



Math Entrance Exam Requirements

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| Grade 2 to 3 | Place value and Value of a number to 1000: Students should be able to: <ul style="list-style-type: none">• Identify place value of a digit through 1000.• Write 3-digit numbers using different ways (word, expanded and standard)• Compare two 3-digit numbers. |
| | Patterns with numbers (Skip count by 1, 5, 10 and 100): Students should be able to: <ul style="list-style-type: none">• Skip count by 1, 5, 10 and 100.• Determine if the number of objects is odd or 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: <ul style="list-style-type: none">• Add fluently within 100.• Decompose addends to add.• Use base ten blocks to model their work. |
| | 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: <ul style="list-style-type: none">• Subtract fluently within 100.• Use base ten blocks to model their work. |
| | Length in Metric Unit (cm, mm, m, km): Students should be able to: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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. |
| | Strategies to Subtract 3- digit numbers: Students should be able to: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• Recognize 2-dimensional shapes based on their attributes (sides, angles and vertices)• Identify the name of polygons (polygons up to 8 sides) |