Bloom's Taxonomy
of the Cognitive Domain
Project LEA/RNTM - Iowa State University

The categories are listed in increasing order of complexity with verbs that illustrate the thought processes involved for each category.

**Category 1: Knowledge** - defined (here) as remembering or recalling previously learned information

Define, identify, label, list, locate, match, recall, restate

**Category 2: Comprehension** - grasping (understanding) the meaning of learned information

Classify, compare, convert, describe, estimate, explain, generalize, give examples, paraphrase, summarize

**Category 3: Application** - using learned information in new and concrete situations to solve problems that have single (or best) answers

Apply, assess, calculate, construct, demonstrate, determine, discover, extend, implement, practice, relate, solve, transfer, use

**Category 4: Analysis** - breaking learned information into component parts to understand relationships and make inferences

Analyze, break down, contrast, deduce, diagram differentiate, distinguish, infer, outline, prioritize, recognize, subdivide

**Category 5: Synthesis** - creatively applying learned information to produce a new whole

Compose, create, design, formulate, integrate, produce, rearrange, reconstruct, substitute, predict

**Category 6: Evaluation** - judging the value of information based on personal values or opinions

Interpret, appraise, assess, criticize, evaluate, judge, support, defend, justify, translate, confront

Bloom's Cognitive Taxonomy
Samples & Starters
Project LEA/RN™ - Iowa State University

Category 1: Knowledge - recalling factual information

1. Name the three branches of government.
2. Where and when does the story take place?
3. What is the definition of a verb?
4. List the steps in __.
5. Identify the main __.
6. What does ___ stand for?
7. What is the formula for ___?
8. Where do ___ come from?

Category 2: Comprehension - using information

1. Summarize the paragraph in your own words.
2. Write a paragraph that explains the duties of the mayor.
3. Give an example from the story that shows the main character was concerned about the success of others.
4. What is the difference between ___ and ___?
5. What are some similarities between ___ and ___?
6. Compare ___ and ___.
7. According to the statistics, which ___?

Category 3: Application - applying principles

1. Use each vocabulary word in a sentence.
2. Calculate the area of our classroom.
3. Think of three situations in which we would use this formula.
4. If __, how many ___?
5. Use your knowledge of ___ to ___.
6. Using __, build ___.
7. Remembering the __ ___.

Category 4: Analysis - explaining relationships/making inferences
1. Compare and contrast the post-Civil War period with the post-Vietnam War period.
2. Sort this collection of rocks into three categories.
3. Which events in the story are fantasy and which really happened?
4. What are the components of __?
5. If __, then __.
6. What other conclusions can you reach about __ that have not yet been mentioned?
7. The difference between the fact and the hypothesis is __.
8. The solution would be to __.
9. What is the pattern of __?
10. What material/factor/etc. is the most valuable in enabling __ to __?

Category 5: Synthesis - making predictions/creating
1. Design a different way to solve this problem.
2. Formulate a hypothesis that might explain the results of these three experiments.
4. Pretend you were a participant in the Boston Tea Party and write a diary entry that tells what happened.
5. Devise an original plan or experiment for __.
6. Change __ so that it will __.
7. Propose a method to __.
8. Prescribe a new way to __.
9. Speculate on questions that experts in the field need to answer to solve the problem of __.

Category 6: Evaluation - making judgments or stating opinions
1. Is violence ever justified in correcting injustices? Why or why not?
2. Which of the environments we've studied seems like the best place for you to live? Defend your answer.
3. What solution do you favor and why?
4. Which systems are best? Worst? Why?
5. Rate the relative value of these ideas to __.
6. In your opinion __.
7. Appraise the chances for __.
8. Grade or rank the __.
9. What do you think the outcome will be?