



Technology
Accreditation
Canada

Agrément en
Technologie du
Canada

Cognitive Verb Learning Level Guide

Cognitive Domain Verbs by Level

Based on Bloom’s revised Taxonomy of Learning by Anderson and Krathwohl in 2001, there are six major levels of cognitive processes, including the recall or recognition of specific facts, procedural patterns and concepts. The levels can be thought of as degrees of difficulties, starting from the simplest to the most complex. That is, the first one must normally be mastered before the next one can be achieved.

| Level | Definition |
|---------------|---|
| Remembering | Exhibit memory of previously learned material by recalling facts, terms, basic concepts and answers. |
| Understanding | Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas. |
| Applying | Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way. |
| Analyzing | Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. |
| Evaluating | Present and defend opinions by making judgments about information, validity of ideas or quality of work based on a set of criteria. |
| Creating | Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions. |

| | | Technician Level | | Technologist Level | |
|----------------|------------------|------------------|---------------|--------------------|-------------|
| 1. Remembering | 2. Understanding | 3. Applying | 4. Analyzing | 5. Evaluating | 6. Creating |
| choose | classify | access | analyze | agree | adapt |
| define | compare | apply | assume | appraise | assemble |
| find | contrast | build | breakdown | assess | categorize |
| label | convert | calculate | classify | audit | combine |
| list | defend | calibrate | correct | check | compile |
| match | describe | change | determine | compare | compose |
| memorize | distinguish | collaborate | diagram | conclude | configure |
| name | explain | collect | differentiate | contrast | construct |
| omit | express | communicate | discriminate | criticize | create |
| outline | extend | compute | dissect | critique | derive |
| quote | extrapolate | conceptualize | discuss | defend | design |
| recall | illustrate | conduct | distinguish | detect | explain |
| recognize | infer | contribute to | divide | diagnose | formulate |
| record | located | deconstruct | examine | estimate | generalize |
| relate | paraphrase | demonstrate | function | evaluate | generate |
| reproduce | predict | deploy | identify | interpret | integrate |
| | report | develop | illustrate | judge | manage |
| | restate | discover | infer | justify | modify |
| | review | document | inspect | prioritize | organize |
| | sequence | implement | relate | rank | originate |
| | summarize | install | resolve | rate | plan |
| | translate | maintain | simplify | recommend | predict |
| | | manipulate | survey | research | program |
| | | measure | | select | propose |
| | | monitor | | test | rearrange |
| | | operate | | validate | reconstruct |
| | | perform | | verify | revise |
| | | prepare | | | rewrite |
| | | present | | | specify |
| | | process | | | suppose |
| | | produce | | | |
| | | sample | | | |
| | | schedule | | | |
| | | service | | | |
| | | sketch | | | |
| | | solve | | | |
| | | support | | | |
| | | troubleshoot | | | |
| | | utilize | | | |
| | | write | | | |