Time Frame	Unit	Standards	Evidence of Understanding	Assessment
1st 9 weeks	**Operations and Algebraic Thinking Number and Operations in Base Ten**	• Use the four operations with whole numbers to solve problems. - Gain familiarity with factors and multiples. -Generate and analyze patterns. -Use place value understanding and properties of operations to perform multi-digit arithmetic.	Students will be able to: Add, subtract, multiply, and divide multi-digit numbers using a variety of strategies. • Identify factors, multiples, prime numbers, and composite numbers. Identify a pattern that follows a given rule continue a pattern after identifying the rule • Know all multiplication facts through 10 X 10 (ongoing target throughout year)	**Progression in Mathematics tests** **Observation** **Checklists**
2nd 9 weeks	**Number and Operations with Fractions**	**Extend understanding of fraction equivalence and ordering.** • **Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.** • **Understand decimal notation for fractions, and compare decimal fractions.**	By the end of this Unit students will be able to: • Identify and create equivalent fractions • Compare and order fractions • Add and subtract fractions with like denominators • Multiply fractions by whole numbers • Represent and compare decimals and relate to fractions (tenths and hundredths only) • Identify and create equivalent	**Progression in Mathematics tests** **Observation** **Checklists**
3rd 9 weeks	**Measurement and Data**	• **Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.** • **Represent and interpret data.** • **Geometric measurement: understand concepts of angle and measure angles.**	By the end of this Unit students will be able to: • Convert common measurement units within one system of units (feet-inches, minutes-seconds, etc.) • Identify and create bar graphs, line graphs, and line plots. • Identify median, mode, and range of a set of data. • Identify all possible outcomes using items from sets.	**Progression in Mathematics tests** **Observation** **Checklists**
4th 9 weeks	**Measurement and Data/ Geometry**	• Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. • Represent and interpret data. • Geometric measurement: understand concepts of angle and measure angles. Draw and identify lines and angles, and classify shapes by properties of their lines and angles.	By the end of this Unit students will be able to: • Identify and draw points, lines (intersecting, perpendicular, parallel), rays, angles (right, acute, obtuse), and types of triangles • Locate points on a coordinate grid (first quadrant only) • Identify and describe slides, flips, and turns, and whether or not two shapes or attributes are congruent • Measure angles	**Progression in Mathematics tests** **Observation** **Checklists**