

Kindergarten 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: The First Five Days (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: K.1(A), K.1(B), K.1(D), K.1(E) ❖ Unit 1: Number Concepts 0-5 and Reciting Numbers to 30 (20 days: Aug. 21 - Sept. 19) <ul style="list-style-type: none"> ➤ Big Ideas: Understand whole number concepts to 5 and count to 30 ➤ Important Concepts: <ul style="list-style-type: none"> ▪ recite numbers up to 30 by 1's and 10's and count forward and backwards up to 5 ▪ read, write, and represent whole numbers to 5 ▪ compare, compose, decompose, and generate a number that is one more than or one less than another number up to 5 ➤ Readiness TEKS: K.2(B), K.2(H), K.2(I) ➤ Supporting TEKS: K.5(A), K.2(A), K.2(F), K.2(C), K.2(D), K.2(E), K.2(G) ❖ Unit 2: Addition and Subtraction of Whole Numbers up to 5 (10 days: Sept. 24 - Oct. 7) <ul style="list-style-type: none"> ➤ Big Ideas: to develop an understanding of addition and subtraction situations up to 5 ➤ Important Concepts: <ul style="list-style-type: none"> ▪ joining for addition up to 5 ▪ separating for subtraction within 5 ▪ solve word problems up to 5 ➤ Readiness TEKS: K.3(B) ➤ Supporting TEKS: K.3(A), K.3(C) ➤ Spiraling TEKS: K.2(B), K.2(I), K.2(H) (up to 5) <p style="text-align: center; margin-top: 20px;">Processing Standards: K.1 A-G Taught Throughout</p>	<ul style="list-style-type: none"> ❖ Unit 3: Number Concepts to 10 and Reciting Numbers to 60 (20 days: Oct. 15 - Nov. 13) <ul style="list-style-type: none"> ➤ Big Ideas: Understand whole number concepts to 10 and count to 60 ➤ Important Concepts: <ul style="list-style-type: none"> ▪ recite numbers up to 60 by 1's and 10's and count forward and backwards up to 10 ▪ read, write, and represent whole numbers to 10 ▪ compose, decompose, and generate a number that is one more than or one less than another number up to 10 ▪ compare numbers up to 10 ➤ Continuing TEKS: K.2(B), K.2(H), K.2(I), K.5(A), K.2(A), K.2(F), K.2(C), K.2(D), K.2(E), K.2(G) ➤ Spiraling TEKS: K.3(B) (up to 5) ❖ Unit 4: Addition and Subtraction of Whole Numbers up to 10 and Data Analysis (15 days: Nov. 20 - Dec. 18) <ul style="list-style-type: none"> ➤ Big Ideas: to develop an understanding of addition and subtraction situations up to 10. to organize data to make it useful for interpreting information and solving problems ➤ Important Concepts: <ul style="list-style-type: none"> ▪ joining for addition up to 10 ▪ separating for subtraction within 10 ▪ solve word problems up to and within 10 ▪ Representing data and drawing conclusions whole numbers up to 10 ➤ Readiness TEKS: K.8(B), K.8(C) ➤ Supporting TEKS: K.8(A) ➤ Continuing TEKS: K.3(B), K.3(A), K.3(C) ➤ Spiraling TEKS: K.2(B), K.2(I) (up to 10) <p style="text-align: center; margin-top: 20px;">Processing Standards: K.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: The First Five Days (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: K.1(A), K.1(B), K.1(D), K.1(E) ❖ Unit 5: Number Concepts up to 20 and Reciting Numbers to 100 (20 days: Jan. 14 - Feb. 11) <ul style="list-style-type: none"> ➤ Big Ideas: Understand whole number concepts to 20, count to 100 ➤ Important Concepts: <ul style="list-style-type: none"> ▪ recite numbers up to 100 by 1's and 10's ▪ read, write, represent, and count forward and backwards to 20 ▪ generate a number that is one more than or one less than another number up to 20 ▪ compare numbers up to 20 ▪ representing data and drawing conclusions ➤ Continuing TEKS: K.2(B), K.2(H), K.5(A), K.2(A), K.2(F), K.2(C), K.2(D), K.2(E), K.2(G) ➤ Spiraling TEKS: K.8(B), K.8(C) ❖ Unit 6: Intro to Money and Financial Literacy (10 days: Feb. 19 - Mar. 8) <ul style="list-style-type: none"> ➤ Big Ideas: to identify coins in order to recognize the need for monetary transactions and manage one's financial resources effectively ➤ Important Concepts: <ul style="list-style-type: none"> ▪ identify U.S. coins by name ▪ income vs. gifts/wants vs. needs ▪ ways to earn income ➤ Supporting TEKS: K.4(A), K.9(A), K.9(B), K.9(C), K.9(D) ➤ Spiraling TEKS: K.2(B), K.2(I) <p style="text-align: center;">Processing Standards: K.1 A-G Taught Throughout</p>	<ul style="list-style-type: none"> ❖ Unit 7: Intro to Two-Dimensional Shapes & Three-Dimensional Solids (20 days: Mar. 23 - Apr. 20) <ul style="list-style-type: none"> ➤ Big Ideas: to analyze attributes of two-dimensional and three-dimensional shape solids to develop generalizations about their properties ➤ Important Concepts: <ul style="list-style-type: none"> ▪ circles, triangles, rectangles, and squares as special rectangles ▪ cylinders, cones, spheres, and cubes ▪ classify and sort ▪ identify attributes of ➤ Readiness TEKS: K.6(E) ➤ Supporting TEKS: K.6(A), K.6(D), K.6(F), K.6(B), K.6(C) ➤ Spiraling TEKS: K.4(A) ❖ Unit 8: Measurement (10 days: Apr. 27 - May 8) <ul style="list-style-type: none"> ➤ Big Ideas: to directly compare measurable attributes ➤ Important Concepts: <ul style="list-style-type: none"> ▪ Compare two objects by describing the difference; more of or less of ▪ Give examples of measurable attributes in length, capacity, and weight ➤ Readiness TEKS: K.7(B) ➤ Supporting TEKS: K.7(A) ➤ Spiraling TEKS: K.6(E) ❖ Unit 9: Step up to 1st Grade (5 Days: May 18 - May 22) <ul style="list-style-type: none"> ➤ Big Ideas: to develop a strong foundation in number concepts ➤ Important Concepts: <ul style="list-style-type: none"> ▪ reciting numbers up to 100 ▪ number concepts up to 20 ▪ addition and subtraction up to 10 ➤ Continuing/Spiraling TEKS: K.2(B), K.2(I), K.3(B), K.5(A), K.2(A), K.2(F), K.2(C), K.2(D), K.2(E), K.2(G), K.3(A), K.3(C) <p style="text-align: center;">Processing Standards: K.1 A-G Taught Throughout</p>