

CURRICULUM MAP FOR GRADE 5

(Suggested timeline for introducing content and process standards - some overlap all four quarters)

GLEs/GSEs NCTM Standards	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
1. Number and Operations (content)	<ul style="list-style-type: none"> • Rational numbers 1.1.1-1.1.2 • Operations 1.3 • Solves problems 1.4.1-1.4.2 • Mental Computation 1.5.1-1.5.2 • Makes estimates 1.6 • Properties of numbers 1.7 • Benchmark problems # 	<ul style="list-style-type: none"> • Rational numbers 1.1.1-1.1.2 • Relative magnitude 1.2 • Operations 1.3 • Solves problems 1.4.1-1.4.2 • Mental Computation 1.5.1-1.5.2 • Makes estimates 1.6 • Properties of numbers 1.7 • Benchmark problems # 	<ul style="list-style-type: none"> • Rational numbers 1.1.1-1.1.2 • Relative magnitude 1.2 • Operations 1.3 • Solves problems 1.4.1-1.4.2 • Mental Computation 1.5.1-1.5.2 • Makes estimates 1.6 • Properties of numbers 1.7 • Benchmark problems # 	<ul style="list-style-type: none"> • Rational numbers 1.1.1-1.1.2 • Relative magnitude 1.2 • Operations 1.3 • Solves problems 1.4.1-1.4.2 • Mental Computation 1.5.1-1.5.2 • Makes estimates 1.6 • Properties of numbers 1.7 • Benchmark problems #
2. Geometry and Measurement	<ul style="list-style-type: none"> • Angles or sides 2.1 • Congruency 2.31 • Similarity 2.4.1 • Perimeter, area 2.5 • Benchmark problems # 	<ul style="list-style-type: none"> • Perimeter, area 2.5 	<ul style="list-style-type: none"> • 3-D shapes 2.2 • Congruency 2.31 • Similarity 2.4.1 • Perimeter, area, <u>volume</u> 2.5 • Units of measure 2.6 • Spatial relationship 2.6 • Spatial reasoning 2.7 • Benchmark problems # 	<ul style="list-style-type: none"> • 3-D shapes 2.2 • Congruency 2.31 • Similarity 2.4.1 • Perimeter, area, <u>volume</u> 2.5 • Units of measure 2.6 • Spatial relationship 2.6 • Spatial reasoning 2.7 • Benchmark problems #
3. Functions and Algebra	<ul style="list-style-type: none"> • Variety of patterns 3.1.1-3.1.2 • Algebraic expression 3.3 	<ul style="list-style-type: none"> • Variety of patterns 3.1.1-3.1.2 • Linear relationships 3.2 • Algebraic expression 3.3 	<ul style="list-style-type: none"> • Variety of patterns 3.1.1-3.1.2 • Linear relationships 3.2 • Algebraic expression 3.3 	<ul style="list-style-type: none"> • Variety of patterns 3.1.1-3.1.2 • Linear relationships 3.2 • Algebraic expression 3.3

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	<ul style="list-style-type: none"> Equality 3.4 Benchmark problems # 	<ul style="list-style-type: none"> Equality 3.4 Benchmark problems # 	<ul style="list-style-type: none"> Equality 3.4 Benchmark problems # 	<ul style="list-style-type: none"> Equality 3.4 Benchmark problems #
4. Data, Statistics, and Probability (content)	<ul style="list-style-type: none"> Patterns, trends, distributions 4.2 Data displays 4.3.1-4.3.1 Probability of event 4.5.1-4.5.3 Data collection analysis 4.6 Benchmark problems # 	<ul style="list-style-type: none"> Given representations 4.1 Patterns, trends, distributions 4.2 Data displays 4.3.1-4.3.1 Probability of event 4.5.1-4.5.3 Data collection analysis 4.6 Benchmark problems # 	<ul style="list-style-type: none"> Given representations 4.1 Patterns, trends, distributions 4.2 Data displays 4.3.1-4.3.1 Probability of event 4.5.1-4.5.3 Data collection analysis 4.6 Benchmark problems # 	<ul style="list-style-type: none"> Given representations 4.1 Patterns, trends, distributions 4.2 Data displays 4.3.1-4.3.1 Counting techniques 4.4 Probability of event 4.5.1-4.5.3 Data collection analysis 4.6 Benchmark problems #
5. Problem Solving, Reasoning and Proof (process)	<ul style="list-style-type: none"> Problem solving strategies 5.1 Mathematical reasoning and proof 5.2 	<ul style="list-style-type: none"> Problem solving strategies 5.1 Mathematical reasoning and proof 5.2 	<ul style="list-style-type: none"> Problem solving strategies 5.1 Mathematical reasoning and proof 5.2 	<ul style="list-style-type: none"> Problem solving strategies 5.1 Mathematical reasoning and proof 5.2
6. Communication, Representation, and connections (process)	<ul style="list-style-type: none"> Communicate understanding 6.1 Create and use representations 6.2 Mathematical connections 6.3 	<ul style="list-style-type: none"> Communicate understanding 6.1 Create and use representations 6.2 Mathematical connections 6.3 	<ul style="list-style-type: none"> Communicate understanding 6.1 Create and use representations 6.2 Mathematical connections 6.3 	<ul style="list-style-type: none"> Communicate understanding 6.1 Create and use representations 6.2 Mathematical connections 6.3

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