

...and represent nonstandard units that must be addressed before moving on to more sophisticated mathematical concepts.

**This 1st grader is struggling with both the counting sequence and number patterns as well as math reasoning with regard to word problems. Both of these areas are critical to success with first grade standards.**

## Math RTI Guidance using CCGPS Standards

### Kindergarten

- Count to 100 by ones and tens (Tasks 1, 3)
- Count to 100 beginning from any given number (Task 2)
- Write numbers 0 to 20 (Task 12, 14)
- Represent number of objects with a numeral 0-20 (Tasks 12-14)
- One to one correspondence (Tasks 11, 12, 16) ?
- Answer "how many" questions about up to 20 items in a line, an array, circle or scattered configuration (Task 11)
- Identify number of objects in one group as greater than, less than or equal. Compare the numbers (Task 19)

#### Addition/Subtraction

- Represent add/sub in various ways. (Tasks 23-25)
- Solve add/sub problems within 10 by using manip. and drawings (Tasks 23-25)
- Decompose numbers up to 10 into pairs in mult. ways. (Task 23)
- Make ten with any number (Task 26)
- Fluently add/sub within 5 (Tasks 23, 28)
- Compose and decompose numbers to 20 into tens and ones (Task 17)

#### Geometry

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

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

- Count to 120 (Task 1)
- Count to 120 from a given number (Tasks 4-5)
- Read and write numbers to 120 (Tasks 14-15)
- Compare 2 two-digit numbers using symbols (Task 20)
- Finding 10 more/10 less (Task 10)

#### Addition/Subtraction

- Use add/sub within 20 to solve word problems (Task 26)
- Add/Sub within 20 using various strategies. (Task 27)
- Solve word problems using addition with 2 whole numbers with a sum of less than 20 (Task 26)
- Understand subtraction as unknown addend.
- Fluently add/sub within 10 (Task 28)
- Add within 100 (may include regrouping, 2 digit and 1 digit & 2 digit and multiple of ten) (Task 29)
- Subtract multiples of ten (Task 30)

#### 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 (Tasks 5-10)
- Odd/Even numbers up to 20
- Read and write 3 digit numbers with understanding of hundreds, tens, ones in expanded, written and standard form (Tasks 14, 15, 18)
- Compare 2 three digit numbers (Tasks 21-22)

#### Addition/Subtraction

- Use add/sub within 100 to solve one and two step word problems. (Task 31)
- Fluently add/sub within 20 (Tasks 27-28)
- Use addition to find total in arrays up to 5 rows and columns. Write an equation.
- Fluently add/sub within 100 using strategies. (Tasks 29-30)
- Add 4 two digit numbers
- Add/Sub within 1000 with regrouping using manip and drawings (Task 32)
- Mentally add/sub 10 or 100
- Explain why add/sub strategies work. (Task 27)

#### Measurement/Geometry

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