

## ***Bloom's Taxonomy***

1. **Knowledge:** arrange, define, duplicate, label, list, memorize, name, order, recognize, relate, recall, repeat, reproduce, state.
2. **Comprehension:** classify, describe, discuss, explain, express, identify, indicate, locate, recognize, report, restate, review, select, translate.
3. **Application:** apply, choose, demonstrate, dramatize, employ, illustrate, interpret, operate, practice, schedule, sketch, solve, use, write.
4. **Analysis:** analyze, appraise, calculate, categorize, compare, contrast, criticize, differentiate, discriminate, distinguish, examine, experiment, question, test.
5. **Synthesis:** arrange, assemble, collect, compose, construct, create, design, develop, formulate, manage, organize, plan, prepare, propose, set up, write.
6. **Evaluation:** appraise, argue, assess, attach, choose, compare, defend, estimate, judge, predict, rate, core, select, support, value, evaluate.

\* Adapted from: Bloom, B.S. (Ed.) (1956) *Taxonomy of educational objectives: The classification of educational goals: Handbook I, cognitive domain*. New York; Toronto: Longmans, Green.

Benjamin Bloom created this taxonomy for categorizing *levels of abstraction of questions* commonly used in education

**Competence**

**Demonstrated Skills**

**1. Knowledge**

observation and recall of information  
knowledge of dates, events, places  
knowledge of major ideas  
mastery of subject matter

*Question Cues:* list, define, tell, describe, identify, show, label, collect, examine, tabulate, quote, name, who, when, where

**2. Comprehension**

understanding information  
grasp meaning  
translate knowledge into new context  
interpret facts, compare, contrast  
order, group, infer causes  
predict consequences

*Question Cues:* summarize, describe, interpret, contrast, predict, associate, distinguish, estimate, differentiate, discuss, extend

**3. Application**

use information  
use methods, concepts, theories in new situations  
solve problems using required skills or knowledge

*Question Cues:* apply, demonstrate, calculate, complete, illustrate, show, solve, examine, modify, relate, change, classify, experiment, discover

**4. Analysis**

seeing patterns  
organization of parts  
recognition of hidden meanings  
identification of components

*Question Cues:* analyze, separate, order, explain, connect, classify, arrange, divide, compare, select, explain, infer

**5. Synthesis**

use old ideas to create new ones  
generalize from given facts  
relate knowledge from several areas  
predict, draw conclusions

*Question Cues:* combine, integrate, modify, rearrange, substitute, plan, create, design, invent, what if?, compose, formulate, prepare, generalize, rewrite

**6. Evaluation**

compare and discriminate between ideas  
assess value of theories, presentations  
make choices based on reasoned argument  
verify value of evidence  
recognize subjectivity

*Question Cues* assess, decide, rank, grade, test, measure, recommend, convince, select, judge, explain, discriminate, support, conclude, compare, summarize