

CRITICAL & REFLECTIVE THINKING in Mathematics

Core Competencies	Curricular Competencies
<p>Critical & Reflective Thinking</p> <ul style="list-style-type: none"> • <i>analyze and critique</i> • <i>question and investigate</i> • <i>design and develop</i> • <i>reflect and assess</i> 	<p>Understanding and Solving</p> <ul style="list-style-type: none"> • Develop, demonstrate, and apply mathematical understanding through play, inquiry, and problem solving • Develop and use multiple strategies to engage in problem solving <p>Reasoning and Analyzing</p> <ul style="list-style-type: none"> • Use reasoning to explore and make connections • Estimate reasonably • Develop mental math strategies and abilities to make sense of quantities • Use technology to explore mathematics • Model mathematics in contextualized experiences <p>Connecting and Reflecting</p> <ul style="list-style-type: none"> • Reflect on mathematical thinking