Tabulate Trace Underline Visualize	Associate Categorize Clarify Classify Compare Compute Describe Discuss Distinguish Estimate Exemplify Explain Express Extend Extrapolate Interpolate Illustrate Locate Paraphrase Predict Rank Report Represent Restate Review Summarize	Calculate Complete Compute Demonstrate Determine Dramatize Employ Execute Experiment Extrapolate Generalize Graph Illustrate or sketch Implement Inform Interpret Operate Organize Practice or test Produce Relate Report Restructure Schedule Solve Translate Use	Appraise Attribute Compare Contrast Debate Deconstruct Deduce Demonstrate Diagram Differentiate Discriminate Distinguish Examine Focus Forecast Inquire Inspect Integrate Inventory Organize Outline Predict Question Separate Summarize Structure	Arrange Assemble Assess Check Collect Compose Conclude Coordinate Critique Detect Formulate Imply Judge Measure Monitor Organize Plan Prepare Prescribe Propose Rate Reflect Score or grade Synthesize Test Write	Construct Critique Design Determine Develop Estimate Formulate Generate Judge Hypothesize Perform Plan Present Produce Recommend Revise Synthesize Standardize Validate

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Learning Activities	Fill-in-the-blank questions Lecture Multiple choice Quizzes True/False Peer-/Self-check	Comparison chart Concept map Discussions Short-answer question Peer-/Self-check	Case studies Demonstrations Labs Problem-solving Role play Simulations Sketches	Case studies Debate Discussions Essays Lab reports Presentations Questions Role play Workshop Peer-/Self-check	Case studies Critiques Debates Problems Projects Proposals Simulations Peer review/ Workshop Peer-/Self-check	Artifacts showcase Presentations Projects Blogs/Vlogs Peer review/ Workshop Self-check

Words and Phrases to Avoid

Below is a list of verbs and phrases that are not observable or measurable (Bilon, 2019), and these verbs should not be used when creating learner outcomes.

- Acquainted with
- Adjusted to
- Anxiety
- Appreciate
- Appreciation for
- Attitude of
- Awareness of
- Believe
- Capable of
- Capacity
- Cognizant of
- Comprehend
- Comprehension of
- Conceptualize
- Conscious of
- Depth
- Enjoyment of
- Experience
- Familiar with
- Feel
- Feeling for
- Hear
- Immaturity
- Insecurity
- Intelligence
- Interest in
- Interested in
- Know
- Knowledge of
- Knowledgeable about
- Listen
- Memorize
- Perceive
- Realize
- Recognize
- See
- Self-actualize
- Self-confident in
- Think
- To become
- To reduce
- Understand
- Understanding of
- Value

References

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- Bilon, E. (2019). *Using Bloom's taxonomy to write effective learning objectives*.
- Fayetteville Technical Community College. (2023). *[Bloom's taxonomy chart.]* <https://www2.faytechcc.edu/IEAdocs/Blooms-Taxonomy-Chart.pdf>
- Hokkanen, L. (n.d.). *Bloom's taxonomy: Action verbs and activities*. <https://gme.med.ufl.edu/wordpress/files/2020/12/bloom-taxonomy-action-verbs-and-activities-1-638.pdf>
- The LearnWell Projects. (n.d.). *Learning sufficiency diagram*. <https://thelearnwellprojects.com/resources>
- University of Florida Faculty Center. (n.d.). *Bloom's taxonomy*. <https://fctl.ucf.edu/teaching-resources/course-design/blooms-taxonomy>