

A Modeling Approach to Algebra

Materials List Unit 0-5

- Data about the school
- Colored pencils
- Colored paper
- Cubes (Unifix Cubes)
- Coins or chips of 2 different colors
- Copies of the Coin Switcheroo game board
- Paper
- Grid paper
- Straightedges
- Pattern blocks
- Pencils
- Ruler
- Scissor
- Toothpicks
- Paper on which line segments can be drawn
- Algebra tiles
- Notebook paper
- Unmarked containers of different sizes
- Fill (for example, water, uncooked rice, or sand)
- Bucket or tray
- Sticky notes
- Spreadsheet
- Measuring tape
- Construction paper
- Card stock
- Tracing paper
- Master copy
- Clay
- Chess board or 8 by 8 grid of 1" squares
- Markers
- Internet access
- Two-color counters
- Cubes
- Graphing calculator
- Letter-size sheets of paper
- Tape
- Paper (not 8 ½ by 11)
- Chart
- Tower of Hanoi game
- Coins (or virtual manipulatives)
- Paper towel sheets
- Medicine dropper
- Colored water
- Dice
- Cards
- Balls
- Adhesive tape
- Video recorder
- Different type of rope (about 1.5 m)
- Meter stick or metric tape
- Rope about 25 m long
- Doll action figures
- Box of uniform rubber bands
- Algebra tiles
- Dot paper
- Clay, dough, or marshmallows
- Unusually shaped bottles
- Counters
- Transparencies and/or tracing paper
- 29-row hexagonal template
- String/Rope
- Adhesive/ masking tape
- Inch-cubes
- Compass
- Straws