# COGNITIVE DOMAIN

Learning Outcomes Related To Knowledge

<table>
<thead>
<tr>
<th>Knowledge</th>
<th>Comprehension</th>
<th>Application</th>
<th>Analysis</th>
<th>Synthesis</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student remembers or recognizes information or specifics as communicated with little personal assimilation.</td>
<td>Student grasps the meaning behind the information and interprets, translates, or comprehends the information.</td>
<td>Student uses information to relate and apply it to a new situation with minimal instructor input.</td>
<td>Student discriminates, organizes, and scrutinizes assumptions in an attempt to identify evidence for a conclusion.</td>
<td>Student creatively applies knowledge and analysis to integrate concepts or construct an overall theory.</td>
<td>Student judges or evaluates information based upon standards and criteria, values and opinions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cite</th>
<th>Label</th>
<th>List</th>
<th>Enumerate</th>
<th>Identify</th>
<th>Imitate</th>
<th>Match</th>
<th>Name</th>
<th>Quote</th>
<th>Recall</th>
<th>Reproduce</th>
<th>State</th>
<th>Write</th>
</tr>
</thead>
<tbody>
<tr>
<td>Convert</td>
<td>Define</td>
<td>Describe</td>
<td>Discuss</td>
<td>Estimate</td>
<td>Explain</td>
<td>Generalize</td>
<td>Identify</td>
<td>Illustrate</td>
<td>Locate</td>
<td>Paraphrase</td>
<td>Restate</td>
<td>Summarize</td>
</tr>
<tr>
<td>Apply</td>
<td>Chart</td>
<td>Compute</td>
<td>Demonstrate</td>
<td>Determine</td>
<td>Dramatize</td>
<td>Establish</td>
<td>Make</td>
<td>Manipulate</td>
<td>Prepare</td>
<td>Project</td>
<td>Solve</td>
<td>Use</td>
</tr>
<tr>
<td>Analyze</td>
<td>Compare</td>
<td>Contrast</td>
<td>Correlate</td>
<td>Diagram</td>
<td>Dissect</td>
<td>Differentiate</td>
<td>Distinguish</td>
<td>Infer</td>
<td>Investigate</td>
<td>Limit</td>
<td>Outline</td>
<td>Separate</td>
</tr>
<tr>
<td>Assemble</td>
<td>Create</td>
<td>Construct</td>
<td>Design</td>
<td>Develop</td>
<td>Formulate</td>
<td>Generate</td>
<td>Hypothesize</td>
<td>Initiate</td>
<td>Invent</td>
<td>Modify</td>
<td>Reframe</td>
<td>Synthesize</td>
</tr>
<tr>
<td>Access</td>
<td>Appraise</td>
<td>Conclude</td>
<td>Critique</td>
<td>Decide</td>
<td>Defend</td>
<td>Diagnose</td>
<td>Evaluate</td>
<td>Judge</td>
<td>Justify</td>
<td>Rank</td>
<td>Recommend</td>
<td>Support</td>
</tr>
</tbody>
</table>

## Basic Knowledge Level

## More Sophisticated Higher Level Thinking Critical Thinking
## PSYCHOMOTOR DOMAIN

Learning Outcomes Related To Skills

<table>
<thead>
<tr>
<th>Observe</th>
<th>Model</th>
<th>Recognize Standards</th>
<th>Correct</th>
<th>Apply</th>
<th>Coach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students translate sensory input into physical tasks or activities.</td>
<td>Students are able to replicate a fundamental skill or task.</td>
<td>Students recognize standards or criteria important to perform a skill or task correctly.</td>
<td>Students use standards to evaluate their own performances and make corrections.</td>
<td>Students apply this skill to real life situations.</td>
<td>Students are able to instruct or train others to perform this skill in other situations.</td>
</tr>
</tbody>
</table>

- Hear
- Identify
- Observe
- See
- Smell
- Taste
- Touch
- Watch

*Usually no outcomes written at this level.*

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<th>Coach</th>
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</thead>
<tbody>
<tr>
<td>Attempt</td>
<td>Copy</td>
<td>Follow</td>
<td>Detect</td>
<td>Adapt</td>
<td>Build</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Imitate</td>
<td>Discriminate</td>
<td>Adjust</td>
<td>Compose</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mimic</td>
<td>Differentiate</td>
<td>Change</td>
<td>Construct</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Model</td>
<td>Distinguish</td>
<td>Correct</td>
<td>Create</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reenact</td>
<td>Notice</td>
<td>Customize</td>
<td>Design</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Repeat</td>
<td>Perceive</td>
<td>Develop</td>
<td>Originate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reproduce</td>
<td>Recognize</td>
<td>Improve</td>
<td>Produce</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Show</td>
<td>Select</td>
<td>Manipulate</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Try</td>
<td></td>
<td>Modify</td>
<td></td>
</tr>
</tbody>
</table>

- Build
- Compose
- Construct
- Create
- Design
- Originate
- Produce
- Demonstrate
- Exhibit
- Illustrate
- Instruct
- Teach
- Train

### Basic Knowledge
- Basic Skill
- Level

### More Sophisticated
### Higher Level Abilities
### Critical understanding of Performance
### AFFECIVE DOMAIN
Learning Outcomes Related To Attitudes, Behaviors, and Value

<table>
<thead>
<tr>
<th>Receiving</th>
<th>Responding</th>
<th>Valuing</th>
<th>Organizing</th>
<th>Characterizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students become aware of an attitude, behavior, or value.</td>
<td>Students exhibit a reaction or change as a result of exposure to an attitude, behavior, or value.</td>
<td>Students recognize value and display this through involvement or commitment.</td>
<td>Students determine a new value or behavior as important or a priority.</td>
<td>Students integrate consistent behavior as a naturalized value in spite of discomfort or cost. The value is recognized as a part of the person’s character.</td>
</tr>
</tbody>
</table>

- **Accept**
- **Attend**
- **Describe**
- **Explain**
- **Locate**
- **Observe**
- **Realize**
- **Receive**
- **Recognize**

- **Behave**
- **Comply**
- **Cooperate**
- **Discuss**
- **Examine**
- **Follow**
- **Model**
- **Present**
- **Respond**
- **Show**
- **Studies**

- **Accept**
- **Adapt**
- **Balance**
- **Choose**
- **Differentiate**
- **Defend**
- **Influence**
- **Prefer**
- **Recognize**
- **Seek**
- **Value**

- **Adapt**
- **Adjust**
- **Alter**
- **Change**
- **Customize**
- **Develop**
- **Improve**
- **Manipulate**
- **Modify**
- **Practice**
- **Revise**

- **Authenticate**
- **Characterize**
- **Defend**
- **Display**
- **Embody**
- **Habitate**
- **Internalize**
- **Produce**
- **Represent**
- **Validate**
- **Verify**

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**Elementary Values and Behaviors**

**Inherited Value System**

**Egocentric View**

**More Highly Developed Attitudes**

**Well Thought-out Value System**

**Higher Level Abilities to Identify and Articulate Others’ Values**