



Smart Tutor's **Algebra for Elementary Students** is a complete approach to learning algebra, using a highly interactive, online curriculum. Lessons incorporate explicit instruction, specific corrective feedback, guided practice and animated interactive activities to engage today's learners!

## Automatic Adaptive Instruction!

Our lessons enable students to:

- 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

