





• A statement that defines what a student should know or be able when he/she leaves a given course, degree program, etc.

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8/6/2024













### Bloom's Taxonomy revised

- The new revised version introduced a change to the cognitive domain of Bloom Taxonomy:
  - it shifted the language used from nouns to verbs (see Figure below) and thereby focused the attention away from acquisition and toward active performance of the types of learning involved in each stage of the hierarchy.

"Synthesis" was also dropped and "create"
 moved to the highest level of the domain
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Definitions	I. Remembering	II. Understanding	III. Applying	IV. Analyzing	V. Evaluating	VI. Creating
Bloom's Definition	Exhibitmemory of previously learned material by recalling facts, terms, basic concepts, and answers.	Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas.	Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations.	Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria.	Compile information together in a different way by combining elements in a new pattern or proposing alternative
Verbs	<ul> <li>Choose</li> <li>Define</li> <li>Find</li> <li>How</li> <li>Label</li> <li>Label</li> <li>Label</li> <li>Relate</li> <li>Omit</li> <li>Relate</li> <li>Spell</li> <li>Tell</li> <li>When</li> <li>Wheth</li> <li>Wheth</li> <li>Which</li> <li>Why</li> </ul>	Closhyre Contrast Contrast Demonstrate Explain France Infer ate Infer ate Infer ate Relate Relate Relate Translate	Apply     Bulk     Choose     Construct     Develop     Protection     Protection     Make use of     Make use of     Organize     Plant     Solve     Utilize	Analyze     Arsume     Arsume     Categorize     Classify     Compare     Construction     Construction     Construction     Discover     Discover     Discover     Discover     Discover     Information     Information     Information     Information     Information     Simplify     Survey     Take partin     Test for     Theme	Agree     Apyraise     Apyraise     Asyass     Asyass     Asyass     Asyass     Asyass     Choose     Conclude     Criteria     Criteria     Criteria     Deduct     Deduct     Deduct     Deduct     Defermine     Disprove     Estimate     Explain     Importance     Influence     Influence     Influence     Influence     Mark     Measure     Opinion     Perceive	Adapt     Adapt     Adapt     Build     Consee     Combine     Compose     Compose     Compose     Compose     Construct     Create     Delete     Delete     Delete     Baborate     Imagine     Imagine     Imagine     Imagine     Imagine     Imagine     Imagine     Imagine     Modify     Originat

## Cognitive hierarchy

- Remember
  - Sample learning outcome: Remember the database development lifecycle.
  - Sample assessment/activity: definition of database concepts designed to test the memory of learners.













# Affective hierarchy • Receiving • Sample learning outcome: Listen to other students with respect. • Sample assessment/activity: Be an audience member to another student's presentation, and then write a summary.











# Psychomotor Hierarchy

- · Reflex
  - Sample learning outcome: Instinctively respond to a physical stimulus.
  - Sample assessment/activity: A game of dodgeball.
- Basic fundamental movements
  - Sample learning outcome: Perform a simple action (including running and throwing).
     Sample assessment/activity: A game of

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- Sample assessment/activity: A game
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# Psychomotor Hierarchy Non-discursive communication Sample learning outcome: Express oneself through purposeful movement and activity. Sample assessment/activity: A soccer or other strategic game (football, hockey)



- Sample learning outcome: Use more than one ability to integrate different sensory perceptions.
- Sample assessment/activity: A game of catch or soccer (or other game involving movement and passing).



