Verbs Requiring Cognitive Outcomes

**Knowledge**

To remember previously learned material.

**Recall:**

- define
- repeat
- record
- list
- name
- relate
- underline
- recall
- inquire
- record
- recognize
- match
- memorize
- select
- distinguish
- identify
- label

**Comprehension**

- translate
- restate
- discuss
- describe
- recognize
- explain
- express
- identify
- locate
- report
- review
- tell
- change
- rearrange
- give example
- illustrate
- comment
- transform
- demonstrate
- infer
- generalize
- interpret
- summarize

**Application**

- interpret
- apply
- employ
- use
- demonstrate
- dramatize
- practice
- illustrate
- operate
- schedule
- shop
- sketch
- organize
- reconstruct
- solve
- transfer
- generalize
- choose
- classify
- calculate

**Analysis**

- distinguish
- analyze
- differentiate
- appraise
- calculate
- experiment
- test
- compare
- contrast
- criticize
- diagram
- inspect
- debate
- inventory
- question
- relate
- solve
- examine
- categorize
- discriminate
- deduce
- put into list
- describe
- classify
- categorize

**Synthesis**

- compose
- plan
- propose
- design
- arrange
- assemble
- construct
- create
- set up
- organize
- prepare
- solve
- produce

**Evaluation**

- judge
- appraise
- evaluate
- rate
- compare
- value
- revise
- select
- choose
- assess
- consider
- conclude
- weigh
- criticize
- assess
**Comprehension:**
To grasp the meaning of the knowledge being learned and be able to paraphrase or explain it.

**Application:**
The ability to use learned information and materials.

**Analysis:**
The ability to break material down into its elements or parts so that its organizational structure may be understood.

**Synthesis:**
The ability to combine previous experience with new material to form a structure.

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**Verbs Requiring Affective Outcomes**

**Receiving:**
Awareness, willingness to receive, and controlled attention.

- accept
- attend
- develops
- realize
- receive
- recognize

**Responding:**
Compliance in reacting to a suggestion, willingness to respond, and satisfaction in response.

- behave
- believe
- defends
- devote
- examine
- prefer
- pursue
- seek
- value
- balance
- discriminate
- display
- favor
- judge
- order
- organize
- relate
- systematize
- weigh
- codify
- defends
- favor
- judge
- order
- organize
- relate
- systematize
- weigh

**Characterization:**
Internalize

(Formal instruction does not address)

- internalize
Valuing: Accepting a value as a belief, indication of preference for the value, and commitment.

Organizing: Conceptualization of a value in abstract or symbolic terms and organization of a value system.

Characterization: The individual acts consistently in accordance with the values he/she has internalized.

Verbs Requiring Psychomotor Outcomes

<table>
<thead>
<tr>
<th>Simple</th>
<th>Complex</th>
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- Perception
  - Set
    - Physical
      - Determine
  - Guided Response
    - Copy
      - Demonstrate
    - Build
      - Illustrate
    - Indicate
      - Manipulate
  - Mechanism
    - Adjust
      - Coordinate
    - Operate
      - Operate

- Adaptation
  - Complex
    - Overt Response
      - Calibrate
      - Develop
    - Supply
      - Adapt
      - Design
      - Produce

- Origination
  - Construct
  - Create
| distinguish | adjust  | discover | e  |   |
| hear        | locate  | duplicate| mix| set up |
| recognize   | place   | imitate  |    |      |
| relate      | position| inject   |    |      |
| sense       | prepare | repeat   |    |      |
| smell       |         |          |    |      |
| taste       |         |          |    |      |
| touch       |         |          |    |      |

**Perception:** Involves sensitivity to a situation object, or relationship that normally leads to action.

**Preparation:** Involves readiness to perform.

**Orientation:** Involves the discovery and/or decision of the response(s) which must be made.

**Pattern:** Involves a learned response that is habitual; presentation is smooth and the presenter has confidence in his ability.

**Performance:** Involves a complex motor action, carried out with a high degree of skill. (May be thought of as “motor synthesis”.)