



# All Care Syllabus (Math)

## ALL CARE NEWBIE

<b>Number &amp; Counting</b>	
	Rote Counting 1-20
	Number Recognition 1-10
	Counting & Quantifying
<b>Identification &amp; Grouping</b>	
	Classification
	Sorting
<b>Shapes &amp; Colors</b>	
<b>Time Concepts &amp; Sequence</b>	
<b>Memory</b>	
	Naming the alphabet
<b>Vocabulary Development</b>	
<b>Listening Comprehension</b>	
<b>Writing</b>	

## ALL CARE EXPLORER

<b>Number &amp; Counting</b>	
	Rote Counting 1-50
	Number Recognition 1-20
	Number Sequencing
	Odd & Even
	Greater & Lesser
<b>Shapes &amp; Colors</b>	
<b>Patterns</b>	
<b>Time Concept</b>	
	Telling Time by 1-hr
	Telling Time by half past the hour
<b>Basic Operations</b>	
	Addition
	Subtraction

## ALL CARE CONQUEROR

Number & Counting	
	Rote Counting 1-100
	Number Recognition 1-50
	Number Sequencing
	Odd & Even
	Greater & Lesser
	Arranging Numbers (ascending, descending)
Place Value	
Skip Counting	
	Skip count by 2, 3, 5, 10
Time Concepts	
	Telling Time by 1-hr
	Telling Time by half past the hour
	Telling Time by quarter of an hour
Basic Operations	
	Addition & Subtraction
	Introduction to Multiplication
	Introduction to Division

## ALL CARE PILOT

Number & Counting	
	Rote Counting 1-100
	Number Recognition 1-100
	Number Sequencing
	Odd & Even
	Greater & Lesser
	Arranging Numbers (ascending, descending)
	Writing Numbers
	Reading Numbers 1-1000
Patterns	
Ordinal Numbers	
Place Value	
Skip Counting	
	Skip count by 2-10
Time Concepts	
	Telling Time by 1-hr
	Telling Time by half past the hour
	Telling Time by quarter of an hour
	Telling Time by minutes
	Time Word Problems
Basic Operations	
	Addition & Subtraction (grouping & regrouping)
	Multiplication & Division
	Word Problems
Fraction	



# All Care Syllabus (Math)

## ALL CORE VOYAGERS L1

Fraction	
	Single and Multi-digit numbers
	Basic Operations
	Fractions and Decimals
Geometry	
	Angles
	Shapes

## ALL CORE VOYAGERS L2

Algebra	
	Operations on Fractions and Decimal
	Ratio and Percent
Geometry	
	Perimeter
Coordinate Geometry	
	Coordinate plane
	Coordinates and Graphing

## Pre IB/AP Level 1

Algebra	
	Negative numbers
	Algebraic expressions
	Equations and Inequalities
Geometry	
	Area (triangle, quadrilateral, and circles)
Coordinate Geometry	
	Slope
	Linear Equations
Statistics	
	Basics (mean, median, mode, and range)
	Graphs (line, bar, dot plots, etc.)

## Pre IB/AP Level 2

Algebra	
	Operations with Integers
	Absolute Value
	Factors and Multiples
	Exponents and Roots
Geometry	
	Area and Volume
Sequences	
Proportions	
Probability	

## Pre IB/AP Level 3

<b>Algebra</b>	
	Exponents
	Quadratic Equations (factoring)
	Algebraic expressions (linear and nonlinear isolation of unknown)
<b>Geometry</b>	
	Volume (pyramids, cylinders, spheres, etc.)
	Surface Area
	Congruence and Reflections
<b>Coordinate Geometry</b>	
	Systems of Linear Equations
<b>Statistics</b>	
	Frequency Tables