



Algebra

Students learn to understand patterns, relations, functions, use of models and algebraic symbols to analyze mathematical situations.

- ◆ Sort, classify, and order objects by size, number, and other properties
- ◆ Recognize, describe, extend, and make generalizations about geometric and numeric patterns
- ◆ Represent and analyze patterns and functions, using words, tables, and graphs
- ◆ Identify such properties as commutativity, associativity, and distributivity and use them to compute with whole numbers
- ◆ Represent the idea of a variable as an unknown quantity using a letter or a symbol
- ◆ Express mathematical relationships using equations
- ◆ Model problem situations with objects and use representations such as graphs, tables, and equations to draw conclusions
- ◆ Investigate how a change in one variable relates to a change in a second variable