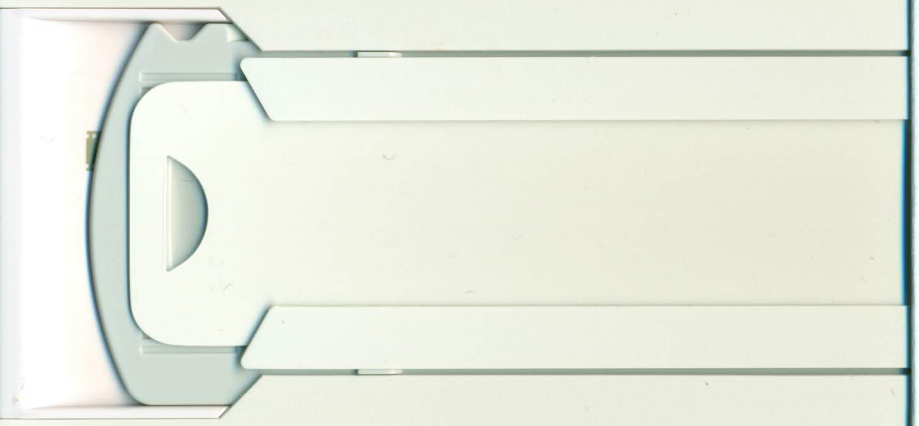

Mathematics	1	2	3	4
COUNTING AND CARDINALITY				
Creates a set of objects: ☐ 0 to 10 ☐ 11-20				
Represents a group of objects with a written numeral 0-20				
Counts to answer "how many" from 0 to 20 in a line, a rectangular array, or a circle				
Counts to answer "how many" from 0 to 10 in a scattered array				
Compares two numbers between 1 and 10 when presented as written numerals				
Counts to 100: ☐ by 1's to 20 ☐ by 1's to 50 ☐ by 1's to 100 ☐ by 10's to 100				
Identifies whether the number of objects in one group are greater than, less than, or equal to the number of objects in another group				
Counts forward beginning from a given number: ☐ within 20 ☐ 50 ☐100				
OPERATIONS AND ALGEBRAIC THINKING				
For any number from 1 to 9, finds the number that when added makes 10				
Decomposes numbers less than or equal to 10 into pairs: ☐ represents ☐ records				
Represents and solves addition and subtraction word problems using objects, pictures, or equations within 10: ☐ addition ☐ subtraction				
Fluently adds and subtracts within five				
NUMBERS AND OPERATIONS IN BASE TEN				
Shows and understands that numbers from 11 to 19 represent a group of one ten and 1,2,3,4....9 ones (15 is the same as 1 ten and 5 ones)				
MEASUREMENT AND DATA				
Sorts objects into given categories and counts the number in each category				
Describes measurable attributes (length and weight) of objects				
Compares and describes two objects to see which has more/less of an attribute				
GEOMETRY				
Models real-world shapes by using objects and drawings				
Combines simple shapes to form larger shapes				
Describes objects in the environment using names of shapes: ☐ square ☐ circle ☐ triangle ☐ rectangle ☐ hexagon ☐ oval ☐ rhombus ☐ cube ☐ cone ☐ cylinder ☐ sphere ☐ pyramid ☐ rectangular prism				
Uses positional words to tell where an object is located (above, below, beside, etc.)				
Analyzes and compares two-dimensional and three-dimensional shapes				

THE STUDENT MUST MASTER THESE SKILLS AT 100 %	1	2	3	4
Recognizes numerals from 0-10: 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐				
Recognizes numerals from 11-20: 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16 ☐ 17 ☐ 18 ☐ 19 ☐ 20 ☐				
Writes numerals from 0 to 20: 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16 ☐ 17 ☐ 18 ☐ 19 ☐ 20 ☐				