Magnetic Cuisenaire® Rods

Set of 64 Rods includes:
• Orange = 10 units (4)
• Black = 7 units (4)
• Purple = 4 units (4)
• White = 1 unit (20)
• Blue = 9 units (4)
• Dark green = 6 units (4)
• Light green = 3 units (4)
• Brown = 8 units (4)
• Yellow = 5 units (4)
• Red = 2 units (12)

Cuisenaire® Rods develop a variety of math skills. Each Rod’s color represents a different length. In a set of Cuisenaire Rods, the shortest Rod, white, is 1 centimeter long; the longest, orange, is 10 centimeters long. Magnetic Rods in this set have been enlarged for demonstration purposes and for use with small groups: the white Rod is 2½ cm x 2½ cm, and the orange Rod is 25 cm x 2½ cm. Arrange Rods in ascending order to form a pattern commonly called a “staircase.” Since Rods consistently progress in length by 2½ centimeters, assign values to the Rods to emphasize continuity.

Sample Activity: Addition with Cuisenaire® Rods
Model addition for your students by placing Rods in trains, and then finding their equivalence. For example, find 4 + 3 by making a train with a purple Rod (4) and a light green Rod (3). Then, find the single Rod (black) whose length (7) is equal to that of the two-car train composed of purple and light green.

<table>
<thead>
<tr>
<th>purple</th>
<th>light green</th>
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<tbody>
<tr>
<td></td>
<td>black</td>
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4 + 3 = 7

For more sample activities and sample worksheets for Cuisenaire® Rods, please visit www.LearningResources.com.

⚠️ WARNING:
CHOKING HAZARD—Small parts. Not for children under 3 years.
MAGNETS—This product contains small magnets. Swallowed magnets can stick together across intestines causing serious infections and death. Seek immediate medical attention if magnets are swallowed or inhaled.
Intervention Strategies

- **Beginning Addition:** *Counting On* is a basic way to add a small quantity to a large quantity. For example, to solve $4 + 3$, a student can count on three: 5, 6, 7. Have students count on (or back for subtraction) as they touch and align Rods on a white board or magnetic surface.

- **Visual Thinking:** Encourage students to draw their own Rods when working out traditional paper-and-pencil number problems to help them visualize problems and clarify their understanding of both the problem and solution.

- **Concrete Representation:** To help students who have difficulty recalling the value of a given Rod during problem demonstration, write values directly on the Rods with a dry-erase marker.

Look for these other great products from Learning Resources®:

LER 7500  Cuisenaire® Rods Introductory Set
LER 7502  Cuisenaire® Rods Classroom Multi-Pack