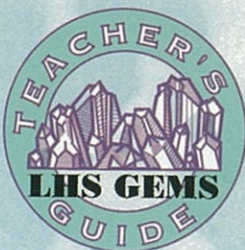
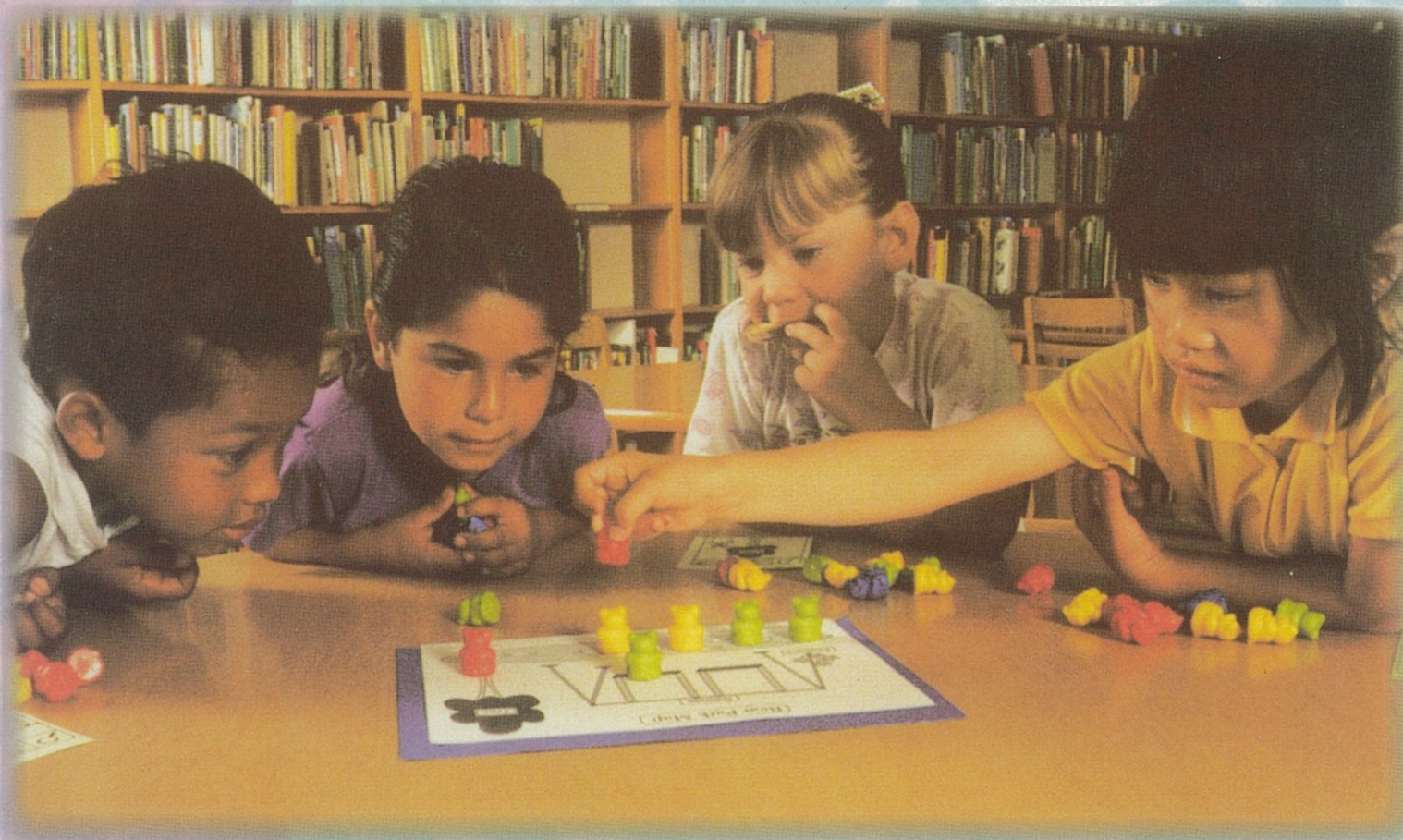


# GROUP SOLUTIONS

COOPERATIVE LOGIC ACTIVITIES  
FOR GRADES K-4



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# ► *How to Use This Book* ◀

## Overview

This book contains cooperative logic activities that are grouped in five “families”—**Searches, Bear Line-Ups, Secret Number, Coin Count** and **Maps**. The book begins with families that have concrete concepts and materials (**Searches, Bear Line-Ups**). We suggest you start with these two families to help your students build a solid foundation in cooperative logic. Then, you can proceed to **Secret Number, Coin Count** and **Maps**, which are more complex. Within each family, the activities are presented in order of difficulty. The **Activity Grid** at the back of the book contains suggested **grade levels** for each activity. (See page 147 for how to create a *Group Solutions* kit for your school.)

## Materials

The following materials are needed for **all** activities in this book:

- Card stock (optimal paper for durability) or duplicating paper in white and at least one other light color
- Letter size envelopes
- Paper cutter (optimal) or scissors
- Additional manipulatives (not included in guide):

**Coins** (real or authentic-looking play money) for **Coin Count**

**Cubes** in five colors (wood cubes, unifix or multi-links) for **Cubeville Map**

**Teddy bear counters** for **Bear Line-Ups, Bear Park Maps** and **Bear Street Maps**

*NOTE: If you do not have bears or cubes in your classroom, the guide includes pages that can be duplicated to use instead of these materials. See Sources For Materials on page 138 if you wish to purchase bears, cubes or coins.*

## Clue Cards

To prepare for an activity with the entire class, you will need to create one cooperative logic envelope for each group of four students. The envelope includes clue cards that are duplicated from *Group Solutions*. There are **four or six clues** on each clue card page. Each clue is labelled with the title of the activity and marked with a **magnifying glass** so students can easily identify it.

For your convenience, each clue card also is marked with either a **four or six box grid** in its upper right hand corner, as illustrated on the next page. The grid indicates the number of clues on the page (the number of boxes) and the position of each clue on the page. The grid is an organizational tool that will help you maintain complete sets of clues, in the event that envelopes and clue cards are interchanged through student use. A complete set of four or six cards will have one clue shaded with a box from each part of the page. The grid is of no significance to students, although they may inquire about it!