

DMAIN OF LEARNING: Doorways to Improve Knowledge



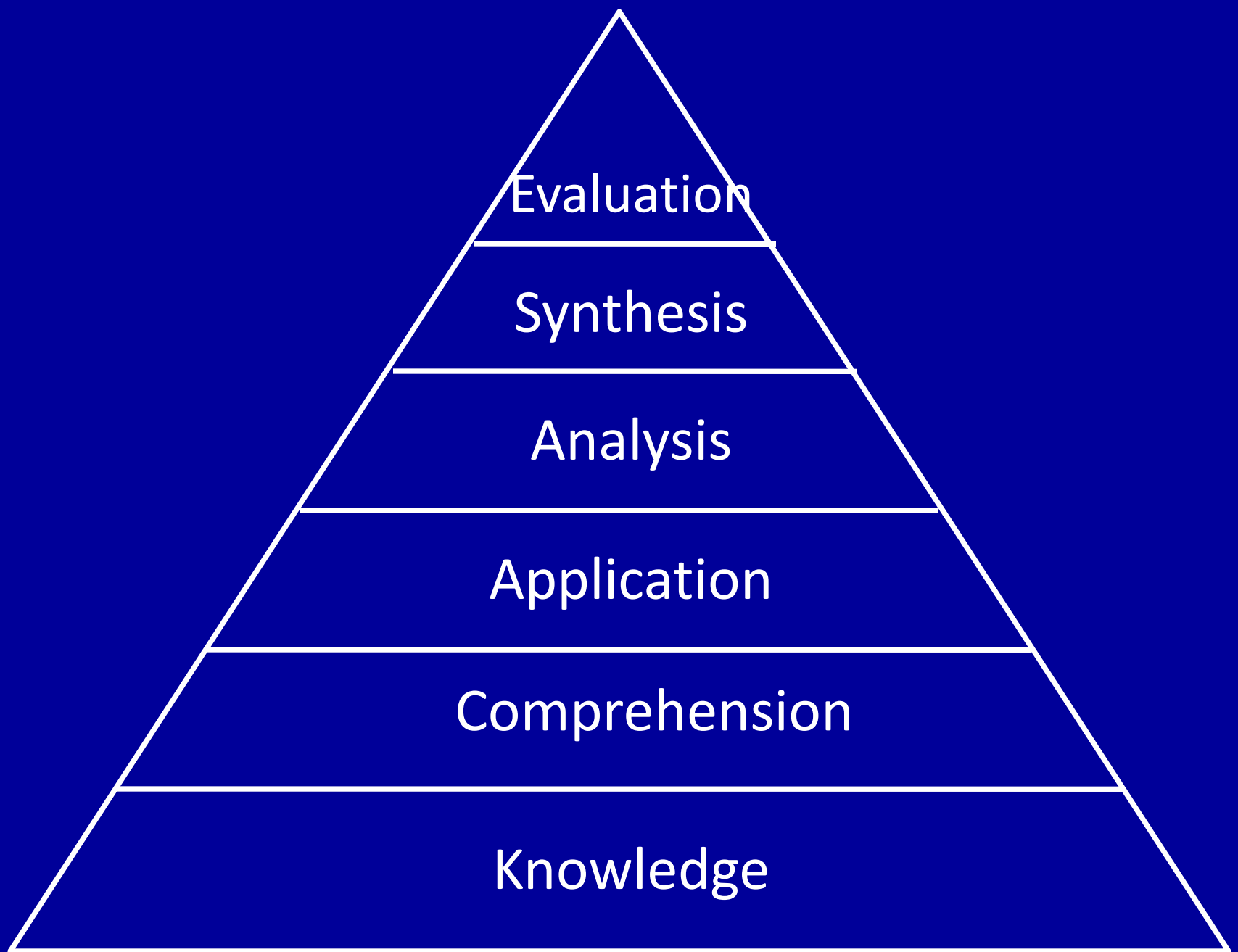
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Learning Domains

- **Cognitive:** Mental skills
(Knowledge)
- **Affective:** Growth in feelings & emotional areas (attitude)
- **Psychomotor:** Manual or physical ability (skills)

Bloom's Taxonomy

- Bloom's Taxonomy is a classification of thinking organized by levels of complexity. It gives teachers and students an opportunity to learn and practice a range of thinking and provides a simple structure for many different kinds of questions.



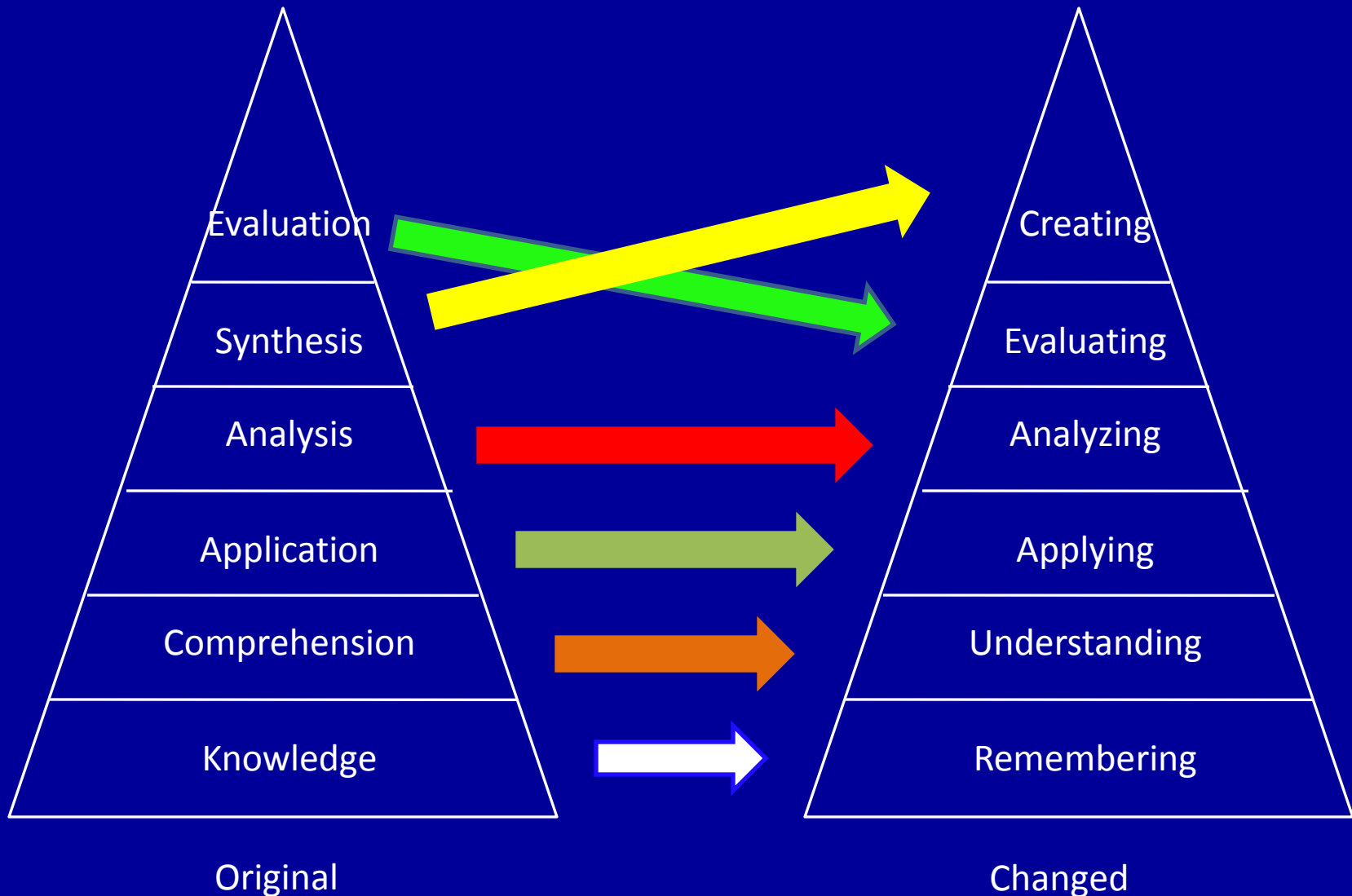
Bloom's Taxonomy (1956)

REVISED BLOOM'S TAXONOMY

Lorin Anderson revised Bloom's Taxonomy & provided the measurement tool for thinking. The changes are:

- Terminologies
- Structure
- Emphasis

Visual Comparison of Two Taxonomies



Changes in Terms

- Noun to Verb
- Thinking is an active process therefore verbs are more accurate
- Knowledge is a product of thinking and was inappropriate to describe a category of thinking and was replaced with the word remembering

Changes in Terms

- Comprehension became *understanding* and synthesis was renamed *creating* in order to better reflect the nature of the thinking described by each category.

Key Words for Remembering

- recognizing
- retrieving
- choosing
- describing
- defining
- identifying
- labeling
- listing
- locating
- finding
- naming
- stating
- selecting

Key Words for Understanding

- comparing
- contrasting
- demonstrating
- interpreting
- explaining
- extending
- illustrating
- giving example
- restating
- inferring
- outlining
- relating
- rephrasing
- translating
- summarizing
- classifying
- paraphrasing
- rewriting

Key words for Applying

- applying
- solving
- using
- constructing
- experimenting
- developing
- carrying
- computing
- implementing
- modifying
- utilizing

Key Words for Analyzing

- analyzing
- comparing
- contrasting
- discovering
- differentiating
- attributing
- detecting
- dissenting
- examining
- distinguishing
- determining
- appraising

Key Words for Evaluating

- judging
- evaluating
- appraising
- defending
- criticizing
- assessing
- justifying
- concluding
- comparing
- defending

Key Words for Creating

- designing
- constructing
- planning
- producing
- inventing
- devising
- making

- **Factual Knowledge**

- refers to the essential facts, terminology, details or elements student must know or be familiar with in order to solve a problem in it.

- **Conceptual Knowledge**

- is knowledge of classification, principles, generalizations, theories, models or structure pertinent to a particular disciplinary area.

- **Procedural Knowledge**

- refers to information or knowledge that helps students to do something specific to a discipline subject, area of study. It also refers to methods of inquiry, very specific or finite skills, algorithms, techniques and particulars

- **Meta-cognitive Knowledge**

- is a strategic or reflective knowledge about how to go solving problems, cognitive tasks to include contextual and conditional knowledge and knowledge of self.

THANK YOU!!!