

Trimester 1

Unit 1 - Place Value - Whole Numbers & Decimals

Students will be able to:

- Understand that a digit in one place represents $\frac{1}{10}$ of what it represents in the place to its left.
- Use whole-number exponents to denote powers of 10.
- Demonstrate an understanding of rounding decimals to the ones, tenths, hundredths, and thousandths.
- Read, write and compare decimals to the thousandths place.

Timeframe	Resources
Approximately 11 Days	<p><u>Digital/Print Resources</u></p> <ul style="list-style-type: none"> ● Unit 1 Google Slide ● MIF Chapter 1 & Chapter 8 Text ● MIF Reteach, Extra Practice, and Enrichment ● Schoology Resources ● 6 Part Lesson Structure <p><u>Materials/Manipulatives</u></p> <ul style="list-style-type: none"> ● Place Value Charts (TR01) & Place Value Chips ● Number Line (TR02) ● Base 10 Blocks <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ A.2 ○ G.3, G.4, G.5, G.6, G.7, G.9, G.10, G.11 ● TI-15 Calculator ● iPad
Assessment Window	
Late September / Early October	

Unit 2 - Multiplying & Dividing Whole Numbers

Students will be able to:

- Multiply whole numbers up to 3-digit by 3-digit.
- Divide whole numbers up to 4-digit dividends and 2-digit divisors.
- Explain patterns in the number of zeros of the product when multiplying or dividing by a power of 10.
- Understand that when multiplying by a number greater than one, the product will be greater than the factors.

Timeframe	Resources
Approximately 12 Days	<p><u>Digital/Print Resources</u></p> <ul style="list-style-type: none"> ● Unit 2 Google Slide ● MIF Chapter 2 Text ● MIF Reteach, Extra Practice, and Enrichment ● Schoology Resources ● 6 Part Lesson Structure <p><u>Materials/Manipulatives</u></p> <ul style="list-style-type: none"> ● Place Value Charts (TR01) & Place Value Chips <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ C.1, C.2, C.3, C.4, C.5, C.7, C.12, C.13, C.14, C.16, C.18 ○ D.1, D.2, D.3, D.4, D.6, D.7, D.8, D.11, D.12, D.13, D.14, D.15 ● TI-15 Calculator ● iPad
Assessment Window	
Late October	

Unit 3 - Adding & Subtracting Fractions

Students will be able to:

- Add fractions, including mixed numbers, with unlike denominators.
- Subtract fractions, including mixed numbers, with unlike denominators.

Timeframe	Resources	
Approximately 9 Days	<p><u>Digital/Print Resources</u></p> <ul style="list-style-type: none"> ● Unit 3 Google Slide ● MIF Chapter 3 ● Schoology Resources ● 6 Part Lesson Structure <p><u>Materials/Manipulatives</u></p> <ul style="list-style-type: none"> ● Fraction Circles (TR14) ● Strips of Paper (TR15) ● Decimal Models (TR16) ● Tables of Measures (TR17) ● Fraction Tiles <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ K.4, K.5, K.6, K.7 ○ L.6, L.8, L.9, L.10, L.11, L.15, L.18, L.19, L.20, L.21 ● TI-15 Calculator ● iPads 	
Assessment Window		
Mid November		

Trimester 2

Unit 4 - Multiplying & Dividing Fractions

Students will be able to:

- Multiply a fraction, including mixed numbers, by a fraction.
- Divide unit fraction by a whole number and a divide a whole number by a unit fraction.
- Understand that when multiplying by a fraction, the product will be less than the greatest factor and that when multiplying by a mixed number, the product will be greater than the factors.
- Divide whole numbers, and write the remainder as a fraction.

Timeframe	Resources
Approximately 9 Days	<p><u>Digital/Print Resources</u></p> <ul style="list-style-type: none"> ● Unit 4 Google Slide ● MIF Chapter 4 ● Schoology Resources ● 6 Part Lesson Structure
Assessment Window	
Mid December	<p><u>Materials/Manipulatives</u></p> <ul style="list-style-type: none"> ● Connecting Cubes <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ K.4, K.5, K.6, K.7 ○ M.12, M.14, M.14, M.15, M.16, M.24, M.27, M.28 ○ N.1, N.2, N.3, N.4 ○ M.17, M.18 ● TI-15 Calculator ● iPads

Unit 5 - Decimal Computation

Students will be able to:

- Add decimals to hundredths.
- Subtract decimals to hundredths.
- Multiply decimals to hundredths.
- Divide decimals to hundredths (No decimal divisors).
- Explain patterns in the placement of the decimal point when multiplying or dividing by a power of 10.
- Understand that when multiplying by a number greater than one, the product will be greater than the factors.

Timeframe	Resources
Approximately 10 Days	<p><u>Digital/Print Resources</u></p> <ul style="list-style-type: none"> ● Unit 5 Google Slide ● MIF Chapter 9 Text ● MIF Reteach, Extra Practice, and Enrichment ● Schoology Resources ● 6-Part Lesson Structure <p><u>Materials/Manipulatives</u></p> <ul style="list-style-type: none"> ● Place Value Chips ● Number Line (TR33) ● Place Value Chart 3 (TR34, 35, 36, 37) ● Table of Multiplication (TR38, 39, 40) ● Base 10 Blocks ● Table of Division (TR45, 46, 47) <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ H.1, H.2, H.3, H.4 ○ I.3, I.4, I.5 ○ J.3, J.4, J.5 ○ I.2, J.1, J.2 ● Calculator ● iPad (IXL, Xtra Math, etc.)
Assessment Window	
Early January	

Unit 6 - Measurement - Metric, Customary, and Volume

Students will be able to:

- Convert units of customary length, weight, and capacity.
- Convert units of metric length, weight, and capacity.
- Use a formula to find the volume of a rectangular prism.
- Find the volume of a solid figure composed of two rectangular prisms.

Timeframe	
Approximately 12 Days	<p><u>Digital/Print Resources</u></p> <ul style="list-style-type: none"> ● Unit 6 Google Slide ● Schoology Resources ● 6-Part Lesson Structure <p><u>Materials/Manipulatives</u></p> <ul style="list-style-type: none"> ● Connecting Cubes <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ Z.2, Z.3, Z.4, Z.5 ○ Z.8, Z.9, Z.10, Z.11 ○ EE.13, EE.14 ● TI-15 Calculator ● iPads
Assessment Window	
Late January/ Early February	

Unit 7 - Geometry

Students will be able to:

- Identify the x-axis, y-axis, and origin of quadrant I, the x-coordinate and y-coordinate in a coordinate pair, and plot points in quadrant I.
- Interpret real-world problems involving values on a coordinate plane.
- Classify two-dimensional figures based on attributes.

Timeframe	
Approximately 10 Days	<u>Digital/Print Resources</u> <ul style="list-style-type: none"> ● Unit 7 Google Slide ● Schoology Resources ● 6-Part Lesson Structure <u>Technology Resources</u> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ U.1, U.2, U.3, U.4 ○ AA.1, BB.1, BB.2, BB.3, BB.4, BB.5, BB.6, BB.7, BB.8, BB.9 ● TI-15 Calculator ● iPads
Assessment Window	
Mid / Late February	

Trimester 3

Unit 8 - Algebra

Students will be able to:

- Use order of operations to evaluate numerical expressions using parentheses, brackets, and/or braces.
- Write and interpret simple numerical expressions, without solving.
- Write two numerical patterns given two rules.
- Identify relationships between corresponding terms of two different patterns that start with the same number.

Timeframe	Resources
Approximately 12 Days	<p><u>Digital/Print Resources</u></p> <ul style="list-style-type: none"> ● Unit 8 Google Slide ● Schoology Resources ● 6 Part Lesson Structure <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ O.3, O.4 ○ T.3, T.4, T.5 ● TI-15 Calculator ● iPads
Assessment Window	
Mid March	

Unit 9 - Graphing

Students will be able to:

- Choose and create an appropriate title, labels, and scale.
- Solve problems using line plots with fractional data points.
- Answer questions based upon data found on the following: tally, table, chart, pictograph, bar graph, and line graph.
- Display data on the following: tally, table, chart, pictograph, bar graph, and line graph.

Timeframe	Resources
Approximately 10 Days	<p><u>Digital/Print Resources</u></p> <ul style="list-style-type: none"> ● Unit 9 Google Slides ● Schoology Resources ● 6-Part Lesson Structure <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ● Recommended IXL skills covered in this unit: <ul style="list-style-type: none"> ○ W.1, W.2, W.3, W.4, W.5, W.6, W.7, W.10, W.11, W.12, W.15, W.16 ● TI-15 Calculator ● iPads
Assessment Window	
Early April	