

## 4<sup>th</sup> Grade Year at a Glance 2022 – 2023

Trimester 1 ~63 days September 6 – December 9	Trimester 2 ~59 days December 12 – March 17	Trimester 3 ~57 days March 20 – June 16
<p><b>Unit 1 Multiplication and Division</b>      <b>15 days</b></p> <p>Inv 1 Representing Multiplication with Arrays (8) Inv 2 Finding Factors (4)</p>	<p><b>Unit 5 Addition/Subtraction and The Number System (cont)</b>      <b>15 days</b></p> <p>Inv 2 Studying Subtraction (7) Inv 3 Adding &amp; Subtracting Large Numbers (6)</p>	<p><b>Unit 7 Multiplication and Division (cont)</b>      <b>8 days</b></p> <p>Inv 3 Solving Division Problems (6) <b>Continue to Unit 2 if time permits</b></p> <p style="color: green;">NYS CBT Window May 2<sup>nd</sup> – May 9<sup>th</sup> days TBD</p>
<p><b>Unit 3 Multiplication and Division 2</b>      <b>25 days</b></p> <p>Inv 1 Breaking Apart Multiplication Problems (5) Inv 2 Solving Division Problems (6) Inv 3 Strategies for Multiplication (7)</p>	<p><b>Unit 6 Fraction Cards and Decimal Grids</b>      <b>25 days</b></p> <p><b>Decimal lessons are taught in Tri 3, refer to unit guides</b></p> <p>Inv 1 Parts of Rectangles (3) Inv 2 Comparing Fractions and Decimals (6) Inv 3 Add/Sub Fractions and Decimals (4) Inv 4 Computation with Rational Numbers (4)</p>	<p><b>Unit 2 Generating and Representing Data</b>      <b>10 days</b></p> <p>Inv 1 Modeling with Data (4) Inv 2 Using Data to Compare (3)</p>
<p><b>Unit 4 2-D Geometry &amp; Measurement</b>      <b>15 days</b></p> <p><b>Some sessions are taught in Trimester 3, refer to unit guides</b></p> <p>Inv 1 Linear Measurement (3) Inv 2 Sorting and Classifying Polygons (5) Inv 3 Measuring Angles (4) Inv 4 Symmetry and Area (6)</p>	<p><b>Unit 7 Multiplication and Division 3</b>      <b>12 days</b></p> <p><b>Some sessions to be taught in Trimester 3, refer to unit guides</b></p> <p>Inv 1 Multiplication with 2-digit Numbers (5) Inv 2 Strategies for Multiplication (5)</p>	<p><b>Post – Test Standards</b>      <b>12 days</b></p> <p>Unit 4 Conversion Lessons 1.1, 1.2 Unit 6 Decimals 1.4 – 1.6, 2.7, 2.8, 3.5, 3.6 Unit 7 Measurement 1.1, 1.2, TMM 1.3, 1.7, 2.1</p>
<p><b>Unit 5 Addition/ Subtraction and The Number System</b>      <b>7 days</b></p> <p><b>Strategies in Unit 5 can be streamlined, refer to unit guides</b></p> <p>Inv 1 Studying Addition (6)</p>		<p><b>Unit 8 Analyzing Patterns and Rules</b>      <b>10 days</b></p> <p>Inv 1 Representing and Analyzing Patterns (10)</p>
Trimester 1 Report Card Objectives	Trimester 2 Report Card Objectives	Trimester 3 Report Card Objectives
Use multiplication to solve multiplicative comparison problems. (NY-4.OA.2)	Read and write numbers up to 1,000,000 using base ten numerals, number names & expanded form. (NY-4.NBT.2a)	Compare and order decimals to hundredths by reasoning about their size. (NY-4.NF.7)
Find factors of numbers up to 100 and recognize multiples of 1 digit numbers. (NY-4.OA.4)	Compare 2 numbers up to 1,000,000 using <,=,> symbols. (NY-4.NBT.2b)	Add fractions with denominators of 10 and 100. (NY-4.NF.5)
Multiply 2-digit numbers by 1-digit and small 2-digit numbers. (NY-4.NBT.5)	Multiply two 2-digit numbers and up to a 4-digit number by a 1-digit number. (NY-4.NBT.5)	Solve multi-step word problems having whole-number answers using the four operations. (NY-4.OA.3)
Solve up to 3-digit division problems by 1-digit numbers with remainders. (NY-4.NBT.6)	Multiply a fraction by a whole number. (NY-4.NF.4)	Solve division problems with up to a 4-digit dividend and 1-digit divisor. (NY-4.NBT.6)
Multiply numbers by a multiple of 10. (NY-4.NBT.1)	Compare two fractions with different numerators and denominators. (NY-4.NF.2)	
Draw and identify lines and angles including parallel and perpendicular lines. (NY-4.G.1)	Add and subtract mixed numbers with like denominators. (NY-4.NF.3c)	