**Kindergarten & 1st Grade Mathematics Expectations**

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| **KINDERGARTEN Concepts** | **Benchmarks by Trimester** | | |
|  | **Trimester 1**  **Week 12** | **Trimester 2**  **Week 24** | **Trimester 3**  **Week 36** |
| * Orally counts to | 21 | 51 | 105 |
| * Counts a set using objects and records | 1:1 to 12 | 1:1 to 21 | 1:1 to 32 |
| * Cardinality | Within 12 | Within 21 | Within 32 |
| * Conservation | Within 12 | Within 21 | Within 32 |
| * Writes numbers 0-20 | ---- | 0-20 |  |
| * Compare two groups of objects   *(greater than, less than or equal to )* | ---- | Up to 21 in each group | Up to 32 in each group |
| * Solve addition and subtraction word problems within 10 | ---- | Within 5 | Within 10 |
| * Decomposes less than or equal to 10 | ---- | 5 | 10 |
| * Correctly name shapes   *(regardless of orientation or size)* | ---- | squares, circles, triangles, rectangles | hexagons, cubes, cones, cylinders and spheres |
| * Fluently add or subtract within 5 | ---- | ---- | 5 |
| **FIRST GRADE Concepts** | **Benchmarks by Trimester** | | |
|  | **Trimester 1**  **Week 12** | **Trimester 2**  **Week 24** | **Trimester 3**  **Week 36** |
| * Orally counts (starting at any given number) | 120 | By 5s and 10s | By 10’s from a given number |
| * Counts a set using objects and records | Uses efficient strategies (2s, 5s, and/or 10s) to count large quantities between 32-100 |  |  |
| * Solve addition and subtraction word problems within 20 | Within 10 | Within 20 |  |
| * True/False equations | Yes | Yes | Yes |
| * The two-digits of a two-digit number represents amounts of tens and ones | ----- | 11-19 and multiples of 10  (10, 20, 30,...80, 90) |  |
| * Compose two- and three--dimensional shapes to create a composite shape | ----- | Yes | Yes |
| * Fluently add or subtract within 10 | ----- | 10 |  |
| * Express the length of an object as a whole number of length units | ----- | ----- | Yes |