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<th>Taxonomy</th>
<th>Definition</th>
<th>Related LEARNING VERBS</th>
<th>What the Student Does</th>
<th>What the Teacher Does</th>
<th>Assessments</th>
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<tr>
<td><strong>Remember</strong></td>
<td>Recall specific bits of information</td>
<td>Tell, list, describe, name, repeat, remember, recall, identify, state, select, match, know, locate, report, recognize, observe, choose, who, what, where, when, cite, define, indicate, label, memorize, outline, record, relate, reproduce, underline</td>
<td>Responds</td>
<td>Absorbs</td>
<td>Students recognize, recall or find information.</td>
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<td><strong>Understand</strong></td>
<td>Construct meaning from information</td>
<td>Explain, restate, find, describe, review, relate, define, clarify, illustrate, diagram, outline, summarize, interpret, paraphrase, transform, compare similarities and differences, derive main idea, arrange, convert, defend, discuss, discuss, estimate, extend, generalize, give examples, locate, report, translate</td>
<td>Explains</td>
<td>Translates</td>
<td>Students organize previously learned material, rephrase it, describe it in their own words, use it for making comparisons, change from one form of representation to another.</td>
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<tr>
<td><strong>Apply</strong></td>
<td>Use methods, concepts, principles, and theories in new situations</td>
<td>Apply, practice, employ, solve, use, demonstrate, illustrate, show, report, paint, draw, collect, dramatize, classify, put in order, change, compute, construct, interpret, investigate, manipulate, modify, operate, organize, predict, prepare, produce, schedule, sketch, translate</td>
<td>Solves novel problems</td>
<td>Demonstrates</td>
<td>Students use previously learned information in order to solve a problem or to complete familiar or unfamiliar tasks.</td>
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<td><strong>Analyze</strong></td>
<td>Identify how parts relate to one another or to a larger structure/purpose</td>
<td>Analyze, dissect, detect, test, deconstruct, discriminate, distinguish, examine, focus, find coherence, survey, compare, contrast, classify, investigate, outline, separate, structure, categorize, solve, diagram, determine evidence and conclusions, appraise, break down, calculate, criticize, debate, experiment, identify, illustrate, infer, inspect, inventory, question, relate, select</td>
<td>Discusses</td>
<td>Uncovers</td>
<td>Students will 1) identify reasons, causes, &amp; motives; 2) consider available evidence to reach a conclusion, inference or generalization; 3) analyze a conclusion, inference or generalization to find supporting evidence.</td>
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<td><strong>Evaluate</strong></td>
<td>Judge the value of something based on criteria, processes, or standards</td>
<td>Coordinate, judge, select/choose, decide, debate, evaluate, justify, recommend, verify, monitor, measure, the best way, what worked, what could have been different, what is your opinion, test, appraise, assess, compare, conclude, contrast, criticize, discriminate, estimate, explain, grade, interpret, rate, relate, revise, score, summarize, support, value</td>
<td>Judges</td>
<td>Disputes</td>
<td>Students judge the merit and value of an idea, a solution to a problem, an aesthetic work, etc.</td>
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<td><strong>Create</strong></td>
<td>Generate a coherent functional whole; recognize new patterns</td>
<td>Create, hypothesize, design, construct, invent, imagine, discover, present, deduce, induce, bring together, compose, pretend, predict, organize, plan, modify, improve, suppose, produce, set up, what if, propose, formulate, solve (more than one answer), arrange, assemble, categorize, collect, combine, devise, explain, generate, manage, perform, prepare, rearrange, reconstruct, relate, reorganize, revise, argue for</td>
<td>Generate</td>
<td>Hypothesize</td>
<td>Students will 1) produce original work or communication; 2) make predictions; 3) solve problems; 4) invent, hypothesize, devise a procedure; argue for a position; present a work of art or music to be juried</td>
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### Examples of Verbs for Specifying Learned Behaviors at Each Level of the Cognitive Domain

#### If you want students to **recall**
- Know common terms
- Know specific facts
- Know methods and procedures
- Know basic concepts
- Know principles

**Ask them to**
- Recall, identify, describe, define, cite, count, list, name, memorize, match, tell who or what, label, fill in the blank, reproduce, select, state, outline, record, underline

#### If you want students to **comprehend**
- Understand facts and principles
- Interpret verbal material
- Interpret charts and graphs
- Translate verbal material to mathematical formula
- Estimate future consequences implied in data
- Justify methods and procedures

**Ask them to**
- Summarize, paraphrase, translate, explain, interpret, convert, defend, write a short answer, distinguish, estimate, generalize, give examples, infer, predict, compute, identify, rewrite in their own words, restate, review

#### If you want students to **apply**
- Apply concepts and principles to new situations
- Apply laws and theories to practical situation
- Solve mathematical problems
- Construct charts and graphs
- Demonstrate correct usage of a method or procedures

**Ask them to**
- Apply, show, make, illustrate, demonstrate, teach, use, tell how…, change, compute, manipulate, modify, operate, predict, prepare, produce, solve, calculate, employ, examine, practice, interpret

#### If you want students to **analyze**
- Recognize unstated assumptions
- Recognize logical fallacies in reasoning
- Distinguish between facts and inferences
- Evaluate the relevancy of data
- Analyze the organizational structure of a work

**Ask them to**
- Compare, contrast, classify, categorize, dissect, distinguish, determine, deduce, investigate, break down, diagram, infer, differentiate, discriminate, identify, outline, separate, subdivide, debate, test, examine
If you want students to **synthesize**

- Write a well organized theme
- Give a well organized speech
- Produce a design, prediction, hypothesis, invention, formula, solution, synthesis, project, or plan

Ask them to

- Categorize, combine, compile, compose, create, design, predict, hypothesize, invent, solve, infer, imagine, devise, explain, generate, modify, organize, reconstruct, revise, reorganize, write, arrange, assemble, construct, formulate, integrate, prescribe, propose, plan, manage

If you want students to **evaluate**

- Judge the logical consistency of written material
- Judge the adequacy with which conclusions are supported by data
- Judge the value of a work by using internal criteria
- Judge the value of a work by using external standards of excellence

Ask them to

- Appraise, compare, conclude, contrast, criticize, describe, discriminate, explain, justify, interpret, summarize, support, assess, choose, estimate, rank, score select

**Adapted from:**

