Students will be able to…   *NUMBER SENSE AND OPERATIONS*

- Recite, read, and write numbers by ones, twos, fives and tens to 100.
- Count backward from 12.
- Identify cardinal and ordinal numbers and their uses.
- Identify odd and even numbers up to 50 and determine if a set of objects has an odd or even number of elements.
- Know addition facts to 12 and related subtraction facts and use them to accurately solve problems.
- Double, add one, and add zero.
- Demonstrate an understanding of the various meanings of addition and subtraction; addition as combination (*plus, combined with, more*); subtraction as comparison (*how much less, how much more*).
- Solve addition sentences.
- Write and solve number sentence. (*addition & subtraction*)
- Understand the inverse relationship between addition and subtraction. (*including fact families*)
- Represent number stories with counters and simple drawings.
- Name and write in numerals whole numbers to 100 and identify place value.
- Solve story problems.
- Compare whole numbers using terms and symbols. (*less than, equal to, greater than*)
- Demonstrate an understanding of greater than, less than, and equal to.
- Identify more and fewer.
- Know and compare the value of pennies, nickels, dimes, quarters, & dollar bills; make exchanges between coins.
- Recognize wholes, halves, quarters, thirds, and fractions as equal parts of a whole.

Students will be able to…   *PATTERNS, RELATIONS, AND ALGEBRA*

- Sort blocks by attributes of color, shape, and size.
- Identify, reproduce, describe, extend, and create simple rhythmic, shape, size, number, color, and letter repeating patterns.
- Recognize odd and even number sequences.
- Construct and solve simple open sentences.
- Write number sentences using + and – to represent mathematical relationships in everyday situations.
- Identify patterns on hundreds charts.

Students will be able to…   *GEOMETRY*

- Recognize shapes that have symmetry.
- Identify and draw 2-dimensional shapes. (*number of corners, faces, and sides, recognize same size and shape*)
- Predict the results of putting shapes together and taking them apart.
- Investigate symmetry of 2 dimensional shapes with mirrors and by paper folding
- Recognize geometric shapes and structures in the environment.
- Identify relative positions. (*closer, farther, higher, lower*)
- Find and name locations on maps and express simple relationships. (*near to, far away from*)

Students will be able to…   *MEASUREMENT*

- Use non-standard units of measurement to measure, compare, and represent common objects.
- Read and write time on analog and digital clocks to the hour and half hour.
- Measure and explore common objects using metric and English units of length and measurement. (*centimeter and inch*)
- Compare the length and weight of two or more objects by using direct comparison.
- Select and correctly use the appropriate measurement tools. (*ruler, balance scale, thermometer*)

Students will be able to…   *DATA ANALYSIS, STATISTICS AND PROBABILITY*

- Use graphs to answer simple questions and draw conclusions.
- Collect and organize data to create tally charts.
- Describe events using likely, likely, and impossible outcomes by conducting experiments using spinners, counters, and other concrete objects.