

Key Education Publishing
Standards Correlation for Open-Ended Learning Games—Beginning Math
A Versatile Math Resource That Provides for Numerous Number Explorations!

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.** In the “Making Picture Trains” game in this set, students match the appropriate number of photo cards to a numeral.
- 2. Students understand the relative position and size of ordinal and cardinal numbers.** Several activities in this set involve ordering and/or comparing numbers.
- 3. 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.
- 4. 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.
- 5. Students use a variety of strategies for whole-number computation, focusing on addition and subtraction.** Several activities in this set reinforce counting strategies that can be used for addition and subtraction.
- 6. 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 according to numeral and number 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 picture 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 sets of pictures.