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› ThinkFun Block by Block Creative Building Logic Game Model 5931 User Manual

ThinkFun 5931

ThinkFun Block by Block Creative Building Logic Game

MODEL 5931 USER MANUAL

Introduction

The ThinkFun Block by Block game is designed to enhance spatial reasoning and problem-solving skills. It challenges players to construct three-dimensional structures using seven unique puzzle pieces, inspired by the classic Soma Cube. This manual provides instructions for setup, gameplay, maintenance, and product specifications.

Components

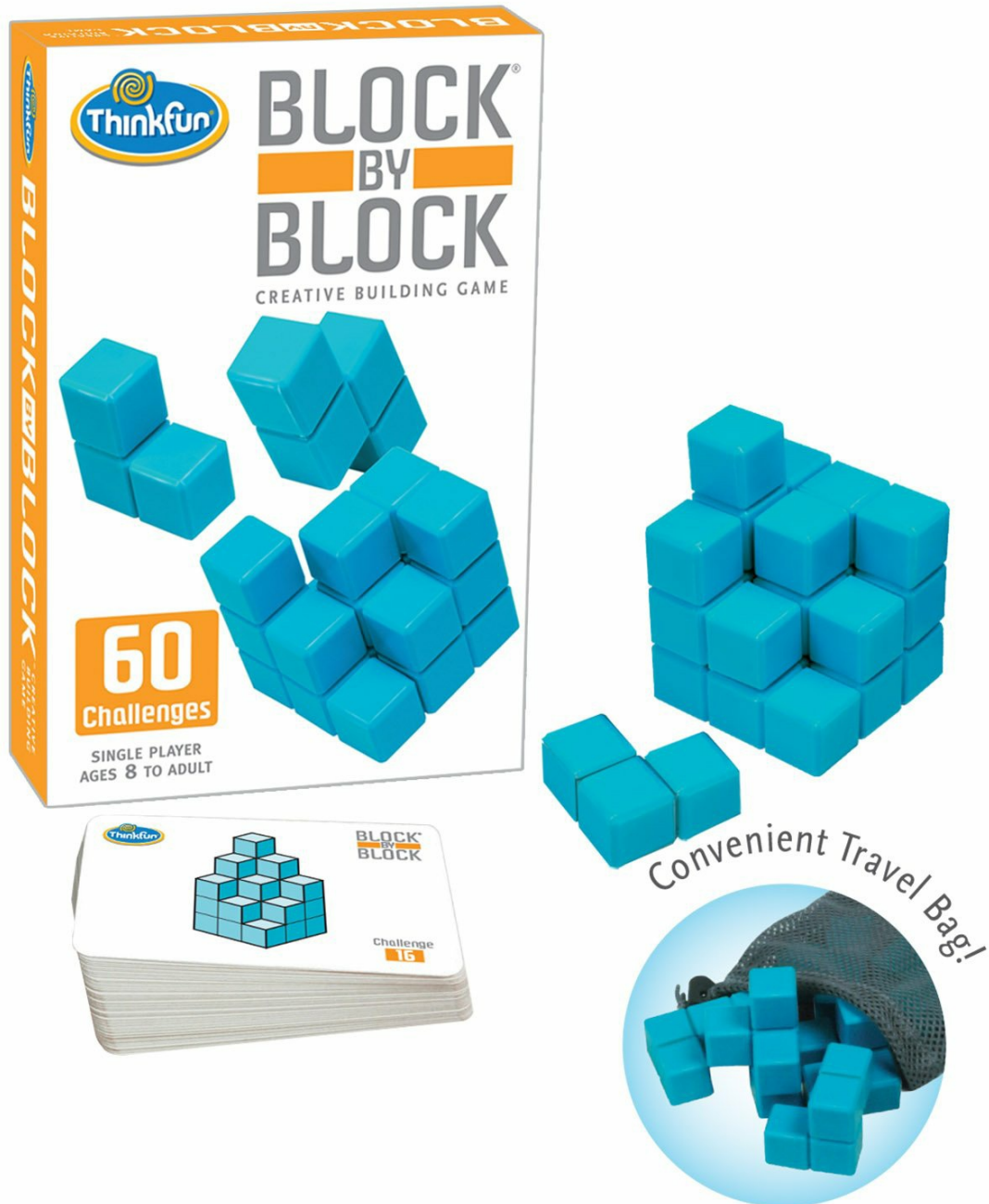


Image: The ThinkFun Block by Block game box, displaying the seven blue puzzle pieces and a stack of challenge cards.

The Block by Block game includes the following components:

- **60 Challenge Cards:** Each card presents a unique 3D structure to build. Hints and solutions are provided on the back of each card.
- **7 Puzzle Pieces:** These are the building blocks for constructing the structures. They are made of plastic and are typically blue.
- **1 Game-Go Bag:** A storage bag for convenient portability and organization of all game components.

Setup

Follow these steps to set up the game:

1. **Unpack Components:** Carefully remove all 7 puzzle pieces, the 60 challenge cards, and the game-go bag from the packaging.
2. **Familiarize with Pieces:** Examine the seven unique puzzle pieces. Each piece is a polycube, a solid shape formed

by joining unit cubes face to face.

- 3. **Organize Challenge Cards:** Separate the challenge cards from the solution cards. It is recommended to keep the solutions face down or in a separate pile until needed.

Operating Instructions (How to Play)

The objective of Block by Block is to use all seven puzzle pieces to replicate the three-dimensional structure shown on a chosen challenge card.

- 1. **Select a Challenge:** Choose one of the 60 challenge cards. Each card displays a specific structure to build. Challenges range in difficulty from beginner to expert.
- 2. **Examine the Structure:** Observe the structure on the card carefully. Note its shape, dimensions, and any visible details.
- 3. **Build the Structure:** Using all seven puzzle pieces, attempt to construct the exact three-dimensional shape depicted on the challenge card. All pieces must be used, and they must fit together without gaps or overhangs.
- 4. **Use Hints (Optional):** If you encounter difficulty, refer to the hint provided on the back of the challenge card. Hints typically show the placement of one or more pieces to get you started.
- 5. **Verify Solution:** Once you believe you have completed the structure, compare it to the solution provided on the back of the challenge card. The solution will show the correct arrangement of all seven pieces.
- 6. **Continue Playing:** Select another challenge card to continue developing your spatial reasoning skills.

Maintenance

Proper care ensures the longevity of your Block by Block game:

- **Cleaning:** Wipe puzzle pieces and cards with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid abrasive cleaners or harsh chemicals.
- **Storage:** Store all components in the provided game-go bag when not in use. Keep the game in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Handling:** Handle challenge cards and puzzle pieces with care to prevent bending, tearing, or breakage.

Troubleshooting

If you encounter issues while playing, consider the following:

- **Difficulty Solving a Challenge:**
 - Review the challenge card carefully to ensure you understand the target structure.
 - Try using the hint provided on the back of the card.
 - If still stuck, temporarily set aside the difficult challenge and try an easier one to build confidence.
 - Ensure all seven pieces are being used for each challenge.
- **Missing Components:**
 - Thoroughly check the game-go bag and original packaging.
 - If a component is genuinely missing, contact ThinkFun customer support for assistance.

Specifications

Feature	Detail
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Feature	Detail
Model Name	Block by Block
Model Number	5931 (Manufacturer Part Number) / 44005931
Brand	ThinkFun
Age Range	8 years and Up
Number of Players	1
Material	Plastic
Color	Multicolor (Puzzle pieces are typically blue)
Item Dimensions (L x W x H)	13.3 x 20.3 x 4.4 cm (5.25 x 8 x 1.75 inches)
Item Weight	0.25 Kilograms
Included Components	60 Challenge Cards with Hints and Solutions, 7 Puzzle Pieces, 1 Game-Go Bag
Special Features	3D Puzzle Game, Architectural Skill Builder, Travel-Friendly, Educational
Educational Objective	STEM (Science, Technology, Engineering, Mathematics)
Assembly Required	No
Power Source	Manual
UPC	019275059316

Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the official ThinkFun website or contact their customer service department directly. Keep your purchase receipt as proof of purchase.

ThinkFun Customer Support:

- Visit the official ThinkFun website for FAQs and contact information:www.thinkfun.com
- Refer to the contact details provided on the product packaging for specific regional support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question