



Math Entrance Exam Requirements

Grade 2 to 3	Place value and Value of a number to 1000: Students should be able to: - identify the place and value of a digit through 1000. - write 3-digit numbers using different ways (word, expanded and standard). - decompose 3-digit numbers in two different ways. - compare two 3-digit numbers. Example: 524 Five hundred twenty-four 500+ 20 + 4 The place of 2 is tens The value of 5 is 500.
	Patterns with numbers (Skip count by 1, 5, 10 and 100): Students should be able to: - skip count by 1, 5, 10 and 100. - determine if the number is odd or even. - determine the number of rows and columns in an array. - writing repeated addition equations for the array. Example: Count by 5 : 241 , 246 , 251 , 256 ,261 645: odd 170 : even
	Strategies to Add fluently within 100 (Decompose numbers, use number line, align vertically and use base ten blocks to add): Students should be able to: - add fluently within 100. - decompose addends to add by partial sums. - model using base ten blocks to find the sum.
	Strategies to Subtract fluently within 100 (Use number line-count backwards, align vertically and use base ten blocks to Subtract): Students should be able to: - subtract fluently within 100. - model using base ten blocks to find the difference.
	Length in Metric Unit (cm, mm, m, km): Students will need a ruler Students should be able to: - measure the length of objects in centimeters and meters. - identify the measuring unit to be used for each object.
	Strategies to Add 3- digit numbers: Students should be able to: - represent and solve 3-digit addition equations that require no regrouping. - represent and solve 3-digit addition equations that require regrouping. - use base ten blocks as a strategy to add 3-digit numbers. - use partial sums to add by decomposing both addends.
	Strategies to Subtract 3- digit numbers: Students should be able to: - represent and solve 3-digit subtraction equations that require no regrouping. - represent and solve 3-digit subtraction equations that require regrouping. - use base ten blocks as a strategy to subtract 3-digit numbers.
	Geometric Shapes: Students should be able to: - recognize 2-dimensional shapes based on their attributes (sides, angles and vertices) - identify the name of polygons (polygons up to 8 sides) - identify 3-dimensional shapes and their attributes.
	Measurement of Time: differentiate between AM / PM