

The mathematics program presents concepts that are introduced, developed or mastered throughout the elementary school years. Repetition throughout the year is needed to reinforce and build upon previously learned concepts. Problem solving is incorporated throughout the school year through each topic area.

Things you can do at Home to Support your Student

Parental Support

- Promote school attendance
- Support student responsibility
- Encourage mathematic awareness
- Participate in the educational process
- Communicate with the school

“Communication begins at home”

Revised 9/08

Manchester School District

A Parent's Guide to Elementary School Mathematics Curriculum



KINDERGARTEN

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Elementary School Mathematics

Kindergarten

Trimester 1

EM-Units 1, 2, 3

Number and Operations

- Count 0-20
- Identify numbers 0-20
- Compare whole numbers 0-20

Geometry and Measurement

- Sort and classify objects by color, shape and size
- Identify, recognize, and build polygons (triangles, squares, rectangles, rhombuses, trapezoids, hexagons) and circles
- Describe the location of objects in the environment using location and positional words
- Describe and compare objects in terms of length, height, weight, temperature and capacity

Functions and Algebra

- Identify and extend patterns (AB)

Data, Statistics and Probability

- Collect, record and analyze data

Trimester 2

EM-Units 4, 5, 6

Number and Operations

- Write numbers 1-10
- Identify the names and value of penny, nickel and dime
- Estimation 0-20
- Skip Counting by 10's

Geometry and Measurement

- Calendar skills (days of the week, yesterday, today, tomorrow, sequence of events in a day)
- Identify calendar and clock as measurement tools

Functions and Algebra

- Identify and extend patterns (ABC)

Data, Statistics and Probability

- Draw conclusions from data using words, diagrams and verbal responses

Trimester 3

EM-Units 7 & 8

Number and Operations

- Write numbers 11-20
- Add or subtract 0-12
- Fractions: halves
- Compare whole numbers 0-20 using one more, one less; connect numerals to quantities using models, representations or number lines
- Mentally add or subtract one by naming the number that is one more or one less
- Skip Counting by 5's

Data, Statistics and Probability

- Analyze patterns, trends and distributions in data