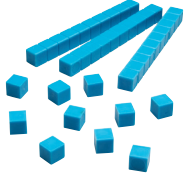
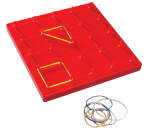
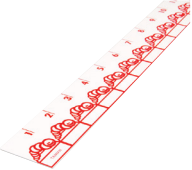


Glossary of Manipulatives

	Base Ten Blocks Base Ten Blocks include cubes representing 1,000, flats representing 100, rods representing 10, and units representing 1. The blocks can be used to teach various number and place-value concepts, such as the use of regrouping in addition and subtraction. Each unit measures 1 cm³, making the blocks ideal for measuring area and volume.
	Coin Tiles These easy-to-handle tiles help children visualize the relationships between the values of pennies, nickels, dimes, and quarters. Each tile is a hands-on area model of the coin it represents. The tiles help children see meaning in the relationships between coins and understand concepts, such as coin recognition, coin values, coin equivalence, and making change. Children can practice manipulating parts of a dollar by using the tiles with a hundred board.
	Color Tiles These 1-inch square tiles come in four different colors: red, blue, yellow, and green. They can be used to explore many mathematical concepts, including geometry, patterns, and number sense.
	Cuisenaire® Rods Cuisenaire Rods include rods of 10 different colors, each corresponding to a specific length. White rods, the shortest, are 1 cm long. Orange rods, the longest, are 10 cm long. Rods allow children to explore all fundamental math concepts, including addition and patterning, multiplication, division, fractions and decimals, and data analysis.
	Geoboard The double-sided geoboard is 7.5" square and made of plastic. One side has a 5 x 5 peg grid. The other has a circle with a 12-peg circumference. Students stretch rubber bands from peg to peg to form geometric shapes. The geoboard can be used to study symmetry, congruency, area, and perimeter.
	Geared Mini-Clock Each clock is 4" x 4" and includes a removable stand. Made of plastic, the clocks have hidden gears that reflect accurate hour and minute relationships. The hour and minute hands are color-coded to match hour and minute markings on the clock face. Clocks allow children to explore telling time on analog clocks and calculating elapsed time.
	Inchworms™ Plastic Inchworms are 1 inch long. Pieces come in six different colors and can be snapped together to make a chain. Inchworms are ideal for children who are just starting to learn measurement with standard units, as they provide a transition to using a ruler. They can be used to measure length, width, and height.

	Inchworms™ Ruler The Inchworms Ruler is made of plastic. Each inch of the ruler is marked with an Inchworm to help children see the units of measurement. The ruler can be used with compatible Inchworms to explore using standard units to measure length, width, and height.
	2-cm Color Cubes These 2-cm cubes come in six different colors. They can be used to teach counting, patterning, and spatial reasoning. They are also ideal for introducing young children to measurement of area and volume.
	Two-Color Counters These versatile counters are thicker than most other counters and easy for children to manipulate. They can be used to teach number and operations concepts, such as patterning, addition and subtraction, and multiplication and division. Counters also can be used to introduce children to basic ideas of probability.

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