

2-21-14

# Math RTI Guidance using CCGPS Standards

This 2nd grader needs support in basic number sense and extending the counting sequence beyond 100. Without these skills, multi digit addition and subtraction will be difficult.

## Kindergarten

- Count to 100 by ones and tens
- Count to 100 beginning from any given number
- Write numbers 0 to 20
- Represent number of objects with a numeral 0-20
- One to one correspondence
- Answer "how many" questions about up to 20 items in a line, an array, circle or scattered configuration.
- Identify number of objects in one group as greater than, less than or equal. Compare the numbers.

### Addition/Subtraction

- Represent add/sub in various ways. See MCCK.OA.1
- Solve add/sub problems within 10 by using manip. and drawings.
- Decompose numbers up to 10 into pairs in mult. ways.
- Make ten with any number
- Fluently add/sub within 5.
- Compose and decompose numbers to 20 into tens and ones.

### Geometry

- Shapes – squares, circles, triangles, rectangles, hexagon, cube, cone, cylinder, sphere

## 1<sup>st</sup> Grade

- Count to 120
- Count to 120 from a given number
- Read and write numbers to 120
- Compare 2 two-digit numbers using symbols.
- Finding 10 more/10 less

### Addition/Subtraction

- Use add/sub within 20 to solve word problems.
- Add/Sub within 20 using various strategies. See MCC1.OA.6
- Solve word problems using addition with 2 whole numbers with a sum of less than 20.
- Understand subtraction as unknown addend.
- Fluently add/sub within 10.
- Add within 100 with regrouping (2 digit and 1 digit & 2 digit and multiple of ten)
- Subtract multiples of ten

### Geometry

- Compose two and three dimensional to create composite shapes.
- Partition circles and rectangles (halves, fourths)

## 2<sup>nd</sup> Grade

- Count within 1000 by 5, 10, 100
- Odd/Even numbers up to 20
- Read and write 3 digit numbers with understanding of hundreds, tens, ones in expanded, written and standard form.
- Compare 2 three digit numbers

### Addition/Subtraction

- Use add/sub within 100 to solve one and two step word problems. See MCC2.OA.1
- Fluently add/sub within 20
- Use addition to find total in arrays up to 5 rows and columns. Write an equation.
- Fluently add/sub within 100 using strategies.
- Add 4 two digit numbers
- Add/Sub within 1000 with regrouping using manip and drawings
- Mentally add/sub 10 or 100
- Explain why add/sub strategies work.

### Measurement/Geometry

- Tell time to nearest 5 minutes
- Solve problems with dollars, quarters, dimes, nickels, pennies
- Partition circles/rectangles (halves,