

The list below includes assorted manipulatives, common classroom supplies, and the [EMPower™](#) math series teacher and student book. Note that there are several items that likely are less common in the classroom (such as dice, chip counters, rice, beans, etc.). There are times when a computer lab, projector, and/or internet access are beneficial to the lesson, and those units have been noted below. Some materials may need preparation time, so be sure to review the lesson plans carefully for guidance on how to make these resources.

Materials	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	Unit 15	Unit 16	Unit 17	Unit 18	Unit 19	Unit 20	Unit 21	Unit 22
1" square tiles	X	X				X			X		X		X					X		X		X
6-sided dice (2 – 4 per student)	X																X		X			X
Assortment of different-sized boxes											X	X	X									
Blank paper									X		X	X	X	X	X							
Box of 100 paper clips			X			X			X													
Calculators				X	X	X			X		X	X	X	X				X	X	X	X	X
Cardstock				X							X											
Centimeter grid paper	X	X										X										
Chart paper			X	X	X	X				X	X	X	X	X	X		X	X	X	X	X	X
Chart paper w/grids												X						X				
Chip counters or beans									X													X
Circular objects												X										X
Clear document protectors			X				X															
Colored pencils	X	X		X	X						X		X		X				X	X	X	X
Computers with speakers, internet, Word, Excel, and PowerPoint	X			X											X	X			X	X		X
Envelopes					X						X						X					
Fraction strips			X		X	X	X	X	X	X												
GED® or HiSET® formula sheet											X		X	X								
Graph paper	X	X	X	X		X					X	X	X	X	X			X	X	X	X	X
Index cards		X	X						X						X							
Markers				X		X					X	X	X	X	X			X	X	X	X	X
Masking tape		X		X							X		X			X						
Measuring tape (inches and centimeters)	X	X	X								X											
Meter stick		X		X	X																	
Mini white boards, dry-erase marker, and eraser – one per student (optional)											X										X	

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Painter's paper or masking paper (large paper)		X			X																X	
Paper plates (not wax-coated; 1 per pair or triad of students)													X									X
Paper strips (approximately 1" wide)			X				X															
Pattern blocks							X	X		X	X							X				
Pennies (and a quarter for U3.L4)			X	X		X	X		X					X			X		X			
Pie charts made from paper plates (2 plates of different colors) (instructions shown in U3.L1)			X	X																		
Pipe cleaners (long)		X										X										X
Projector with speakers				X		X					X	X			X	X	X		X			X
Protractors											X	X										
Rulers (inches and centimeters)	X	X	X		X	X					X	X	X	X	X			X	X	X	X	X
Scissors	X	X	X								X	X	X	X	X			X				X
Scotch tape		X	X	X	X				X		X	X	X	X	X				X			
Shoe boxes											X		X									
Sticky notes (or index cards)		X	X	X	X		X		X		X	X	X		X	X			X	X	X	X
String		X	X								X	X										X
String number line				X	X																	
Two-color chips (e.g., red on one side and yellow on the other)	X						X														X	
Yardsticks		X									X	X	X					X	X			

To use CALM to its fullest, you will need the [EMPower series](#). Here's where they're used:

- EMPower Plus *Everyday Number Sense* TB and SB: Unit 1
- EMPower *Over, Around, and Within: Geometry and Measurement* TB and SB: Units 1-2, 11, 13
- EMPower *Keeping Things in Proportion* Teacher Book (TB) and Student Book (SB): Units 1-2, 9, 18
- EMPower Plus *Using Benchmarks: Fractions, Decimals, and Percents* TB and SB: Units 3, 7-10
- EMPower Plus *Split It Up: More Fractions, Decimals, and Percents* TB and SB: Units 3-6
- EMPower *Seeking Patterns, Building Rules* TB and SB: Units 12, 18-20
- EMPower *Many Points Make a Point: Data and Graphs* TB and SB: Units 15-16

Note that only *Everyday Number Sense*, *Using Benchmarks*, and *Split It Up* have EMPower Plus versions.

NOTES:

- The table above and lists below do NOT include videos, handouts, or exit tickets specific to individual lessons. Those items are embedded in each unit.
- All blackline masters can be found at the end of the EMPower™ Teacher Books. Below are some resources frequently used in CALM that can be pulled from EMPower:
 - Centimeter grid paper (0.25, 0.5, 0.75, 1) blackline masters:
 - *Keeping Things in Proportion*
 - *Many Points Make a Point*
 - *Over, Around, and Within*
 - *Seeking Patterns, Building Rules*
 - Inch grid paper (0.25, 0.5, 0.75, 1) blackline masters:
 - *Keeping Things in Proportion*
 - *Over, Around, and Within*
 - *Using Benchmarks*
 - Rulers blackline masters:
 - *Using Benchmarks*
 - Number line blackline masters:
 - *Everyday Number Sense*

Materials only used in one unit:

Unit 1:

- String cut in 100 cm lengths
- Students' own electronic pictures

Unit 2:

- 3 rectangles (18" by 3', 3' by 6', 6' by 9')
- Flyers from local supermarkets (optional)

Unit 3:

- Items packaged in 12s or 24s, such as a 12-pack of soda or juice
- Manipulatives to count
- Ribbon

Unit 4:

- Clothes pins
- Payroll stubs (with names blacked out) to share (optional)
- Play money
- Sales slips showing item costs and sales tax (from more than one state if possible) (optional)
- Small objects (assortment of beads, tiles, toothpicks, or paper clips); give different numbers of small objects (between 3 and 10) to each student.

Unit 5:

- 10-sided dice (1 per student or per pair of students)

Unit 6:

- Cereal box (full)

Unit 7:

- Dry-erase markers (one per student)

Unit 9:

- Patty paper (optional) (Squares of wax paper available online from multiple sellers)

Unit 11:

- Assortment of objects with varying angles (a door wedge, a spatula, scissors, chopsticks, a compact mirror, a 3" x 5" note card; also postcards, photos, or stamps with imagery featuring angles)
- Brad fasteners
- Carpenter's square or speed square (optional)
- Clipboards (can be improvised from cardboard)
- File folders
- Homemade objects and objects with interesting shapes (picture frames, hand-sewn clothes, baked goods, musical instruments)
- Paper-clip boxes
- Pencils

Unit 12

- Compasses
- Orange or other round fruit

Unit 13:

- Pictures of snacks, candies, chewing gum, etc from a local store
- Sandwich bags of uncooked rice (1 per pair or triad of students)
- Snap cubes (optional)

Unit 14:

- Penny roll wrappers (optional)
- Popcorn (large bags)

Unit 17:

- Candy or small prizes (optional)
- Construction paper (various colors)
- Decks of cards (several decks for small groups)

Unit 18:

- Variety of bills, statements, check registers, sales tax tables, or mortgage tables to highlight the use of tables in everyday life

Unit 19:

- Watches with second hands

Unit 21:

- Number line cards or written across the board (-10 to 10); also can make a number line on Craft or painter's paper to display on the floor (optional)

Unit 22:

- Algebra tiles
- Plastic storage bags (optional)
- Individual serving size bag M&M's or Skittles (one per student) (optional)