2nd grade word wall

Analog clock

Digital clock

Bundle

Angle

Array

Expanded form

Standard form

Word form

Even

Odd

Sum

Difference

Graph

Greater than

Less than

Equal to

Compared order

Face

Digit

Fewer

Greater than

Inches

Yards

Feet

Meters

Centimeters

Halfs

Thirds

Fraction

Fourths

Part

Whole

Quarter

Penny

Dime

Nickel

Half dollar

Cent

Dollar

Data

Mental math

Length

Strategies

Visualization

Number sentence

Minute

Hour

Line plot

Related subtraction

Related addition

Triangle

Quardrilaterial

Pentagon

Hexagon

Cube

Horizontal

Vertical

Whole number

Identify

Equivalent

Picture graph

Bar graph

Equal

Ones

Tens

Hundreds

Estimate

Units

Rectangular array

Ruler

Yard stick

Meter stick

Measuring tape

Length

Describe

Number line

Fluency

Interpret

Explain

Math story versus math sentence

Word problems

Minute

Hour

Minute hand

Hour hand

Symbol

Addend

Skip counting

Mentally

Mental strategies

Taking from

Putting together

Taking apart

Comparing

Adding to

Drawing

Equations

Construct

Composing

Decomposing

Identical

Equal share

Total

Math Strategies:

* Matching – sorting board/things that go together – match the word and definition
* Touch math – helps with skip counting and money
* Games – online/interactive (etools, illuminations)
* <http://illuminations.nctm.org/ActivitySearch.aspx>
* Songs – raps to go with concepts (doubles rap)
* United streaming, interactive board lessons
* Gaggle – gaggle tube or teacher tube
* Gaggle – blog
* Tumble books
* ED helper
* Soft schools
* Proteacher.net
* Mind point quiz show (envisions)
* Jeopardy (envisions) – can connect to vocab
* Mysteries – change word problem lingo to make it more interactive for students
* DPI Website
* Math centers
* Math daily 5
* Morning meeting/calendar math

2nd grade math expectations

* Students will be able to read/write and recognize numbers up to 1,000 in different forms to include standard (numerical – 125) (expanded) (word)
* Students will understand the ones, tens and hundreds place values within 3 digit numbers
* Students will understand the different between place value and value
* Students will be able to skip count by 5s, 10s and 100s up to 1000, starting from any given number
* Students will be able to compare (using symbols) and put numbers in order from greatest to least and least to greatest
* Students will be able to create and read picture and bar graphs
* Students will be able to represent data using picture and bar graphs utilizing a given scale
* Students will recognize and understand all basic standard units of measure (inches, feet, meters and centimeters)
* Students will use analog and digital clocks to tell time by 5 minute intervals
* Students will be able to recognize and identify coins (half dollar, quarter, dimes, nickels, pennies) and their value.
* Students will be able to add coin value
* Students will be able to solve coin word problems using dollar bills, half dollars, quarters, dimes, nickels, pennies
* Students will be able to recognize characteristics of shapes such as angles and faces
* Students will be able to recognize shapes (triangles, quadrilaterals, pentagon, hexagon, cubes)
* Students will be able to divide or a circle and rectangle into halfs, thirds or fourths
* Students will be able recognize the difference between even and odd numbers
* Student s will be able to identify the appropriate operation and/or strategy needed to solve a world problem
* Students will be able to use a variety of operations and/or strategies to solve multi-step problems
* Students will be able to accurately recall addition and subtraction facts up to 20 within 4-5 seconds
* Students will memorize all single digit addition facts – ex: 0+0, 9+9