

Materials for *Making Connections, Foundations for Algebra: Course 1*

The Teacher Guide at the front of each chapter includes a list of the necessary and optional materials for that chapter. Below is a compiled list of materials that will need to be acquired if they are not already available as existing classroom supplies.

Highly recommended:

- Computer Lab access – Lessons 2.2.1 and 4.2.2 will be most effective if students can be in a Computer Lab with Internet access. The Technology Tools available at cpm.org/technology can also be projected in the classroom with a single computer, but will not be as powerful a learning tool as when students perform the operations themselves. While activities are provided for teachers that do not have access to technology, the dynamic tool will provide the students with a deeper understanding of the concepts involved.

Necessary Materials for Frequent Use

This list includes necessary materials that will be relied on frequently for student use. **Note:** Basic teacher supplies (such as a dry erase or chalk board, markers, chalk, copy paper, overhead projector or document camera and blank transparencies for copying resource pages) are not included in these lists, nor are basic student supplies such as paper, pencils, and erasers.

- *Making Connections, Course 1* Student Toolkits, binders, or spiral-bound notebooks (for students' Learning Logs)
- Poster paper and markers
- Base Ten Blocks
- Calculators
- Colored pencils
- Graph paper
- Rulers marked with inches and centimeters
- Sticky notes
- Tape
- Paper clips
- Pennies, 60 - 70 per team
- Scissors, one or two per team

Necessary Materials for Specific Lessons

This list includes materials that are equally necessary but are used for only a few specific lessons. The materials are listed with the corresponding lesson numbers in parentheses.

Note: Lesson numbers in parentheses indicate the lessons in which the item is needed.

- Sticky dots (1.1.1, 4.1.1, 4.1.2, 10.3.1)
- Permanent marker (1.1.2)
- Small beans of two colors (1.1.4, 4.3.1)
- Two wide-mouthed jars (1.1.4, 4.3.1)
- Small scoop (or cup to use as a scoop) (1.1.4, 4.3.1)
- Zip top baggies (1.2.1)
- Timing device (1.3.1, 1.3.3, 9.2.1)
- Centimeter or multilink cubes, (1.3.2, 7.1.2)
- Blank paper (2.1.3, optional for 5.1.1)
- Envelopes or small bags (2.2.1, 10.3.1)
- Tile spacers (resource page option provided) (2.2.3, 3.4.1, 3.4.2, 3.4.5)
- Number cubes or dice (2.3.2, 10.1.3)
- Playing cards, one standard deck (3.1.1, 3.3.1)
- Pattern Blocks (resource page options provided) (3.2.1)
- Two ropes, approximately 40 ft. each in length (4.1.2)
- Poster paper with grid (optional for 4.1.1, 4.1.2, 8.2.4)
- Measuring tapes (4.2.1)
- Straws or raw spaghetti (5.1.1, 7.2.1)
- Protractors (5.1.2, optional for 5.1.3)
- Colored cubes or other manipulatives (5.2.1, 5.2.3, 10.1.1)
- Clear plastic bag (5.2.1)
- Paper bags, two per team (5.2.3)
- Boxes, a few of varying dimensions (7.1.1)
- Butcher paper (9.2.1)
- Wind-up toys (9.2.1)
- Can of three tennis balls (9.2.5)
- String (9.2.5)
- Bubble solution and wands (9.2.5)
- Construction paper, a few sheets per team (9.2.5)
- Scientific calculators, one per team (9.2.5)
- Beaker, small (9.3.4)
- Popcorn (9.3.4)

Optional Materials:

These items are optional materials that will enhance the lesson (provided in parentheses), but are not crucial for the lesson activity.

- Envelopes or small bags (if not using technology tool for Lesson 2.2.1)
- Overhead Base Ten Blocks (3.3.3)
- Poster paper with grid (4.1.1)
- AngLegs (by Classroom Products) (5.1.1)
- Modeling clay (5.1.1)
- Modeling clay (5.1.1)
- Licorice lengths, approximately 2 per student (7.2.1)
- Square tiles and toothpicks (8.1.1)