

Key Education Publishing  
Ready-to-Go Math Manipulatives: 66 Giant Cards for Learning Numbers 0–30

This product supports the NCTM Principles and Standards for School Mathematics

**This product and the activities in it support the following Number and Operations Standard Expectations for Grades Pre-K--2:**

1. **Students count and recognize the number of objects in a set.** When using the numeral/number set cards and the domino cards in this set, students practice counting the number of objects or domino dots in a set.
2. **Students understand the relative position and size of ordinal and cardinal numbers.** Several activities in this set involve ordering the cards, requiring an understanding of the relative size of cardinal numbers.
3. **Students connect number words to numerals and to the quantities they represent using different physical representations.** The cards in this set include number words, numerals, and two different physical representations of the numbers, reinforcing this skill.
4. **Students understand the meanings of addition and subtraction of whole numbers and how the two operations relate to each other.** The addition and subtraction activities in this set reinforce the meanings of addition and subtraction by helping illustrate the larger and smaller groups of objects created by addition and subtraction.
5. **Students understand what happens when they add or subtract whole numbers.** The addition and subtraction activities in this set reinforce what happens when students add and subtract by illustrating the larger and smaller groups of objects created by addition and subtraction.
6. **Students use a variety of strategies for whole-number computation, focusing on addition and subtraction.** The activities in this set reinforce counting strategies that can be used for addition and subtraction.
7. **Students use different methods and tools to compute, including concrete objects, mental math, estimation, paper and pencil, and calculators.** The activities in this set help students learn to use concrete objects to compute.

**This product and the activities in it support the following Algebra Standard Expectations for Grades Pre-K--2:**

1. **Students sort, classify, and order objects by a variety of properties.** This set includes activities where students order cards by numerals and numbers of objects.
2. **Students recognize, describe, and extend simple sound, shape, or numeric patterns and change patterns from one form to another.** In this set, students learn to recognize and extend numeric patterns.
3. **Students use objects, pictures, and symbols to model situations that involve the addition and subtraction of whole numbers.** This set helps students model addition and subtraction with pictures and symbols.