

## Math Manipulative Kit

The materials in this kit can be purchased as a set or item by item. (1 kit–B2M)

### Math Manipulatives available separately

- Color tile (400; 1 set–T400T)
- 1-inch square ceramic tile (250; 1 set–T250)
- Clear geoboards (15 in set; 1 set–G15C)
- Geoblocks (10 sets; GEO)
- Large base ten pieces (15 sets–USM)
- Balance scale (1; BAL)
- Game markers (400; 1 set–M400)
- $\frac{3}{4}$ -inch wooden cubes\* (1 set–CW75) (100 for making many kinds of dice)
- Centimeter cloth measuring tapes (3; 1 set–MTC)
- Clear rulers (6; 1 set–RLC)
- Probability containers (1 set of 6; TDS) tie-dyed socks & containers
- Math buckets
  - bugs (100; 1 set–BUG)
  - frogs (100; 1 set–FROG)
  - blobs (200; 1 set–GG)
  - buttons (300+; 1 set–BTN)
  - sea shells (300+; 1 set–SHELLS)
- Marbles for Unit 6
  - glass “cat’s-eyes” (20; 1 set–MAR)
  - wooden balls (20; 1 set–WBL)
  - steel ball bearings (20; 1 set–STB)
- Overhead tile (1 set–T4OH)
- Overhead coins (1 set–COH)
- Overhead pattern blocks (1 set–PBO)
- Overhead large base ten pieces (1 set–USMO)

## \*Directions for making dice used in Bridges

The *Bridges* activities utilize several types of dice which are handmade. Sometime before things get too hectic we recommend you dedicate an evening to making dice. Find your set of  $\frac{3}{4}$ -inch wooden cubes, and a black narrow-tipped permanent marker. Then settle down into your favorite chair with a bowl of popcorn and begin numbering cubes.

### You’ll need

- 30 dice each numbered 1–6 (1, 2, 3, 4, 5, 6)
- 15 dice each numbered 5–10 (5, 6, 7, 8, 9, 10)
- 15 dice each numbered and dotted 0–5 (0, 1<sup>•</sup>, 2<sup>••</sup>, 3<sup>•••</sup>, 4<sup>••••</sup>, 5<sup>•••••</sup>)
- 15 dice each numbered and dotted 0–3 (0, 1<sup>•</sup>, 1<sup>•</sup>, 2<sup>••</sup>, 2<sup>••</sup>, 3<sup>•••</sup>)
- 3 dice each numbered 3–8 (3, 4, 5, 6, 7, 8)
- 15 dice each numbered 4–9 (4, 5, 6, 7, 8, 9)



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Your life will be easier during the school year if you take the time to do this “fun” task now. When you’re finished, put each set of dice into a separate zip lock bag, label it, and breathe a sigh of relief.