

# Cobb County School District Gifted Standards

## Critical Thinking

Students will utilize higher order reasoning and reflect upon their thinking.

G1 – Convergent Thinking	G2- Algebraic Thinking	G3 - Divergent Thinking	G4 - Evaluative Thinking	G5 - Relationships & Connections
<p>Students will reason logically using induction and deduction.</p> <p>a. Solve problems using logical reasoning.</p> <p>B Justify opinions, theories, conjectures, and conclusions with logical reasoning.</p> <p>c. Analyze logic to determine if it sufficiently supports opinions, theories, conjectures, and conclusions.</p>	<p>Students will reason algebraically.</p> <p>a. Analyze mathematical situations for patterns and order.</p> <p>b. Symbolically represent situations involving patterns and mathematical relationships.</p> <p>c. Solve algebraic problems and equations with and without real world context.</p>	<p>Students will think creatively to generate innovative ideas, products, or solutions to problems.</p> <p>a. Apply and assess the components of divergent thinking to improve ideas, products, and solutions.</p> <ul style="list-style-type: none"> <li>• Fluency</li> <li>• Flexibility</li> <li>• Originality</li> <li>• Elaboration</li> </ul> <p>b. Demonstrate an understanding of the relationships among invention, innovation, and social entrepreneurship.</p>	<p>Students will evaluate and solve a variety of authentic problems.</p> <p>a. Implement the evaluative thinking process.</p> <p>b. Apply and adapt a variety of strategies to resolve problems and dilemmas, and evaluate their effectiveness.</p> <p>c. Identify appropriate problems and dilemmas to research and resolve.</p> <p>d. Develop tools to assess performance-based products and personal goals.</p>	<p>Students will make relationships and connections among various topics and disciplines.</p> <p>a. Explore and demonstrate an understanding of the relationships within and connections across topics and disciplines.</p> <p>b. Formulate thought-provoking questions to explore relationships and connections.</p> <p>c. Research topics or real-world problems to develop knowledge and depth of understanding beyond the grade level CCGPS.</p> <p>d. Seek opportunities to become an informed, productive, proactive global community member.</p>

Explore   Develop   Identify   Describe   Investigate   Solve   Implement   Evaluate   Create  
 Recognize   Know   Demonstrate   Apply   Formulate   Adapt   Infer   Assess

G6 – Communication	G7 - Collaboration	G8- Self-Reflection	G9 - Respect For Others	G10 - Self-Directed Learner
<p>Students will interact and exchange ideas, feelings, information, thoughts, and knowledge with others.</p> <p>a. Effectively communicate both verbally and nonverbally using a variety of modalities.</p> <p>b. Understand and adjust communication for a given audience.</p> <p>c. Read and write for a variety of purposes.</p> <p>d. Use knowledge of language and appropriate conventions when writing, speaking, reading, and listening.</p>	<p>Students will work toward a common goal with shared accountability for the final outcome.</p> <p>a. Develop a shared sense of responsibility for participation, decision making, and outcomes.</p> <p>b. Achieve a shared objective by dividing it into manageable components suited to individual strengths.</p> <p>c. Engage in exchanges of constructive/critical feedback for instructional purposes.</p>	<p>Students will reflect upon their abilities and potential.</p> <p>a. Develop areas of strength in self.</p> <p>b. Demonstrate a growth mindset by recognizing areas for personal development and identifying strategies for improvement.</p> <p>c. Reflect upon personal learning styles and use the knowledge to facilitate self-growth.</p>	<p>Students will be respectful members of their communities.</p> <p>a. Respect the input of others.</p> <p>b. Recognize the value of individual differences.</p> <p>c. Recognize the strengths of others.</p> <p>d. Actively listen to and empathize with others in various situations.</p>	<p>Students will seek opportunities for self-growth.</p> <p>a. Establish and work toward short and long term goals.</p> <p>b. Persevere despite failure and adversity.</p> <p>c. Advocate for self.</p> <p>d. Set appropriately high standards for work and behavior.</p> <p>e. Take initiative to pursue new opportunities.</p>