

TRI-COUNTY CHARTER SCHOOL PARTNERSHIP

**Power Standards  
Math – First Grade**

**STRAND A: NUMBER SENSE, CONCEPTS, OPERATIONS**

**Standard 1: The student understands the different ways numbers are represented and used in the real world.**

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*MA.A.1.1.1: The student associates verbal names, written word names, and standard numerals with the whole numbers less than 1000.*

2. reads and writes numerals to 100 or more.

*MA.A.1.1.2: The student understands the relative size of whole numbers between 0 and 1000.*

1. compares and orders whole numbers to 100 or more using concrete materials, drawings, number lines, and symbols (<, =, >).

*MA.A.1.1.3: The student uses objects to represent whole numbers or commonly used fractions and relates these numbers to real-world situations.*

1. represents real-world applications of whole numbers, to 100 or more, using concrete materials, drawings, and symbols.

**Standard 2: The student understands number systems.**

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*MA.A.2.1.1: The student understands and applies the concepts of counting (by 2s, 3s, 5s, 10s, 25s, 50s), grouping and place value with whole numbers between 0 and 100.*

1. counts orally to 100 or more by 2s, 5s, and 10s with or without a hundred chart.

*MA.A.2.1.2: The student uses number patterns and the relationships among counting, grouping, and place value strategies to demonstrate an understanding of the whole number system.*

2. knows place value patterns and uses zero as a place holder (for example, trading 10 ones for 1 ten).

**STRAND B: MEASUREMENT**

**Standard 3: The student estimates measurements in real-world problem situations.**

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*MA.B.3.1.1: The student, using a variety of strategies, estimates lengths, widths, time intervals, and money, and compares them to actual measurements.*

3. knows and compares money values, including the quarter (25 cents), half-dollar (50 cents), and dollar (100 cents).

**STRAND C: GEOMETRY AND SPATIAL SENSE**

**Standard 1: The student describes, draws, identifies, and analyzes two- and three-dimensional shapes.**

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*MA.C.1.1.1: The student understands and describes the characteristics of basic two- and three-dimensional shapes.*

3. sorts two- and three-dimensional figures according to their attributes.

**STRAND D: ALGEBRAIC THINKING**

**Standard 1: The student describes, analyzes, and generalizes a wide variety of patterns, relations, and functions.**

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*MA.D.1.1.2: The student recognizes, extends, generalizes, and creates a wide variety of patterns and relationships using symbols and objects.*

3. predicts, extends, and creates patterns.

**STRAND E: DATA ANALYSIS AND PROBABILITY**

**Standard 1: The student understands and uses the tools of data analysis for managing information.**

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*MA.E.1.1.1: The student displays solutions to problems by generating, collecting, organizing, and analyzing data using simple graphs and charts.*

1. surveys a small group to answer a simple question involving two categories or choices (for example, students who bring lunches or students who buy lunches).