

Course 2 Materials

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 purchased if they are not already available as existing classroom supplies.

Highly recommended:

- Computer Lab access – Lessons 2.1.2, 2.2.1, and 2.3.3 will be most effective if students can be in a Computer Lab with Internet access. The Technology Tools available at cpm.org 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. There are also a number of additional days when a classroom computer with projector will enhance the lesson. For each of these days, an alternative lesson is provided.

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.

<ul style="list-style-type: none">• <i>Making Connections, Course 2</i> Student Toolkits, binders, or spiral-bound notebooks (for students' Learning Logs)• Poster paper and markers (for student presentations)• Colored pencils• Algebra Models™ algebra tiles (by Classroom Products™ and available through CPM) OR cardstock to make paper algebra tiles from the resource pages provided in Chapter 3. Either set you choose needs to include overhead algebra tiles. See www.cpm.org for more information.	<ul style="list-style-type: none">• Graph paper• Poster graph paper• Scissors (one pair per team, or several pairs for the class to share)• Centimeter rulers and straightedges• Tape
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Necessary Materials for Specific Lessons

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

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

<ul style="list-style-type: none"> • Colored Paper (1.1.1) • Glue Sticks (1.1.1) • Envelopes (1.1.1) • Square tiles (resource page option provided) (1.1.2, 11.4.2) • Scientific Calculators (1.1.5, 1.3.2, 9.3.3, Section 10.1) • Bobby pins or paper clips (to make spinners) (1.2.1, 11.2.4) • Coins, one per pair of students (1.2.2) • Tile Spacers (resource page alternative provided) (2.1.2) • Index cards (2.3.1, 3.1.4, 3.2.3) • Sticky notes (4.2.2) • Sticky dots (4.2.2, 5.2.3, 6.1.4, Ch 6 Extension Activity) • Tracing Paper (or patty paper or waxed paper) (2.2.3 (opt.), 4.3.2, 5.3.1) • Protractors (5.3.1, 5.3.2, 11.4.1) • Compass (5.3.2) 	<ul style="list-style-type: none"> • Yarn or string, 6 pieces each approximately 15 ft. long (6.1.1) • Pattern blocks (resource page option provided) (9.2.1) • Small cubes (such as interlocking cubes, centimeter cubes, or 1-blocks from sets of Base Ten Blocks) (10.2.1, 11.3.2) • Model of a prism (such as a box or a commercially-produced model) (10.2.5) • Model of a cylinder (such as a cardboard tube or commercially-produced model) (10.2.5) • 8.5" by 11" transparency or cardstock (10.2.6) • Rice or small beans (10.2.6) • Playing cards (one deck per team) (11.2.1) • Random number generator (see technology notes for lesson) (11.2.2)
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Optional Materials

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

- *Sir Circumference and the Isle of Immeter*, by Neuschwander and Geehan (1.1.2), 2006
- *If You Hopped Like a Frog*, by Schwartz and Warhola (1.1.4), 1999
- Plastic sheet protectors (1.2.1)
- Dry erase or overhead pens (1.2.1)
- Large protractor (For demonstration in Lesson 5.3.1)
- Sidewalk chalk and string (5.3.3)
- Two ropes, approximately 30 ft. each in length (Ch 6 Extension Activity)
- Place markers (such as plastic cups of yogurt containers (Ch 6 Extension Activity)
- Various models of three-dimensional shapes including prisms, cylinders, cones and pyramids (Section 10.2)
- Cereal box (for demonstration) (10.2.5)
- Cardboard box (for demonstration) (10.2.5)
- Paper towel roll and string (11.4.1)
- Toothpicks (11.4.2)