

Scaffolding Measureable Objectives

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March 24, 2015



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Today's Objectives

1. Examine levels of objectives.
2. Review components of objectives.
3. Discuss how to adapt levels of objectives.



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Behavioral Objective

A description of a performance you want learners to exhibit before you consider them competent.

Essential knowledge, skills and attitudes (KSA)



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Levels of Objectives

- Program (Outcomes)
 - KSAs of program graduates
- Course (Goals)
 - KSAs identified for subject area
- Instructional
 - Detailed KSAs with conditions and criteria



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Example

- Program
 - Graduates of the program will be able to communicate effectively in speech and in writing.
- Course (Research)
 - The learner will be able to critically analyze a research study.



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Example (con't)

- Instructional
 - Given a research journal article, the learner will be able to critique the strength of the author's work based on four elements in a 5-page paper.



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Measurable Objective

- Learner
- Performance (behavior)
- Condition (given, environment)
- Criterion (to what extent)



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Examine the Objective

Given a research journal article, *the learner* will be able to critique the strength of the author's work based on four elements in a 5-page paper.



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Examine the Objective

Given a research journal article, *the learner* will be able to **critique the strength of the author's work** based on four elements in a 5-page paper.



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Examine the Objective

Given a research journal article, *the learner* will be able to **critique the strength of the author's work** based on four elements in a 5-page paper.

Critique a research study.



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Examine the Objective

Given a research journal article, *the learner* will be able to **critique the strength of the author's work** based on **four elements in a 5-page paper.**

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Process Overview

- What behavior?
- What level of performance?
- With what?
- How to measure?



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First Question

What behavior do I want the learner to demonstrate after the educational activity?



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What Learning Domain is it?

- Cognitive
 - Intellectual learning and problem solving
- Psychomotor
 - Physical movement and motor skills, dexterity and coordination
- Affective
 - Emotions, attitudes and value system



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Identify the Verb

Remember, the verb alone does not determine the domain level of the objective.

Given a research journal article, the learner will be able to critique the strength of the author's work based on four elements in a 5-page paper.

Critique a research study.



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Identify the Condition

- Where
- What
- When



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Identify the Criterion

- To what extent
- What shows the KSAs
- Competence
- Mastery



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Process Overview

- What behavior?
- What level of performance?
- With what?
- How to measure?



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Review

- Program
 - Graduates of the program will be able to communicate effectively in speech and in writing.
- Course (Research)
 - The learner will be able to analyze a research study.



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Instructional

Critique a research study.

- Identify the elements of a research article.
- Given a research journal article, the learner will be able to critique the strength of the author's work based on four elements in a 5-page paper.



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Key points

- Only one verb per objective
- Avoid adverbs and adjectives
 - Effectively, professionally, etc.
- Make the connections across instructional, course and program objectives (thread)
- S. M. A. R. T.



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S. M. A. R. T.

- **S**pecific
- **M**easureable
- **A**ttainable
- **R**ealistic
- **T**ime-based



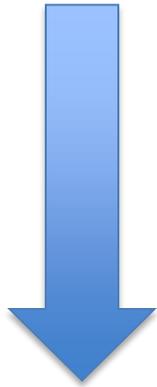
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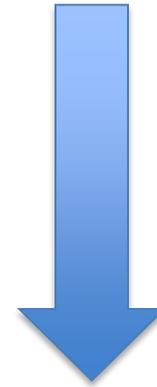
Scaffolding Direction

Broad



Specific

Specific



Broad



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Did we meet the objectives?

1. Examine levels of objectives.
2. Review components of objectives.
3. Discuss how to adapt levels of objectives.



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Questions and Discussion



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Thank You!

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