#### CONTENTS

1 book containing 64 logic puzzles, their solutions and a glossary;

9 cookies in 3 shapes and 3 flavors (colors);

1 tray divided into a 3 x 3 grid;

How to play instructions

## OBJECT OF THE GAME

Solve the logic puzzles by placing the 9 cookies on a 3 x 3 grid in a way that respects all given clues

# UNDERSTANDING THE CLUES

The puzzle book is divided into 8 sections that gradually become more challenging. At the beginning of each section, you will find verbal and visual explanations of any new type of clue. If a young player requires your help to interpret a new clue - try to guide them to find the interpretation by themselves using the visual example.

Each clue visually represents a simple logic statement. Depending on whether the clue is POSITIVE or NEGATIVE, it will indicate where a cookie MUST or MUST NOT be placed within a given grid-pattern.



**Positive clue:** Indicates where a cookie or type of cookie MUST be placed.



**Negative clue:** Indicates where a cookie or a type of cookie MUST NOT be placed.















**Specific Cookie:** The clue indicates the shape and color of the cookie.



**Shape attribute:** Indicates the shape of the cookie but the color (flavor) is unknown.



**Color attribute:** *Indicates the color/flavor of the cookie but the shape is unknown.* 



**Arrow:** Indicates that a cookie (or a type of cookie) must be placed in the direction of the arrow. For example a right pointing arrow means that a cookie is placed to the right of another cookie (either in the adjacent cell or with space between them).

## LEVEL OF PUZZLES

As players advance through the sections in the puzzle book, new logic concepts are gradually introduced. Players learn these new concepts and gain confidence in applying deductive reasoning. Encourage young players to progress at their own pace while minimizing direct adult intervention.

### **SOLUTIONS**

The solution for each puzzle can be found at the end of the puzzle book. Each puzzle has one correct solution. We recommend that before checking the solution, players verify that all the clues were respected and that there are no contradictions. If your solution differs from the one shown, it means that one or more clues were not respected or were misinterpreted. Review the rules to ensure that you correctly interpreted each clue and go back to see which clue was not respected in your solution.

