ALGEBRA AND PROBLEM SOLVING
- Pattern Block Sequences
- Numerical Sequences (Arithmetic, Geometric, Finite Differences, Fibonacci)
- Given the domain and range, does this describe a function
- Problem Solving with Algebra
- Determine the slope of a line – Write the equation of the line
- Coordinates, Lines, Graphs

DECIMALS, RATIOS, PERCENTS

PROBABILITY
- Probability of single event
- With and without replacement
- And (intersection)   Or (union)
- Tree diagrams
- Venn diagram
- Counting problems
- Mutually exclusive
- Expected value
- Odds
- Sample space
- Permutations and Combinations
- Pascal's Triangle

STATISTICS
- Interpret Stem-and-Leaf Plot
- Draw Histogram
- Circle Graph
- Line Plot
- Box-and-Whisker Plot
  - Construct
  - Interquartile range
  - Outliers
- Mean
- Median
- Mode
- Find standard deviation
- Normal Curve – 68, 95, 99.7%
- Z-scores