# Levels of Learning
*Bloom's Taxonomy*

**Meaningful Learning**

## CREATING:
**Combing the information to form a unique thesis, concept, or product -** requiring creativity and originality. Putting elements together to form a coherent or functional whole; reorganizing elements into a new pattern or structure through generating, planning, or producing.

*Key Ideas: Design, Hypothesize, Invent, Develop, Compose, Estimate, theorize, elaborate, Test, Improve, Originate*

## EVALUATING:
**Making decisions and supporting views -** understanding of values, judging the validity of ideas or quality of work based on a set of criteria, having a profound understanding of the discipline. Making judgments based on criteria and standards through checking and critiquing.

*Key Ideas: Judge, Critique, Justify, Recommend, Criticize, Assess, Disapprove, Rate, Resolve*

## ANALYZING:
**Identify components -** determining arrangement , logic, and semantics to identify organizational structure. 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.

*Key Ideas: Analyze, Categorize, Separate, Dissect, Deduct, Infer*

## APPLYING
**Using information to solve problems -** transferring abstract or theoretical ideas to practical situations, identifying connections and relationships and how to apply. Carrying out or using a procedure through executing or implementing.

*Key Ideas: What if, Use, Compute, Solve, Demonstrate, Apply, Construct, Build, Experiment*

## UNDERSTANDING:
**Restating in your own words -** paraphrasing, summarizing, translating. Constructing meaning from oral, written, and graphic messages through interpreting, exemplifying, classifying, summarizing, inferring, and explaining.

*Key Ideas: Why, How, Explain, Paraphrase, Illustrate, Compare, Contrast, Interpret, Outline, Rephrase*

## REMEMBERING:
**Memorizing information verbatim -** retrieving, recognizing, and recalling relevant knowledge from long-term memory.

*Key Ideas: What, Remember, List, Label, State, Define, Choose, Find, Select, Match*

# My Learning Level

*Bloom's Taxonomy*

**Meaningful Learning**

### Can I create a new problem, idea or concept?
Includes: Assemble, construct, create, design, formulate, write or invent

### Can I justify a stand or decision?
Includes: Evaluating information by defending, arguing value, appraise and judge

### Can I distinguish between different parts?
Includes: Compare, contrast, examine, question and test

### Can I use the information a new way?
Includes: demonstrate, illustrate, sketch, solve and use

### Can I explain the idea or concept?
Includes: classify, describe, discuss, and paraphrase

### Can I recall and remember the information?
Includes: define, duplicate, list, and reproduce.

*Adapted from Bloom's Taxonomy of the cognitive Domain (Bloom et al., 1956 Forehand. M. (2005). Bloom;s Taxonomy; original an revised. In M. Orey (Ed.). Emerging perspectives on learning, and technology*