

## Blooms Taxonomy of Educational Objectives: Math Emphasis

	<p><b>Level 1</b>  <b>Remembering:</b> define, duplicate, label, list, memorize, name, order, recognize, relate, recall, repeat, reproduce, state.</p>	<p>The student can recall a formula, name a shape, perform calculation, repeat a process.</p>
	<p><b>Level 2</b>  <b>Understanding:</b> classify, describe, discuss, explain, identify, locate, recognize, report, select, translate, paraphrase</p>	<p>The student can describe what a formula does, classify a shape from its properties, can express a final answer in the proper context.</p>
	<p><b>Level 3</b>  <b>Applying:</b> choose, demonstrate, dramatize, employ, illustrate, interpret, operate, schedule, sketch, solve, use, write.</p>	<p>The student can select the proper formula for a task, can solve an equation, can complete a proof, can translate a complex real-world situation into symbols.</p>
	<p><b>Level 4</b>  <b>Analyzing:</b> appraise, compare, contrast, criticize, differentiate, discriminate, distinguish, examine, experiment, question, test.</p>	<p>The student can test/analyze data using statistics methods, can perform what-if calculations by changing variables, can verify the validity of a solution.</p>
	<p><b>Level 5</b>  <b>Evaluating:</b> appraise, argue, defend, judge, select, support, value, evaluate.</p>	<p>The student can compare two or more correct methods for efficiency, can support a proof with additional information.</p>
	<p><b>Level 6</b>  <b>Creating:</b> assemble, construct, create, design, develop, formulate, write.</p>	<p>The student can derive a formula for complex geometric object, can extrapolate from data, can define clearly what a reasonable answer is, can re-teach a concept to a 3<sup>rd</sup> party.</p>