

WRITING WORKSHOP OBJECTIVES

Description of the Major Categories in the Cognitive Domain	Illustrative General Instructional Objectives	Additional Terms for Stating Specific Learning Outcomes
<p><u>Knowledge</u> Knowledge is defined as the remembering of previously learned material. This may involve the recall of a wide range of material, from specific facts to complete theories, but all that is required is the bringing to mind of the appropriate information. Knowledge represents the lowest level of learning outcomes in the cognitive domain.</p>	<ul style="list-style-type: none"> • Knows common terms and specific facts. • Knows methods and procedures. • Knows basic concepts and principles. 	<p>Defines, describes, identifies, labels, lists, matches, names, outlines, reproduces, selects, states.</p>
<p><u>Comprehension</u> Comprehension is defined as the ability to grasp the meaning of material. This may be shown by translating material from one form to another (words to numbers), by interpreting material (explaining or summarizing), and by estimating future trends (predicting consequences or effects). These learning outcomes go one step beyond the simple remembering of material, and represent the lowest level of understanding.</p>	<ul style="list-style-type: none"> • Understands facts and principles • Interprets verbal material • Interprets charts and graphs • Translates verbal material to mathematical formulas • Estimates future consequences implied in data • Justifies methods and procedures 	<p>Converts, defends, distinguishes, estimates, explains, extends, generalizes, gives examples, infers, paraphrases, predicts, rewrites, summarizes</p>
<p><u>Application</u> Application refers to the ability to use learned material in new and concrete situations. This may include the application of such things as rules, methods, concepts, principles, laws and theories. Learning outcomes in this area require a higher level of understanding than those under comprehension.</p>	<ul style="list-style-type: none"> • Applies concepts and principles to new situations • Applies laws and theories to practical situations • Solves mathematical problems • Constructs charts and graphs • Demonstrates correct usage of a method or procedure 	<p>Changes, computes, demonstrates, discovers, manipulates, modifies, operates, predicts, prepares, produces, relates, shows, solves, uses</p>
<p><u>Analysis</u> Analysis refers to the ability to break down material into its component parts so that its organizational structure may be understood. This may include the identification of the parts, analysis of the relationships between parts, and recognition of the organizational principles involved. Learning outcomes here represent a higher intellectual level than comprehension and application because they require an understanding of both the content and the structural form of the material.</p>	<ul style="list-style-type: none"> • Recognizes unstated assumptions • Recognized logical fallacies in reasoning • Distinguishes between facts and inferences • Evaluates the relevancy of data • Analyzes the organizational structure of a work (art, music, writing) 	<p>Breaks down, diagrams, differentiates, discriminates, distinguishes, identifies, illustrates, infers, outlines, points out, relates, selects, separates, subdivides</p>
<p><u>Synthesis</u> Synthesis refers to the ability to put parts together to form a new whole. This may involve the production of a unique communication (theme or speech), a plan of operations (research proposal), or a set of abstract relations (scheme for classifying information). Learning outcomes in this area stress creative behaviors, with major emphasis on the formulation of new patterns or structures.</p>	<ul style="list-style-type: none"> • Writes a well organized theme • Gives a well organized speech • Writes a creative short story (or poem, or music) • Proposes a plan for an experiment • Integrates learning from different areas into a plan for solving a problem • Formulates a new scheme for classifying objects (or events, or ideas) 	<p>Categorizes, combines, compiles, composes, creates, devises, designs, explains, generates, modifies, organizes, plans, rearranges, reconstructs, relates, reorganizes, revises, rewrites, summarized, tells, writes,</p>

<p><u>Evaluation</u></p> <p>Evaluation is concerned with the ability to judge the value of material (statement, novel, poem, research report) for a given purpose. The judgments are to be based on definite criteria. These may be internal criteria (organization) or external criteria (relevance to the purpose) and the students may determine the criteria or be given them. Learning outcomes in this area are highest in the cognitive hierarchy because they contain elements of all of the other categories, plus conscious value judgments based on clearly defined criteria.</p>	<ul style="list-style-type: none"> • Judges the logical consistency of written material • Judges the adequacy with which conclusions are supported by data • Judges the value of a work (art, music, writing) by use of internal criteria • Judges the value of a work (art, music, writing) by use of external standards of excellence 	<p>Appraises, compares, concludes, contrasts, criticizes, describes, discriminates, explains, justifies, interprets, relates, summarizes, supports</p>
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HELPFUL HINTS FOR WRITING WORKSHOP OBJECTIVES

Behavioral Objectives:

- Describe observable and measureable changes in participant's behavior by using an action verb.
- Describe what the participant will know, be able to do, and/or feel, value or believe at the end of the offering.
- Describe participant's behavior – not the instructor's.
- Describe only one outcome per objective.
- Are broad and general in scope.
- Are derived from the needs assessment.
- Are related to the content and purpose of the workshop.
- Are usually few in number (1 – 2 per hour of content).

Examples:

Inappropriate:

Understand the importance of learning objectives

Appropriate:

At the end of the presentation the participant will be able to:

- List components of the nursing process
- Discuss nursing measures to reduce anxiety
- Write learning objectives in behavioral terms
- Explain the importance of learning objectives

