

Fourth 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: 4.1(A), 4.1(B), 4.1(D), 4.1(E) ❖ Unit 1: Addition and Subtraction of Whole Numbers, Time, and Data Representation (10 days: Aug 21 - Sept. 5) <ul style="list-style-type: none"> ➤ Big Ideas: to develop and use strategies and methods for whole number computations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ add and subtract whole numbers ▪ represent data and use it to solve problems (whole numbers only) ➤ Readiness TEKS: 4.4(A), 4.9(A), 4.5(D), 4.8(C) ➤ Supporting TEKS: 4.9(B) ➤ Spiraling TEKS: 3.4(A), 3.5(A), 3.7(B), 3.8(A) ❖ Unit 2: Foundation of Numbers from 1,000,000,000 to the Hundredths Place, Adding and Subtracting Decimals, Money, and Financial Literacy (20 days: Sept. 6 - Oct. 7) <ul style="list-style-type: none"> ➤ Big Ideas: to represent, compare, and order positive rational numbers; to solve for decimal sums and differences ➤ Important Concepts: <ul style="list-style-type: none"> ▪ to represent, round, compare, and order positive rational numbers up to 1,000,000,000; intro to decimals to the hundredths ▪ intro to add and subtract decimals; relating decimals to fractions ▪ manage financial resources ➤ Readiness TEKS: 4.2(B) ➤ Supporting TEKS: 4.2(A), 4.2(E), 4.2(C), 4.2(D), 4.2(F), 4.2(H), 4.3(G), 4.10(A-E) ➤ Continuing TEKS: 4.4(A), 4.8(C) ➤ Spiraling TEKS: 4.9(A), 4.5(D) <p style="text-align: center;">Processing Standards: 4.1 A-G Taught Throughout</p>	<ul style="list-style-type: none"> ❖ Unit 3: Multiplication of Whole Numbers (10 days: Oct. 15 - Oct. 28) <ul style="list-style-type: none"> ➤ Big Ideas: to develop and use strategies and methods for whole number computations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ represent and solve multi-step problems with multiplication ➤ Readiness TEKS: 4.4(H), 4.5(A) ➤ Supporting TEKS: 4.4(B), 4.4(C), 4.4(D) ➤ Continuing TEKS: 4.5(D), 4.4(G) ➤ Spiraling TEKS: 4.2(B) ❖ Unit 4: Division of Whole Numbers and Number Patterns (12 days: Nov. 6 - Nov. 21) <ul style="list-style-type: none"> ➤ Big Ideas: to develop and use strategies and methods for whole number computations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ represent and solve multi-step problems with division ➤ Readiness TEKS: 4.5(B) ➤ Supporting TEKS: 4.4(E), 4.4(F), 4.8(C) ➤ Continuing TEKS: 4.5(A), 4.4(G) ➤ Spiraling TEKS: 4.4(H) ❖ Unit 5: Fractions (13 days: Dec. 2 - Dec. 18) <ul style="list-style-type: none"> ➤ Big Ideas: to represent and generate fractions to solve problems ➤ Important Concepts: <ul style="list-style-type: none"> ▪ estimating and decomposing fractions ▪ intro to comparison of fractions and decimals ▪ equivalency of fractions ➤ Readiness TEKS: 4.3(D), 4.2(G) ➤ Supporting TEKS: 4.3(B), 4.3(C), 4.3(F) ➤ Continuing TEKS: 4.3(G) ➤ Spiraling TEKS: 4.4(E), 4.4(G), 4.4(F) <p style="text-align: center;">Processing Standards: 4.1 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: 4.1(A), 4.1(B), 4.1(D), 4.1(E) ❖ Unit 6: Adding and Subtracting Fractions and Data Analysis with Decimals and Fractions (10 days: Jan. 14 - Jan 28) <ul style="list-style-type: none"> ➤ Big Ideas: to represent and generate fractions to solve problems ➤ Important Concepts: <ul style="list-style-type: none"> ▪ intro to adding and subtracting fractions ➤ Readiness TEKS: 4.3(E) ➤ Continuing TEKS: 4.9(A), 4.9(B) ➤ Spiraling TEKS: 4.3(D) ❖ Unit 7: Geometry and Intro to Angles (20 days: Feb 12 - Mar 20) <ul style="list-style-type: none"> ➤ Big Ideas: to analyze geometric attributes in order to develop generalizations about their properties; standards to solve problems involving angles less than or equal to 180 degrees ➤ Important Concepts: <ul style="list-style-type: none"> ▪ solve problems related to perimeter, area, and length ▪ classify two-dimensional figures ▪ intro to points, lines, and angles ▪ intro to angle measurements ➤ Readiness TEKS: 4.6(D), 4.7(C) ➤ Supporting TEKS: 4.5(C), 4.6(A), 4.6(B), 4.6(C), 4.7(A), 4.7(B), 4.7(D), 4.7(E) ➤ Continuing TEKS: 4.5(D) ➤ Spiraling TEKS: 4.3(E) <p style="text-align: center;">Processing Standards: 4.1 A-G Taught Throughout</p>	<ul style="list-style-type: none"> ❖ Unit 8: Measurement and Intro to Conversions (10 days: Mar. 23 - Apr. 3) <ul style="list-style-type: none"> ➤ Big Ideas: to select appropriate customary and metric units ➤ Important Concepts: <ul style="list-style-type: none"> ▪ identify sizes of measurement ▪ intro to converting measurements ➤ Supporting TEKS: 4.8(A), 4.8(B) ➤ Continuing TEKS: 4.8(C) ➤ Spiraling TEKS: 4.6(D), 4.7(C) ❖ Unit 9: Making Connections to the STAAR (15 days: Apr. 13 - May 1) <ul style="list-style-type: none"> ➤ Important Concepts: <ul style="list-style-type: none"> • Whole Numbers and Decimal Operations • Fractions • Coordinate Plane/Geometry and Measurement ➤ Continuing/Spiraling TEKS: 4.4(A), 4.4(H), 4.5(A), 4.5(B), 4.2(G), 4.3(D), 4.3(E), 4.6(D), 4.7(C), 4.5(D), 4.8(C), 4.2(D), 4.4(G), 4.4(B), 4.4(C), 4.4(D), 4.4(E), 4.4(F), 4.3(C), 4.3(G), 4.3(A), 4.3(B), 4.3(F), 4.6(A), 4.6(B), 4.6(C), 4.8(A), 4.8(B), 4.7(D), 4.7(E) ❖ STAAR Window (11 days: May 4 - May 18) ❖ Unit 10: Step-up to 5th Grade (5 Days: May 19 - May 26) <ul style="list-style-type: none"> ➤ Important Concepts: <ul style="list-style-type: none"> ▪ place value/problem solving/two-dimensional figures ➤ Continuing/Spiraling TEKS: 4.2(B), 4.4(A), 4.4(H), 4.6(D) <p style="text-align: center;">Processing Standards: 4.1 A-G Taught Throughout</p>