

Level of Skill	Construct Mathematical Models to facilitate the understanding and solution of problems
Mastery	<ul style="list-style-type: none"> ➤ Extends knowledge by inventing methods to solve unfamiliar problems; ➤ Applies basic principles in open problems;
Emulation	<ul style="list-style-type: none"> ➤ Solves problems similar to known examples; ➤ Know and able to reason about principles;
Rote Knowledge	<ul style="list-style-type: none"> ➤ Knows the terms; ➤ Comprehends examples;
Level 0	<ul style="list-style-type: none"> ➤ What a novice beginner might start with before any courses; ➤ No significant knowledge or ability to solve problems;

Rote learning is a learning technique which avoids understanding the inner complexities and inferences of the subject that is being learned. The learner instead focuses on memorizing the material so that it can be recalled exactly the way it was read or heard. In other words, it is learning "just for the test".