

Math Curriculum

Grade 3

Important Concepts

- The rules and laws of our school and
- Graph data or complete a graph given data
- Translate information from one type of display to another
- Mastery of subtraction facts through 12
- Compare rates of change
- Order a set of whole numbers from least to greatest and greatest to least
- Understand the relationship between numbers sentences and corresponding stories
- Use patterns to predict future outcomes
- Use varied strategies to find sums and differences
- Understand place value to the hundred-thousands place
- Write the fraction that corresponds to a drawing or part of a set
- Create a drawing or set that represents a given fraction
- Make change for an amount up to \$5.00
- Find elapsed time to increments of 5 minutes
- Finding equivalent forms of number values
- Understand tools for measuring time
- Use a ruler to measure to the nearest $\frac{1}{2}$ inch
- Identify two and three dimensional figures
- Identify lines of symmetry
- Determine appropriate measurements for perimeter, area, weight, capacity, and temperature
- Understand reflections and translations of figures

Vocabulary

Tally charts
Line graphs
Pictographs
Bar graphs
Rate of change
Standard form
Expanded form
Word form
Tenths
Hundredths
Thousandths
Hours
Minutes
Seconds
Leap years
Decades
Centuries
Numerator
Denominator
Unit fraction
(Customary measurements and all abbreviations)
Sphere
Cube
Rectangular prism
Pyramid
Cone
Cylinder
Edge
Corner
Vertex
Vertices
Face
Point
Line
Line segment
Ray
Intersecting lines
Parallel lines

Math Curriculum

Grade 3 (con't)

Important Concepts

Vocabulary

Right angle
Acute angle
Obtuse angle
Perpendicular
Polygon
Reflection
Translation
Square units
Division
Remainder
Factor
Product
Array
Commutative
Associative
Identity
Possible
Likely
Unlikely
Certain
Impossible
Outcomes
Fair
Unfair