

# How to Use This Book

Welcome to the beginner's world of logic! Logical thinking is a lifelong skill that is developed, practiced, and even enjoyed. The following puzzles help teach students to think through problems in order to discover the correct answers. This process includes identifying the question, gathering the necessary information, analyzing this information, and finding a solution.

*Beginning Links to Logic Grades 2-4* is divided into five sections:

## **Deductive Reasoning Puzzles**

## **Math-Based Puzzles**

## **Language Arts Puzzles**

## **Following Directions**

## **Riddles**

The reproducible activities and puzzles in this book can be completed by the students individually or as part of a small group or team. Use them to supplement your lessons or as a fun way to start and end the day. A lifetime of logical thinking awaits your students – start them on a positive path with *Beginning Links to Logic*!

The activities in this book address the following **National Education Standards**:

### **Language Arts:**

NL-ENG.K-12.3 Evaluation Strategies  
NL-ENG.K-12.6 Applying Knowledge  
NL-ENG.K-12.12 Applying Language Skills

### **Mathematics:**

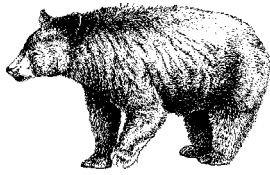
NM-PROB.PK-12.3: Apply and adapt a variety of appropriate strategies to solve problems.  
NM-PROB.REA.PK-12.3: Develop and evaluate mathematical arguments and proofs.  
NM-PROB.COMM.PK-12.3: Analyze and evaluate the mathematical thinking and strategies of others.



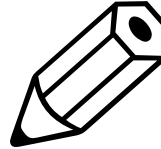
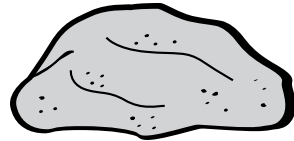
# What Does Not Belong?

Which picture does not belong in each set? Circle that picture and explain why it does not fit. Write your explanation on the line below each set of pictures.

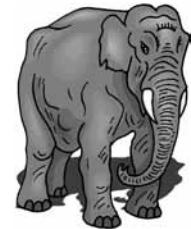
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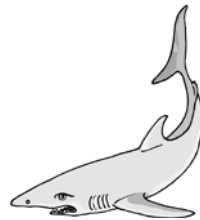
2.



3.



4.



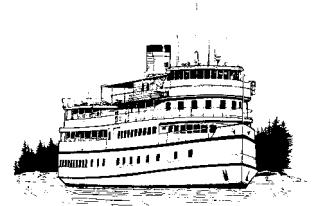
5.



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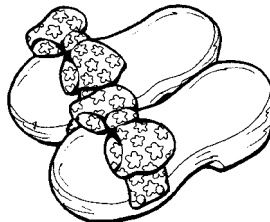
1.



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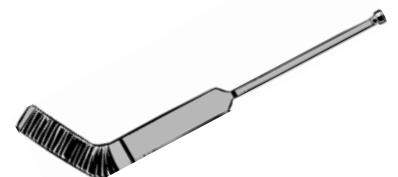
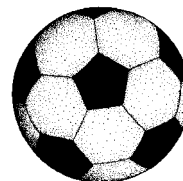
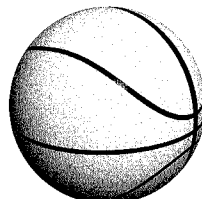
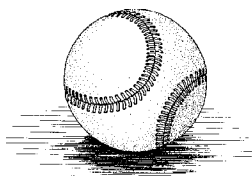
3.



4.



5.



# What's Wrong With the Seasons?

What's wrong with these pictures? Circle the error in each scene. Then cut out the seasons and paste them in order on a piece of construction paper. Color each scene.

