

Materials List

What You'll Need in Your Math Kit

You'll use the following materials regularly in *Second Grade Math with Confidence*. Stash them in a box or basket and always keep them ready for your next lesson. (See pages 7-8 in the Introduction for more detailed descriptions of each item.)

- Base-ten blocks (at least 100 units, 20 rods, 10 flats, and 1 large cube)
- 50 small counters
- Coins (20 pennies, 20 nickels, 10 dimes, 8 quarters)
- Play money (10 each of one-dollar bills, five-dollar bills, ten-dollar bills, twenty-dollar bills, and hundred-dollar bills)
- Clock with hands
- 1-foot (or 30-centimeter) ruler, labeled with both inches and centimeters
- Two packs of playing cards and two regular, six-sided dice
- Blank paper
- Pencils
- 3 page protectors
- Dry-erase marker
- Binder with page protectors, optional

Other Supplies

Besides your Math Kit, you'll also need the following household items. You'll only need most of them once or twice, so you don't need to gather them ahead of time or store them separately. Check the weekly previews for the specific household items you'll need for each week's lessons. Items marked with an asterisk are needed for the optional enrichment lessons (the fifth lesson each week).

- *20 items from your child's favorite collection, such as stuffed animals, marbles, toy cars, ponies, or plastic figurines
- Two toothpicks, narrow strips of paper, or crayons
- Scissors
- Tape
- *Chalk, masking tape, or a long strip of paper
- Napkin
- *Chutes and Ladders, Rack-O, or 100 Chart (Blackline Master 4), die, and counters
- 5-6 small toys
- Mirror (hand mirror preferred, but wall-mounted is fine)
- *20 small snack items, such as raisins, pieces of cereal, or blueberries
- 6 forks
- Construction paper or cardstock
- Crayons or colored pencils
- 25 square or rectangular blocks, any size or material

- Rubber band
- *100-200 small food items (such as popcorn kernels, grains of rice, or sunflower seeds)
- *Bills and coins to spend
- *Art supplies, such as construction paper, paint, markers, crayons, or colored pencils
- Cup
- *Graph of your town's average monthly rainfall, either printed or online
- Paper clip
- *Large piece of posterboard (or 9 sheets of paper and tape)
- *Two beanbags, crumpled wads of paper, or soft, unbreakable toys
- Timer
- *Online or streaming video with child-appropriate content, any length
- *Calculator (or calculator app)
- *Map of your local area (or map app)
- 6 narrow paper strips, about 11 inches long and ½-inch wide (or 28 cm long and 1 centimeter wide)
- Stapler
- *1-cup measuring cup or 1-liter measuring cup
- *Ingredients for your choice of recipe involving cups or liters. (See Lesson 21.5 (page 345) for sample recipes.)
- *Egg carton
- 8 toothpicks, popsicle sticks, straws, or other long, narrow objects
- Household items in the shape of a sphere, cone, cylinder, cube, and rectangular prism.
Suggested items:
 - × Sphere: basketball, baseball, globe
 - × Cone: party hat, sports cone, ice cream cone
 - × Cylinder: can, oatmeal canister, toy drum
 - × Cube: Rubik's cube, dice, sugar cube
 - × Rectangular prism: cereal box, shipping box, stick of butter
- Empty cardboard box
- *Several sheets of construction paper, origami paper, or copy paper
- *Glue, optional
- *Large sheets of paper, optional
- *Children's book with more than 100 pages and fewer than 200 pages
- *Toy catalog or access to a website with items your child would like to buy
- Book with over 1000 pages
- *Felt-tip marker or bingo dotter, optional
- *Posterboard or construction paper, optional
- 4 children's chapter books, each with 100-250 pages
- *3 books with 500-1000 pages