MATH

Toddler	Pre-School	Pre-Kindergarten	Kindergarten
Discriminates between sizes Demonstrates awareness of "more" versus "less" Counts numerals from 0 to 10 Counts & identifies quantities 0 to 10 Identifies written numerals 0 to 5 Introduced to trace sandpaper numerals Participates in number and clapping games and songs	Recognizes numbers from 0 to 10 Recognizes numbers from 11 to 19 Matches quantities and symbols of 1 to 10 Matches quantities and symbols of 11 to 19 Identifies the meaning of zero Can identify odd and even quantities from 1 to 10 Performs simple addition with numerals 1 to 10 Performs simple subtraction with quantities from 1 to 10	Correlates written numerals with quantities 1 to 10 Correlates written numerals with quantities 11 to 200 Can identify odd and even numbers Performs simple addition using beads and counters Creates and identifies number patterns Traces and writes numerals accurately	Associates symbols and quantities of values 11 to 19 Associates symbols and quantities of values 10 to 100 Understands the following vocabulary and symbols: ● Addend ● Sum ● Minuend ● Subtrahend ● Difference Performs simple addition with numerals 1 to 10 Performs simple subtraction with numerals 1 to 10 Skip counts by values 2 through 5

	Names and sequences the months of the year Names and sequences of the days of the week		Skip counts by values 6 through 10 Creates and identifies numeric patterns
Place Value *No formal requirements*	**Place Value** *No formal requirements*	**Place Value** Introduced place value of units through thousands using the Golden Beads	**Place Value** Identifies place value of units through thousands
Operations (+ / -) *No formal requirements*	**Operations (+ / -)** *No formal requirements*	**Operations (+ / -)** Introduced to static addition using the Golden Beads Introduced to static subtraction using the Golden Beads Introduced to the concept of exchanging in math Introduced to dynamic addition using the Golden Beads Introduced to dynamic subtraction using the Golden Beads	**Operations (+ / -)** Performs static and dynamic addition Performs static & dynamic subtraction

Operations (× / ÷)	Operations (× / ÷)	Operations (× / ÷)	Operations (× / ÷)
No formal requirements	*No formal requirements*	*No formal requirements*	Introduced to simple multiplication with values 1 to 10

Introduced to simple Division with values 1 to 10 |
Word Problems	**Word Problems**	**Word Problems**	**Word Problems**
No formal requirements	*No formal requirements*	*No formal requirements*	*No formal requirements*
Telling Time	**Telling Time**	**Telling Time**	**Telling Time**
No formal requirements	*No formal requirements*	*No formal requirements*	Identifies the parts of an analog clock

Tells time by the full hour, half hour, quarter hour, and 5 minute increments |
| **Money** | **Money** | **Money** | **Money** |
| *No formal requirements* | *No formal requirements* | *No formal requirements* | Introduced the names and values of coins

Counts coins by ones, fives, tens, and twenty-five |
| **Graphs & Fractions** | **Graphs & Fractions** | **Graphs & Fractions** | **Graphs & Fractions** |
| *No formal requirements* | *No formal requirements* | *No formal requirements* | *No formal requirements* |

GEOMETRY & MEASUREMENT			
Toddler	**Preschool**	**Pre-Kindergarten**	**Kindergarten**
No formal requirements	*No formal requirements*	*No formal requirements*	Identifies polygons