PREKINDERGARTEN MATH SCOPE AND SEQUENCE

Curriculum Framework

The Germantown Academy PreK program uses the **HighScope Numbers Plus** math curriculum. Children develop key mathematical skills through hands-on exploration, play, and everyday experiences**.** Using a small group instruction model, each activity has built-in progressions designed to meet a developmental range of math learners. Drawing upon the latest research and practice in early mathematics learning and teaching, Numbers Plus actively engages young children's mathematical aptitude with appealing materials and ideas to help children develop confidence, curiosity, and a love of mathematics.

PREKINDERGARTEN MATH CONCEPTS

- Number words and symbols: Children recognize and use number words and symbols.
- Counting: Children count objects.
- Part-whole relationships: Children combine and separate quantities of objects.
- Shapes: Children identify, name, and describe shapes.
- Spatial awareness: Children recognize spatial relationships among people and objects.
- Measuring: Children measure to describe, compare, and order things.
- Unit: Children understand and use the concept of unit.
- Patterns: Children identify, describe, copy, complete, and create patterns.
- Data analysis: Children use information about quantity to draw conclusions, make decisions, and solve problems.