

**TEACHERS CREATE ACTIVITIES, LESSONS, and UNITS to elicit these
CRITICAL COMPONENTS FOR STUDENT LEARNING**

Creating Relevance & Building Background	New Learning <ul style="list-style-type: none"> • Reading • Viewing/Looking • Listening • Experimenting • Doing (learning by doing) 	Activation of Prior Knowledge <ul style="list-style-type: none"> • Reading • Listening • Answering Questions • Writing • Talking • Viewing/Looking • Experimenting • Doing
Trying It Out & Learning for Mastery	Playing with Ideas <ul style="list-style-type: none"> • Questioning • Writing • Talking • Creating visual models • Manipulating visual models • Deconstructing (Taking apart) • Synthesizing (Putting together) 	Practicing Skills <ul style="list-style-type: none"> • Questioning • Writing • Talking • Creating • Applying • Taking apart • Putting together • Doing (<i>trial and error process</i>) • Repetition/Drills (<i>once mastery is demonstrated, to develop automaticity or perfect skill</i>)
Demonstrating Understanding & Stretching Learning	Applying Knowledge and/or Skills <ul style="list-style-type: none"> • Creating • Synthesizing (Putting Together) • Problem Solving • Analyze (for patterns, connections, similarities, differences, etc.) <p><i>Note: How is this different from Practicing Skills or Playing with Ideas? Students have already demonstrated a proficient level of mastery. This doesn't mean they have hit a ceiling with their learning though. They can continue to grow in depth and complexity when applying skills and knowledge in new ways.</i></p>	Demonstrating Level of Mastery <ul style="list-style-type: none"> • Presenting • Reflecting • Answering Questions • Applying Knowledge and/or Skills <p><i>Note: What does demonstrating a level of mastery have to do with student learning? Teachers and students need to understand the level at which a student has mastered a skill or information in order to determine next steps in learning. When students understand and can express their own learning, they also develop a greater sense of empathy toward peers. Empathy is a necessary ingredient in a safe, collaborative, and judgment-free classroom culture.</i></p>