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## SmartGames SG 423

# SmartGames IQ Fit Logic Game Instruction Manual

Model: SG 423

## INTRODUCTION

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The SmartGames IQ Fit is a compact and engaging logic puzzle designed to challenge players aged 6 and up. This game features 120 challenges across various difficulty levels, from easy to expert, stimulating cognitive skills such as concentration, spatial intelligence, logic, planning, and problem-solving. The objective is to fit all 3D game pieces onto a 2D game board, ensuring all protruding parts align correctly with the board's holes.

## PRODUCT CONTENTS

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- 1 Game board with transparent lid for storage
- 10 Colorful 3D puzzle pieces
- 1 Challenge booklet containing 120 challenges and solutions



The SmartGames IQ Fit game, showing the compact case, colorful 3D pieces, and the challenge booklet.

## SETUP

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1. Open the transparent lid of the game board.
2. Remove all 10 colorful 3D puzzle pieces from the game board.
3. Select a challenge from the challenge booklet. The booklet provides 120 challenges, ranging from 'Starter' to 'Wizard' difficulty levels.
4. Place the indicated puzzle pieces onto the game board as shown in the selected challenge. These initial pieces are fixed and cannot be moved or rotated.

## HOW TO PLAY

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The goal of IQ Fit is to fit all remaining 3D puzzle pieces onto the 2D game board, ensuring that the entire board surface is covered and all protruding balls on the pieces fit into the holes. Each 3D piece has balls protruding on one side and two balls on the other, requiring careful consideration of orientation.

1. After placing the initial pieces as per the challenge, take the remaining 3D puzzle pieces.
2. Arrange these pieces on the game board. You must find the correct orientation for each piece so that all its protruding parts fit into the holes of the board.

3. Continue placing pieces until the entire game board is filled, and all pieces lie flat within the grid.
4. A challenge is successfully completed when all 10 pieces are correctly placed on the board, leaving no empty holes and no pieces sticking out.

## HOW TO PLAY

①



Choose a challenge and put all the indicated pieces on the board.

Arrange all the three-dimensional pieces, so that all the protruding parts fit into the holes of the game board.

②




You will have found the right solution when all the pieces of the puzzle fit together.

③



Visual guide to the three main steps of playing SmartGames IQ Fit.

  
Video demonstrating the setup and gameplay of SmartGames IQ Fit, including how to place the 3D pieces on the 2D board.

### CHALLENGES AND SOLUTIONS

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The challenge booklet contains 120 unique challenges, progressively increasing in difficulty. Each challenge provides a starting configuration for some of the puzzle pieces. The solutions for all challenges are provided at the back of the booklet. If you get stuck, you can refer to the solutions to understand the correct placement of the pieces.



The challenge booklet displaying multiple puzzle configurations for different difficulty levels.

## GAME MECHANICS: 3D PIECES ON A 2D BOARD

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The unique aspect of IQ Fit lies in its 3D pieces and 2D game board. Each puzzle piece is three-dimensional, meaning it has different profiles depending on its orientation. To successfully solve a challenge, you must determine not only the correct position for each piece but also its correct rotation and which side faces up or down, ensuring all parts fit flush with the board.

## EDUCATIONAL BENEFITS

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Playing SmartGames IQ Fit helps develop several key cognitive skills:

- **Concentration:** Focus required to analyze challenges and piece shapes.
- **Spatial Intelligence:** Understanding how 3D objects fit into a 2D space.
- **Logic:** Deductive reasoning to eliminate incorrect placements.
- **Planning:** Strategizing the order and orientation of pieces.
- **Problem Solving:** Finding solutions to complex puzzles.



The game promotes concentration, spatial vision, and problem-solving skills.

## SPECIFICATIONS

<b>Product Dimensions (L x W x H)</b>	9.8 x 3.2 x 14.4 cm
<b>Weight</b>	169 grams
<b>Recommended Age</b>	6 years and up
<b>Educational Value</b>	Cognitive skills improvement, problem-solving, spatial reasoning
<b>Number of Players</b>	Solo
<b>Main Material</b>	Plastic
<b>Model Number</b>	SG 423

## SAFETY INFORMATION

**Warning:** Not suitable for children under 3 years due to small parts which may present a choking hazard. Always supervise young children during play. Inspect all game pieces regularly for any damage. Discontinue use if

any pieces are broken or damaged.

## MAINTENANCE

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To clean the game pieces and board, wipe them with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all parts are dry before storing. Store the game in its original case to prevent loss of pieces and protect it from dust and damage.

## TROUBLESHOOTING

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If you are having difficulty solving a challenge:

- Double-check that the initial pieces are placed exactly as shown in the challenge booklet.
- Experiment with rotating the 3D pieces. Remember that each piece has two distinct sides.
- Try working backward from the solution provided in the booklet for a few steps to understand the logic.
- Take a break and return to the challenge with a fresh perspective.

## WARRANTY AND SUPPORT

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For information regarding warranty, replacement parts, or further support, please visit the official SmartGames website or contact their customer service. Details can typically be found on the product packaging or the manufacturer's website.