

5th Grade Math

1st Nine Weeks

Personal Financial Literacy (4 days)

- Define income tax, payroll tax, sales tax and property tax
- Explain difference between gross income and net income

Decimals (17 days)

- Decimals through thousandths
- Rounding decimals to tenths and hundredths
- Estimate to determine solutions
- Compare and order decimals to thousandths using $>$, $<$, or $=$
- Add and subtract decimals fluently

Decimal Operations (17 days)

- Estimate to determine solutions
- Multiply with fluency 3-digit by 2-digit
- Divide 4-digit dividend by 2-digit divisor
- Represent multiplication with objects and models
- Represent division using objects and models
- Solve for products of decimals to hundredths
- Solve for quotients of decimals to hundredths

CBA 1

2nd Nine Weeks

Add and Subtract Fractions (12 days)

- Add and subtract fractions fluently
- Identify prime and composite numbers
- Add and subtract fractions with unequal denominators using objects and models
- Estimate to determine solutions when add and subtract fractions

Multiply and divide unit fractions and whole numbers (15 days)

- Divide whole numbers by unit of a fraction using objects and models
- Represent division of a unit fraction by a whole number and division of a whole number by unit fraction
- Estimate to determine solutions involving multiplication or division

Algebra expressions/equations (13days)

- Simplify numerical expressions with 2 levels grouping GEMDAS without "e"
- Describe meaning of parentheses and brackets in expressions
- Balancing budgets
- Represent/solve whole number equations

Two dimensional figures (5 days)

- Classify 2D figures using graphic organizers

CBA 2

3rd Nine Weeks

Patterns and Graphing (8 days)

- Generate a numerical pattern when given a rule of $y=ax$ or $y= x+a$
- Graph in the first quadrant and describe the process for graphing ordered pairs
- Distinguish between additive and multiplicative patterns
- Describe coordinate plane including axes and origin

Area, Perimeter and Volume (12 days)

- Represent and solve problems related to perimeter, area and volume
- Use objects and models to develop formulas for volume of a prism and cube
- Define a unit cube and describe its relationship to volume
- Determine volume using area of base times the number of layers

Pre-STAAR Benchmark

Measurement/Conversions/Data (17 days)

- Convert within a measurement system (metric or customary)
- Solve one-and two step problems using data from a frequency table, dot plot, bar graph, stem and leaf plot or scatterplot

Personal financial literacy (7 days)

- Different methods of payment including check, credit card, debit card, and electronic payments
- System for keeping and using financial records

4th Nine Weeks

STAAR BLITZ (15 days)

- Review targeted TEKS from assessed curriculum
- Utilize data from benchmark to identify weaknesses.
- Close gaps.

STAAR EXAM April 10-11

Bridge to 6th grade (20 days)

Rational Numbers & Operations (10 days)

- Classify rational numbers
- Add and Subtract decimals
- Add and Subtract fractions
- Multiply and Divide decimals
- Multiply and Divide fractions
- Mixed Practice

Fraction, Decimal, Percent or FDP Conversions (10 days)

- Model benchmark fractions using 100 grids and strips
- Convert FDP
- Compare FDP
- Order FDP