

Third 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: 3.1(A), 3.1(B), 3.1(D), 3.1(E) ❖ Unit 1: Foundation of Numbers up to 1,200, Money, and Data Analysis (10 days: Aug 21 - Sept. 5) <ul style="list-style-type: none"> ➤ Big Ideas: compose and decompose numbers; place value system through the twelve hundreds place ➤ Important Concepts: <ul style="list-style-type: none"> ▪ compare, order, compose, and decompose numbers up to 1,200 ▪ determine the value of a collection of coins and bills ▪ summarize a data set and use it to solve problems ➤ Readiness TEKS: 3.2(A), 3.2(D), 3.8(A) ➤ Supporting TEKS: 3.2(B), 3.4(C), 3.8(B) ➤ Spiraling TEKS: 2.4(C), 2.4(D) ❖ Unit 2: Addition and Subtraction up to 1,000 and Time Intervals (20 days: Sept. 6 - Oct. 7) <ul style="list-style-type: none"> ➤ Big Ideas: to develop and use strategies for whole number computations; to solve problems by collecting, organizing, displaying, and interpreting data ➤ Important Concepts: <ul style="list-style-type: none"> ▪ represent a number on a number line up to 1,000 ▪ round to nearest 10 or 100 or use compatible numbers to estimate ▪ represent and solve problems up to 1,000 ▪ determine the perimeter ▪ addition and subtraction of time intervals ➤ Readiness TEKS: 3.4(A), 3.5(A), 3.7(B) ➤ Supporting TEKS: 3.2(C), 3.4(B), 3.7(C) ➤ Spiraling TEKS: 3.2(D) <p style="text-align: center;">Processing Standards: 3.1 A-G Taught Throughout</p>	<ul style="list-style-type: none"> ❖ Unit 3: Foundation of Numbers up to 10,000, Building an Understanding of Multiplication, and Relating Multiplication to Division (21 days: Oct. 15 - Nov. 14) <ul style="list-style-type: none"> ➤ Big Ideas: compose and decompose numbers; place value system through the ten thousands place; to develop and use strategies and methods for whole number computations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ represent, compose, decompose, and compare numbers up to 10,000 ▪ solve problems with multiplication within 100, including area ▪ determine the relationship between multiplication and division ➤ Readiness TEKS: 3.6(C), 3.5(B), 3.4(K) ➤ Supporting TEKS: 3.4(D), 3.4(E), 3.4(F), 3.5(C), 3.5(D), 3.4(G), 3.4(H), 3.4(J), 3.4(I) ➤ Continuing TEKS: 3.2(A), 3.2(D), 3.2(B) ➤ Spiraling TEKS: 3.8(A) ❖ Unit 4: Foundation of Numbers up to 100,000, Application of Multiplication and Division, and Financial Literacy (14 days: Dec. 2 - Dec. 19) <ul style="list-style-type: none"> ➤ Big Ideas: compose and decompose numbers; place value system through the twelve hundreds place; whole number computations; manage one's financial resources effectively ➤ Important Concepts: <ul style="list-style-type: none"> ▪ represent, compose, decompose, and compare numbers up to 100,000 ▪ problem solving within 100 and determine the area ▪ managing financial resources ➤ Supporting TEKS: 3.9(A), 3.9(B), 3.9(C), 3.9(D), 3.9(E), 3.9(F) ➤ Continuing TEKS: 3.2(A), 3.2(D), 3.4(K), 3.5(B), 3.6(C), 3.2(B), 3.4(G), 3.4(I), 3.4(J) ➤ Spiraling TEKS: 3.4(C) <p style="text-align: center;">Processing Standards: 3.1 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: 3.1(A), 3.1(B), 3.1(D), 3.1(E) ❖ Unit 5: Representing and Comparing Fractions (17 days: Jan. 14 - Feb. 6) <ul style="list-style-type: none"> ➤ Big Ideas: to represent and explain fractional units ➤ Important Concepts: <ul style="list-style-type: none"> ▪ represent fractions ▪ compose and decompose a fraction ▪ partition an object in to fractions ▪ intro to equivalency and comparisons of fractions ➤ Readiness TEKS: 3.3(F), 3.3(H) ➤ Supporting TEKS: 3.3(A), 3.3(B), 3.3(C), 3.3(D), 3.3(E), 3.3(G), 3.7(A) ➤ Spiraling TEKS: 3.6(C) ❖ Unit 6: Algebraic Reasoning (10 days: Feb 28 - Mar. 20) <ul style="list-style-type: none"> ➤ Big Ideas: to analyze and create patterns and relationships; to develop and use strategies and methods for whole number computations ➤ Important Concepts: <ul style="list-style-type: none"> ▪ addition and subtraction strategies ▪ multiplication and division strategies ▪ number pairs in a table and represent the data ▪ decompose figures to determine the area ➤ Readiness TEKS: 3.5(E) ➤ Supporting TEKS: 3.6(D) ➤ Continuing TEKS: 3.4(A), 3.4(K), 3.4(G), 3.5(A), 3.5(B), 3.5(D), 3.8(A), 3.8(B) ➤ Spiraling TEKS: 3.2(D) <p style="text-align: center;">Processing Standards: 3.1 A-G Taught Throughout</p>	<ul style="list-style-type: none"> ❖ Unit 7: Two-Dimensional Shapes & Three-Dimensional Solids/Measurement (13 days: Mar. 23 - Apr. 8) <ul style="list-style-type: none"> ➤ Big Ideas: to analyze attributes of two-dimensional figures; to solve problems involving customary and metric measurements ➤ Important Concepts: <ul style="list-style-type: none"> ▪ classify and sort two- and three- dimensional figures ▪ determine perimeter and area; including a missing length ▪ determine appropriate units of measurement ➤ Readiness TEKS: 3.6(A) ➤ Supporting TEKS: 3.6(B), 3.6(E), 3.7(D), 3.7(E) ➤ Continuing TEKS: 3.7(B), 3.6(C), 3.6(D) ➤ Spiraling TEKS: 3.5(E) ❖ Unit 8: 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 • Fractions • Geometry and Measurement ➤ Continuing/Spiraling TEKS: 3.2(D), 3.3(F), 3.3(H), 3.4(A), 3.5(A), 3.5(E), 3.4(K), 3.5(B), 3.6(A), 3.7(B), 3.6(C), 3.3(A), 3.3(B), 3.3(E), 3.7(A), 3.3(C), 3.3(D), 3.6(E), 3.3(G), 3.4(B), 3.4(D), 3.4(E), 3.4(F), 3.4(G), 3.5(C), 3.5(D), 3.4(H), 3.4(I), 3.4(J), 3.4(C), 3.6(D), 3.7(C), 3.7(D), 3.7(E) ❖ STAAR Window (11 days: May 4 - May 18) ❖ Unit 9: Step up to 4th Grade (5 Days: May 19 - May 26) <ul style="list-style-type: none"> ➤ Important Concepts: <ul style="list-style-type: none"> ▪ solving problems with fluency and multiple representations ➤ Continuing/Spiraling TEKS: 3.4(A), 3.4(K), 3.5(A), 3.5(B), 3.8(B) <p style="text-align: center;">Processing Standards: 3.1 A-G Taught Throughout</p>