

INSTRUCTIONAL OBJECTIVES

Math – First Quarter

Sixth Grade

The student will:

- Add, subtract, multiply, divide decimals
- Complete and write rules for patterns
- Evaluate algebraic expressions
- Solve one-step equations
- Simplify expressions using order of operations
- Apply the distributive property

INSTRUCTIONAL OBJECTIVES

Math – Second Quarter

Sixth Grade

The student will:

- Apply divisibility rules
- Write equations using fractions
- Compare, order and simplify fractions
- Write fraction – decimal equivalencies
- Add, subtract, multiply, and divide fractions

INSTRUCTIONAL OBJECTIVES

Math – Third Quarter

Sixth Grade

The student will:

- Multiply/divide fractions and mixed numbers
- Choose appropriate customary measurements
- Convert customary measurements
- Compute with customary measurements
- Write ratios
- Find and apply unit rates
- Recognize and complete proportions
- Find and apply scales to maps & drawings
- Convert fractions/decimals/percents
- Find percent of a number and apply percents
- Calculate mean, median, and mode
- Read graphs (bar, line, circle, stem-leaf)

INSTRUCTIONAL OBJECTIVES

Math – Fourth Quarter

Sixth Grade

The student will:

- Identify basic geometric terms (point, line, segment, ray, plane)
- Classify angles (acute, obtuse, right, straight)
- Classify triangles (acute, obtuse, right, isosceles, scalene, equilateral)
- Identify congruent and similar polygons
- Find perimeter and area of parallelogram, triangle, circle
- Identify parts of three dimensional solids
- Find volume of cylinders and rectangular prisms
- Find the probability of an event