

Fifth Grade Mathematics Scope & Sequence

1 st Quarter (9 weeks) 8/14/19-10/10/19	2 nd Quarter (9 weeks) 10/15/19-12/19/19
<ul style="list-style-type: none"> ◆ Unit 0: SEL/Problem Solving Process (5 days: Aug. 14 - Aug. 20) <ul style="list-style-type: none"> ➤ Important Concepts: <ul style="list-style-type: none"> ▪ Social & Emotional Learning ▪ Problem Solving Process/Number Talks ▪ Set up Math Journals ➤ Processing TEKS: 5.1(A), 5.1(B), 5.1(D), 5.1(E) ◆ Unit 1: Extending Whole Number Operations and Algebraic Reasoning (20 days: Aug. 21 - Sept. 19) <ul style="list-style-type: none"> ➤ Big Ideas: positive rational number computations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ estimate, add, subtract, multiply, and divide rational numbers ▪ simplify numerical expressions ▪ solve multi-step problems involving all operations; solving for the unknown ➤ Readiness TEKS: 5.3(K), 5.4 (F), 5.4(B) ➤ Supporting TEKS: 5.3(A), 5.3(B), 5.3(C), 5.4(A), 5.4(E) ➤ Spiraling TEKS: 4.2(B), 4.4(A), 4.4(H), 4.6(D) ◆ Unit 2: Financial Literacy and Extending Decimals (10 days: Sept. 24 - Oct. 7) <ul style="list-style-type: none"> ➤ Big Ideas: to represent, compare, and order positive rational numbers; positive rational number computations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ manage financial resources ▪ compare and order decimals ▪ add and subtract decimals ▪ simplify numerical expressions with decimals ➤ Readiness TEKS: 5.2(B) ➤ Supporting TEKS: 5.10(A), 5.10(B), 5.10(C), 5.10(D), 5.10(E), 5.10(F), 5.2(A), 5.2(C) ➤ Continuing TEKS: 5.3(K), 5.4 (F), 5.3(A) ➤ Spiraling TEKS: 5.4(B) <p style="text-align: center;">Processing Standards: 5.1 A-G Taught Throughout</p>	<ul style="list-style-type: none"> ◆ Unit 3: Intro to Decimal Multiplication and Division (13 days: Oct. 15 - Oct. 31) <ul style="list-style-type: none"> ➤ Big Ideas: positive rational number computations; develop concepts of expressions and equations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ estimate, represent, and solve problems for products and quotients of decimals to the hundredths ▪ simplify numerical expressions with decimals ➤ Readiness TEKS: 5.3(E), 5.3(G) ➤ Supporting TEKS: 5.3(D), 5.3(F) ➤ Continuing TEKS: 5.4(F), 5.3 (A) ➤ Spiraling TEKS: 5.2(B) ◆ Unit 4: Addition and Subtraction of Fractions (12 days: Nov. 6 - Nov. 21) <ul style="list-style-type: none"> ➤ Big Ideas: positive rational number computations; develop concepts of expressions and equations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ estimate, represent, add, subtract, and simplify fractions ➤ Supporting TEKS: 5.3(H) ➤ Continuing TEKS: 5.3(K), 5.3(A) ➤ Spiraling TEKS: 5.3(E), 5.3(G) ◆ Unit 5: Intro to Multiplication and Division of Whole Numbers by a Fraction (10 days: Dec 2 - Dec. 13) <ul style="list-style-type: none"> ➤ Big Ideas: positive rational number computations; develop concepts of expressions and equations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ estimate, represent, solve, and simplify for products and quotients of a whole # by a unit fraction ➤ Readiness TEKS: 5.3(L) ➤ Supporting TEKS: 5.3(I), 5.3(J) ➤ Spiraling TEKS: 5.3(H) <p style="text-align: center;">Processing Standards: 5.1 A-G Taught Throughout</p>

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3 rd Quarter (9 weeks) 1/7/20-3/20/20	4 th Quarter (9 weeks) 3/23/20-5/27/20
<ul style="list-style-type: none"> ❖ Unit 0: SEL (5 days: Jan. 7 - Jan. 13) <ul style="list-style-type: none"> ➤ Important Concepts: <ul style="list-style-type: none"> ▪ Social & Emotional Learning ▪ Problem Solving Process/Number Talks ▪ Set up Math Journals ➤ Processing TEKS: 5.1(A), 5.1(B), 5.1(D), 5.1(E) ❖ Unit 6: Geometry and Measurement (13 days: Jan. 14 - Jan 31) <ul style="list-style-type: none"> ➤ Big Ideas: to understand volume; to classify two-dimensional figures; to select appropriate units of measurements ➤ Important Concepts: <ul style="list-style-type: none"> ▪ solve problems related to perimeter/area/volume ▪ classify two-dimensional as a hierarchy of sets and subsets ▪ conversions within metric and customary systems ➤ Readiness TEKS: 5.4(H), 5.5(A) ➤ Supporting TEKS: 5.6(A), 5.6(B), 5.7(A), 5.4(G) ➤ Spiraling TEKS: 5.3(L) ❖ Unit 7: Patterns on a Coordinate Plane and Data Analysis (12 days: Feb. 10 - Feb. 27) <ul style="list-style-type: none"> ➤ Big Ideas: locations on a coordinate plane; to solve problems by collecting, organizing, displaying, and interpreting data ➤ Important Concepts: <ul style="list-style-type: none"> ▪ generate a numerical pattern and graph in the first quadrant ▪ solve one- and two- step problems using data ➤ Readiness TEKS: 5.4(C), 5.8(C), 5.9(C) ➤ Supporting TEKS: 5.4(D), 5.8(A), 5.8(B), 5.9(A), 5.9(B) ➤ Spiraling TEKS: 5.4(H), 5.5(A) ❖ Unit 8: Making Connections to the STAAR (5 days: Mar. 16 - Mar. 20) <ul style="list-style-type: none"> ➤ Important Concepts: <ul style="list-style-type: none"> ▪ Whole Numbers and Decimal Operations ➤ Continuing/Spiraling TEKS: 5.4(F) 5.4(B) 5.2(B) 5.3(K) 5.3(E) 5.3(G), 5.3(A) 5.3(B) 5.3(C) 5.4(E) 5.2(C), 5.3(D) <p style="text-align: center;">Processing Standards: 5.1 A-G Taught Throughout</p> 	<ul style="list-style-type: none"> ❖ Unit 9: Making Connections to the STAAR (10 days: Mar. 23 - Apr. 3) <ul style="list-style-type: none"> ➤ Important Concepts: <ul style="list-style-type: none"> • Fractions • Coordinate Plane/Geometry and Measurement ➤ Continuing/Spiraling TEKS: 5.3(K) 5.3(L) 5.8(C) 5.4(C) 5.5(A) 5.4(H), 5.3(A) 5.3(H) 5.4(A) 5.3(I) 5.3(J) 5.8(A), 5.8(B) 5.4(D) 5.6(A), 5.6(B) 5.7A ❖ STAAR Window (8 days: April 7-17) ❖ Unit 10: Making Connections Continued (10 Days: Apr. 20 - May 1) <ul style="list-style-type: none"> ➤ Big Ideas: Content Deepening/SSI Round 1 Intervention ➤ Important Concepts <ul style="list-style-type: none"> ▪ problem solving with rational numbers ▪ simplifying expressions ➤ Continuing/Spiraling TEKS: 5.3(E), 5.3(G), 5.3(K), 5.3(L), 5.3(I) ❖ Unit 11: Step up to 6th Grade (10 Days: May 11 - May 22) <ul style="list-style-type: none"> ➤ Important Concepts: <ul style="list-style-type: none"> ▪ essential understandings of decimals ▪ essential understandings of fractions ➤ Continuing/Spiraling TEKS: 5.3(E), 5.3(G), 5.3(K), 5.3(F), 5.3(L), 5.3(A), 5.3(D), 5.3(F), 5.3(H), 5.3(I), 5.3(J) <p style="text-align: center;">Processing Standards: 5.1 A-G Taught Throughout</p>