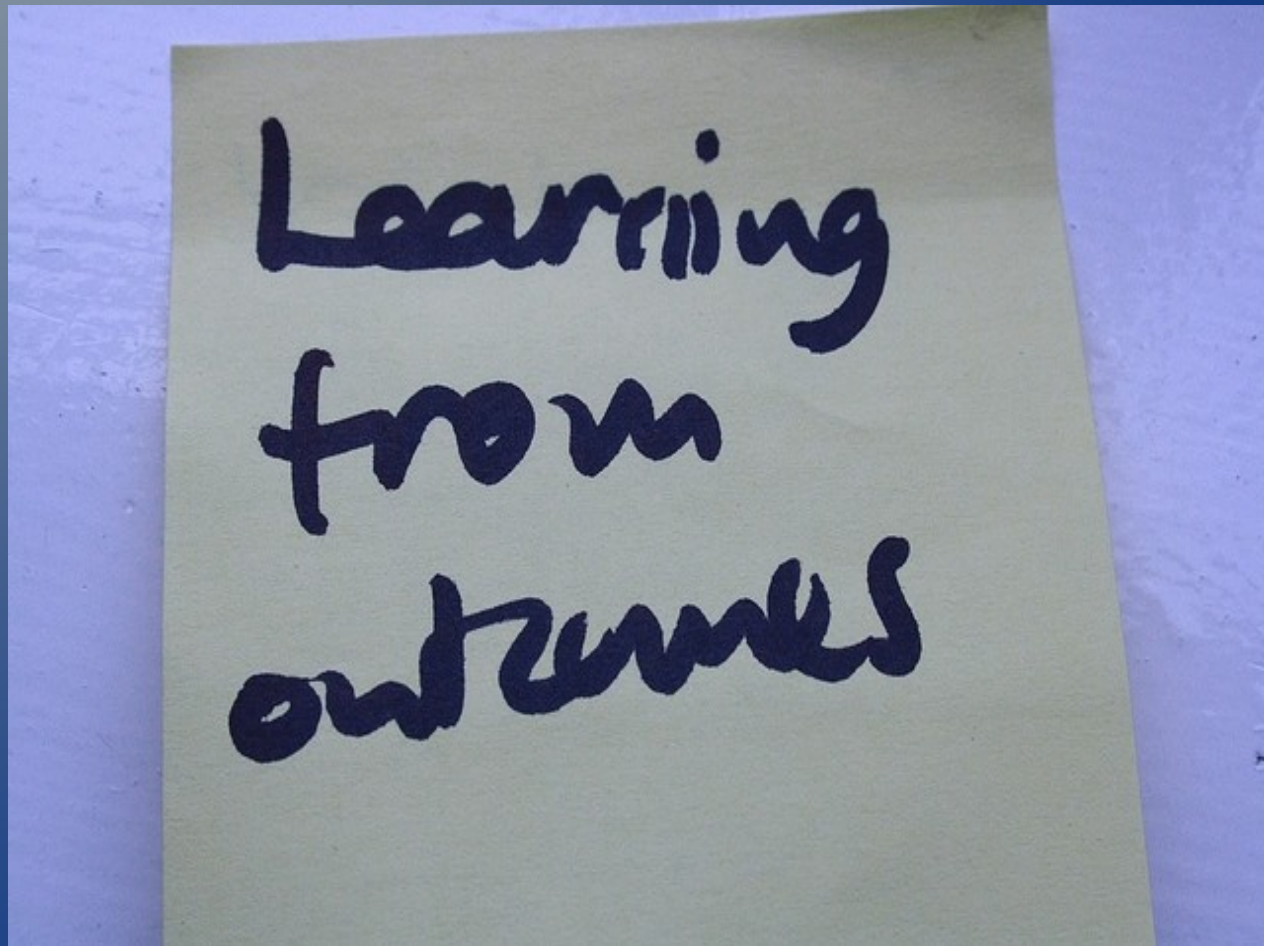


Learning Outcomes



Learning Outcomes

An outcome is something that the student must **know** and be able **to do** by the end of your session/course/module with them.

All outcomes should complete the sentence:

By the end of this session/course/module, students should be able to...

Need to be aligned with both teaching and assessment task/s .

Why focus on outcomes?

- defines **competencies** to be achieved in terms of **skills**, **content mastery**, **attitudes**, or **values**.
- forms the basis upon which to **select or design** instruction materials, content, or techniques i.e. to devise appropriate reflection activities.
- provides the basis for **determining or assessing** when the instruction purpose has been accomplished i.e. to develop appropriate assessment techniques.
- provides a **framework** within which a learner can organize her/his efforts to complete the learning tasks.
- Ref:http://www.thelearningmanager.com/pubdownloads/developing_clear_learning_outcomes_and_objectives.pdf

How to develop outcomes

- **Audience** - what level/ability/etc
- **Behaviours** -observable verbs
- **Conditions** - what circumstances
- **Degree**- how well

Given a bar, line, or circle graph, the seventh-grade mathematics students will be able to verbally present all the statistical or numerical information shown on the graph with 100% accuracy.

<http://www.slideshare.net/ashleytan/writing-specific-instructionallearning>

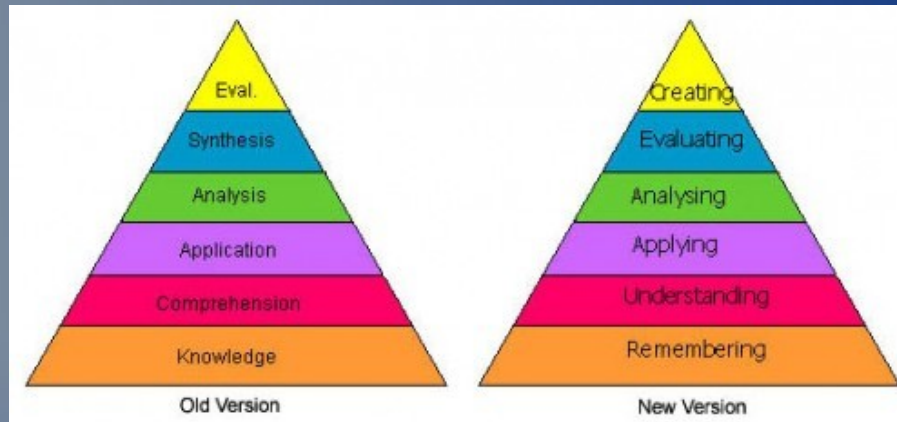
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How to develop outcomes(cont.)

**Outcomes = Conditions + Performance +
Criteria**

Blooms Revised Taxonomy



The new terms are defined as:

- **Remembering:** Retrieving, recognizing, and recalling relevant knowledge from long-term memory.
- **Understanding:** Constructing meaning from oral, written, and graphic messages through interpreting, exemplifying, classifying, summarizing, inferring, comparing, and explaining.
- **Applying:** Carrying out or using a procedure through executing, or implementing.
- **Analyzing:** Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing, and attributing.
- **Evaluating:** Making judgments based on criteria and standards through checking and critiquing.
- **Creating:** Putting elements together to form a coherent or functional whole; reorganizing elements into a new pattern or structure through generating, planning, or producing.