



**Avon Grove Charter School**  
*Mathematical Skills*  
Grade Level: Kindergarten

AGCS uses Math in Focus as its primary elementary mathematics program. The purpose of this document is to provide an overview of the major concepts/skills at this grade level. Parents are the target audience of this resource, however students may also find it helpful as a skills checklist.

**NUMBERS AND OPERATIONS**

***A student will be able to...***

- Know number names and write and recite the count sequence.
- Apply one-to-one correspondence to count the number of objects.
- Apply the concept of magnitude to compare numbers and quantities.
- Use place value to compose and decompose numbers within 19.

This content will appear in Math in Focus chapters 1, 2, 4, 6, 12, 17, and 18.

**ALGEBRAIC CONCEPTS**

***A student will be able to...***

- Extend concepts of putting together and taking apart to add and subtract within 10.

This content will appear in Math in Focus chapters 4 and 6.

**GEOMETRY**

***A student will be able to...***

- Identify and describe two- and three-dimensional shapes
- Analyze, compare, create, and compose two- and three-dimensional shapes.

This content will appear in Math in Focus chapters 7 and 16.

**MEASUREMENT, DATA, AND PROBABILITY**

***A student will be able to...***

- Describe and compare attributes of length, area, width, and capacity of everyday objects.
- Classify objects and count the number of objects in each category.

This content will appear in Math in Focus chapters 3, 5, and 10.