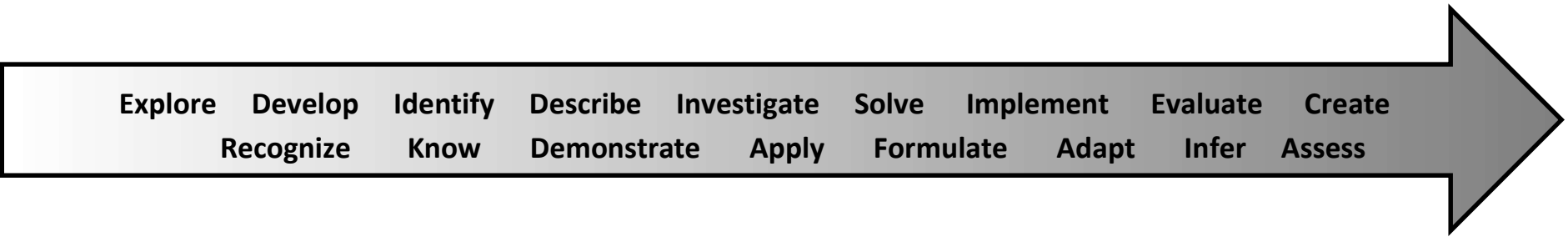# Cobb County School District Gifted Standards

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
Students will reason logically using induction and deduction.	Students will reason algebraically.	Students will think creatively to generate innovative ideas, products, or solutions to problems.	Students will evaluate and solve a variety of authentic problems.	Students will make relationships and connections among various topics and disciplines.
a. Solve problems using logical reasoning. B Justify opinions, theories, conjectures, and conclusions with logical reasoning. c. Analyze logic to determine if it sufficiently supports opinions, theories, conjectures, and conclusions.	a. Analyze mathematical situations for patterns and order. b. Symbolically represent situations involving patterns and mathematical relationships. c. Solve algebraic problems and equations with and without real world context.	a. Apply and assess the components of divergent thinking to improve ideas, products, and solutions. • Fluency • Flexibility • Originality • Elaboration b. Demonstrate an understanding of the relationships among invention, innovation, and social entrepreneurship.	a. Implement the evaluative thinking process. b. Apply and adapt a variety of strategies to resolve problems and dilemmas, and evaluate their effectiveness. c. Identify appropriate problems and dilemmas to research and resolve. d. Develop tools to assess performance-based products and personal goals.	a. Explore and demonstrate an understanding of the relationships within and connections across topics and disciplines. b. Formulate thought-provoking questions to explore relationships and connections. c. Research topics or real-world problems to develop knowledge and depth of understanding beyond the grade level CCGPS. d. Seek opportunities to become an informed, productive, proactive global community member.

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