



<p><u>Routines and Data</u> (5 weeks)</p> <ul style="list-style-type: none"> Establishes routines Counts and represents a number by using numerals Represents numbers in terms of tens and ones using counters and pictures Compares using greater than, less than, and equal to Uses the strategies of counting on and counting back to understand number relationships Poses information questions Collects data Organizes and records results using tallies, tables, picture graphs, and bar graphs <p><u>Understanding Operations</u> (4 weeks)</p> <ul style="list-style-type: none"> Constructs a solid understanding of addition and subtraction Cultivates an understanding of how addition and subtraction affect quantities and are related to each other Uses multiple representations and strategies to create, describe, and solve story problems Composes and decomposes numbers up to 10 Knows the addition and subtraction facts to 10 Improves counting and number fact knowledge and fluency Develops base ten understanding as a foundation for place value Develops informal strategies for sharing quantities fairly between 2 to 5 people Uses money as a context for collecting, exchanging, and operating on quantities less than 50 	<p><u>Understanding Operations (continued)</u> (2 weeks to complete unit if necessary)</p> <p><u>Fun with Shapes</u> (4 weeks)</p> <ul style="list-style-type: none"> Studies and creates two and three dimensional figures Identifies basic figures within two and three dimensional figures Compares, contrasts and classifies geometric shapes Arranges and describes objects in space Solves simple problems including those involving spatial relationships Investigates and predicts the results of putting together and taking apart two and three dimensional shapes Creates mental images of geometric shapes using spatial memory and spatial visualization Relates, identifies and labels fractions (halves, fourths) as equal parts of a whole <p><u>How Can I Measure and Compare?</u> (3weeks)</p> <ul style="list-style-type: none"> Compares the length, weight or capacity of two or more objects Orders the length, weight or capacity of two or more objects Uses a non-standard unit to estimate and measure an object Creates and uses a “ruled” stick, tape or container 	<p><u>How Can I Measure and Compare? (continued)</u> (2 weeks)</p> <ul style="list-style-type: none"> Tells time to the nearest hour and half hour Understands that the movement of the minute hand is related to the movement of the hour hand Calendar time (Knows days, weeks and months) Compares duration of events Compares the sequence of events <p><u>Stepping Up to Bigger Numbers</u> (5 weeks)</p> <ul style="list-style-type: none"> Counts quantities up to 100 and represents them in multiple ways Compares quantities using greater than, less than, and equal to Estimates, models, compares, orders and represents whole numbers to 100 Uses multiple models to develop initial understandings of the base-ten number system Makes number sequences and represents them on the number line and in the hundreds chart Uses money as a context for collecting, exchanging and operating with quantities less than 50 <p><u>Revisiting Operations</u> (2 weeks)</p> <ul style="list-style-type: none"> Reviews how addition and subtraction are related Counts and represents numbers Revisits equal parts and fractions 	<p><u>Revisiting Operations</u> (3 weeks)</p> <ul style="list-style-type: none"> Revisits more than, less than, and equal to Revisits skip counting by 2s, 5s, and 10s Revisits adding and subtracting facts to 18 Builds fluency in solving addition and subtraction problems without regrouping Revisits strategies to solve problems Introduces multiplication and division situations and operations <p><i>Preview 2nd Grade Standards and Elements</i></p> <p>Unit timelines are suggestions.</p>
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Teaching, Learning, Caring

All units will include Skills to Maintain, the Process standards, and Writing Across the Curriculum.