## Measurable Learning Objectives

Steps to creating measurable objectives:

- 1. Identify the noun or thing you want students to learn.
  - a. e.g., three steps of target marketing
  - b. e.g., American immigration policy
- 2. Identify the level/type of learning from Bloom's Taxonomy that you want students to demonstrate.
  - a. **Evaluation** (critical thinking): justifying or determining value.
  - b. **Synthesis** (critical thinking): combining two or more concepts, ideas, or information into something new.
  - c. **Analysis** (critical thinking): dividing a whole into its component parts and relating the parts to each other and the whole.
  - d. **Application**: using concepts, ideas, or information in a new context.
  - e. **Understanding**: explaining concepts, ideas, or information in one's own words.
  - f. **Memorization**: recalling concepts, ideas, or information.
- 3. Select a verb that is observable to describe that type of learning. (See pg 2 of this document for examples.)
- 4. Add the media by which students will demonstrate this learning.
  - a. research paper
  - b. poster presentation
  - c. class presentation

NOTE: Avoid the conjunction "and." Lists in a learning objective force you to evaluate the quantity of criteria met, not the quality of meeting that criteria.

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## Verbs for Bloom's Taxonomy

| Category                          | Generic Skill  | Sample Verbs  |
|-----------------------------------|--|---|
| Evaluation<br>(critical thinking) | justifying or determining value  | appraise, argue, assess, choose, conclude, compare, contrast, debate, decide, deduce, defend, determine, differentiate, discriminate, evaluate, infer, judge, justify, measure, prioritize, rank, rate, recommend, score, select, validate    |
| Synthesis<br>(critical thinking)  | combining two or more concepts, ideas, or information into something new                     | assemble, blend, combine, compile, compose, concoct, create, design, develop, devise, formulate, forecast, generate, hypothesize, imagine, invent, predict, plan, prepare, propose, produce   |
| Analysis<br>(critical thinking)   | dividing a whole into its component parts and relating the parts to each other and the whole | analyze, arrange, detect, calculate, categorize, compare, contrast, criticize, debate, detect, diagram, discriminate, distinguish, examine, group, infer, inquire, inspect, investigate, probe, question, relate, scrutinize, subdivide, test |
| Application                       | using concepts, ideas, or information in a new context                                       | adapt, apply, change,<br>compute, dramatize, draw,<br>exhibit, generalize, illustrate,<br>operate, practice, show,<br>sketch  |
| Understanding                     | explaining concepts, ideas, or information in one's own words                                | account for, annotate,<br>associate, define, describe,<br>discuss, explain, express,<br>identify, recognize, report,<br>restate, retell, summarize,<br>translate  |
| Memorization                      | recalling concepts, ideas, or information  | cite, enumerate, label, list,<br>locate, match, name, quote,<br>recall, recite, record, repeat,<br>reproduce, select, show, state   |