



Snapshot of a Kindergarten Student: Mathematics

Gwinnett County Public Schools' Academic Knowledge and Skills (AKS) curriculum for mathematics, aligned with the Georgia Standards of Excellence, helps students to become confident and competent mathematical problem-solvers. They will be able to compute and have a deep conceptual understanding of numbers and mathematical processes. Students will think critically. They will communicate their thoughts and mathematical reasoning effectively. Kindergarten students use a number of strategies and tools as they learn math. They use hands-on manipulatives, technology, and real-world examples. Students use pictures, word and numeric problems, data, graphs, symbols, and problem-solving strategies.

Students entering Kindergarten should be able to:

- Recognize numerals
- Use counting as a means for determining quantity
- Match numerals to sets of objects 0-10
- Describe sets of objects as having more, less, same and equal
- Tell the number that comes before and after a given number up to 10
- Count at least 10 objects using 1:1 correspondence
- Count to 20
- Compare objects using two or more attributes
- Order objects and describe the criteria used
- Sort and classify objects using 1 or more attributes
- Create and extend simple patterns
- Understand and use appropriate directional language
- Recognize and name common 2-D and 3-D shapes
- Combine simple shapes to create another shape

Home Support:

- Point out numbers in your child's every day environment
- Ask your child to count items at home during routine activities
- Play games that involve numbers and counting
- Ask your child to compare items found in your home
- Create patterns with your child
- Make it a game to find shapes in the environment