# Learning Taxonomy Levels for Developing Competencies & Learning Outcomes (for the Cognitive and Affective Domains) Reference Guide

**Bloom’s Taxonomy Levels (revised using Anderson & Krathwohl)**

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<th>Cognitive Domain (evidence of change in knowledge, e.g. facilities for facts and figures, conceptual frameworks, and/or metacognition)</th>
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<td><strong>Description of Levels</strong></td>
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* the listed verbs represent a few of the more prominent examples from a very wide range of possible action verbs and there will be cases where the verb could fall into more than one category
### Affective Domain (evidence of change in attitudes, e.g. motivational dispositions, perceptions, values, and/or opinions)

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<th>Bloom’s Taxonomy Levels (revised)</th>
<th>Level 1: Receive</th>
<th>Level 2: Respond</th>
<th>Level 3: Value</th>
<th>Level 4: Organize</th>
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**Description of Levels**
- Level 1: Receive
  - Be open to experience and willing to hear
- Level 2: Respond
  - React and actively participate
- Level 3: Value
  - Attach value and express personal opinions
- Level 4: Organize
  - Bring together and resolve internal conflicts
- Level 5: Characterize by Value
  - Adopt belief systems and philosophies

**Action Verbs**
- Acknowledge, ask, attend, be open to, concentrate, do, discuss, follow, read, take part
- Agree, ask, cite, clarify, communicate, cooperate, contribute, cite, describe, discuss, identify, react, report, respond, select
- Accept, adopt, approve, argue, contribute, encourage, evaluate, initiate, justify, maintain, monitor, support, confront, criticize, debate, persuade, propose, refute
- Adapt, adhere, alter, arrange, categorize, classify, compare, design, explain, formulate, modify, organize rate, revise, synthesize, test
- Act, advocate, characterize, conform, devote, defend, disclose, discriminate, display, exemplify, incorporate, justify, maintain, promote, uphold, use

**Instructional Strategies**
- Lectures, symposia, discussions, computer-based tutorials, synchronous online forums
- Lectures, panel discussions, small group activities, didactic questions, scenarios, role playing
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**Evaluation Methods**
- Reflective papers, persuasive papers, journal writing, focus groups, self-report, portfolios, debates, minute papers, pre/post self-assessment, pre-/post-tests

*The listed verbs represent a few of the more prominent examples from a very wide range of possible action verbs and there will be cases where the verb could fall into more than one category.*

Materials adapted from:

