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burgkidz BS805

burgkidz Logical Road Builder Game

MODEL: BS805

Introduction

The burgkidz Logical Road Builder Game is an engaging STEM educational toy designed to enhance logical thinking, problem-solving skills, and spatial recognition. This manual provides detailed instructions for setting up, playing, and maintaining your game to ensure a fun and enriching experience.

Safety Information

- **Choking Hazard:** This product contains small balls and small parts. Not suitable for children under 3 years. Adult supervision is recommended during play.

Package Contents

Before you begin, please ensure all components listed below are present in your package:

- Game Board (4 connectable pieces)
- Track Pieces (various shapes: cross, curved, arc)
- 2 x Toy Cars (Red and Orange)
- Marble Balls
- Instruction/Challenge Booklet
- Storage Bag



Figure 1: All components included in the burgkidz Logical Road Builder Game package.

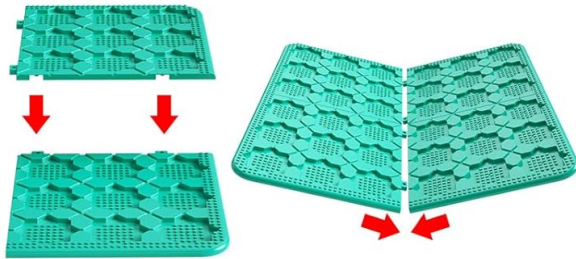
Setup Instructions

1. Assembling the Game Board

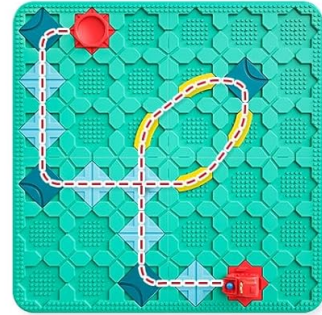
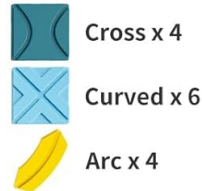
The game board consists of four interlocking pieces. Carefully align the connectors on the edges of each piece and press them together until they securely snap into place, forming a large square playing surface.

HOW TO PLAY?

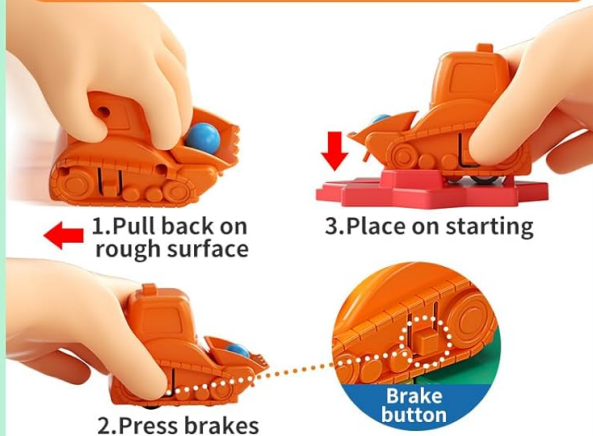
1 ASSEMBLING THE BOARD



2 SELECT & START A ROUTE



3 WIND UP THE TRUCK



4 VERIFY ANSWER BY TRUCK



Figure 2: Step-by-step visual guide for assembling the game board.

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Video 1: Demonstrates the assembly of the game board and initial track building for the Logical Road Builder Game.

2. Preparing the Cars

Each toy car is equipped with a pull-back mechanism. To activate, pull the car backward on a rough surface, then press the brake button to hold it in place. Release the brake to send the car forward.



Figure 3: Instructions for winding up the toy car's pull-back mechanism.

Operating Instructions (How to Play)

Game Objective

The primary goal is to construct a continuous road using the various track pieces, allowing your toy car to transport a marble ball from a designated starting point to a finish point.

Game Modes

The game offers multiple play modes to suit different ages and skill levels:

- **Single Player Mode:** Follow the challenges provided in the instruction booklet. Each challenge presents a starting point, an end point, and a set of track pieces to use. Your task is to arrange the pieces to create a functional path.

CREATE YOUR OWN TRACK ROUTE



Figure 4: Example of a single-player challenge setup.

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Video 2: Overview of the STEM Family Board Game, demonstrating single-player challenges and car movement.

- **Two Player Competitive Mode:** Two players each build their own path simultaneously, racing to be the first to successfully guide their car and marble to the finish.
- **Two Cars Relay Mode:** Players work together to create a longer, more complex path that requires both cars to complete sections of the route, passing the marble between them.

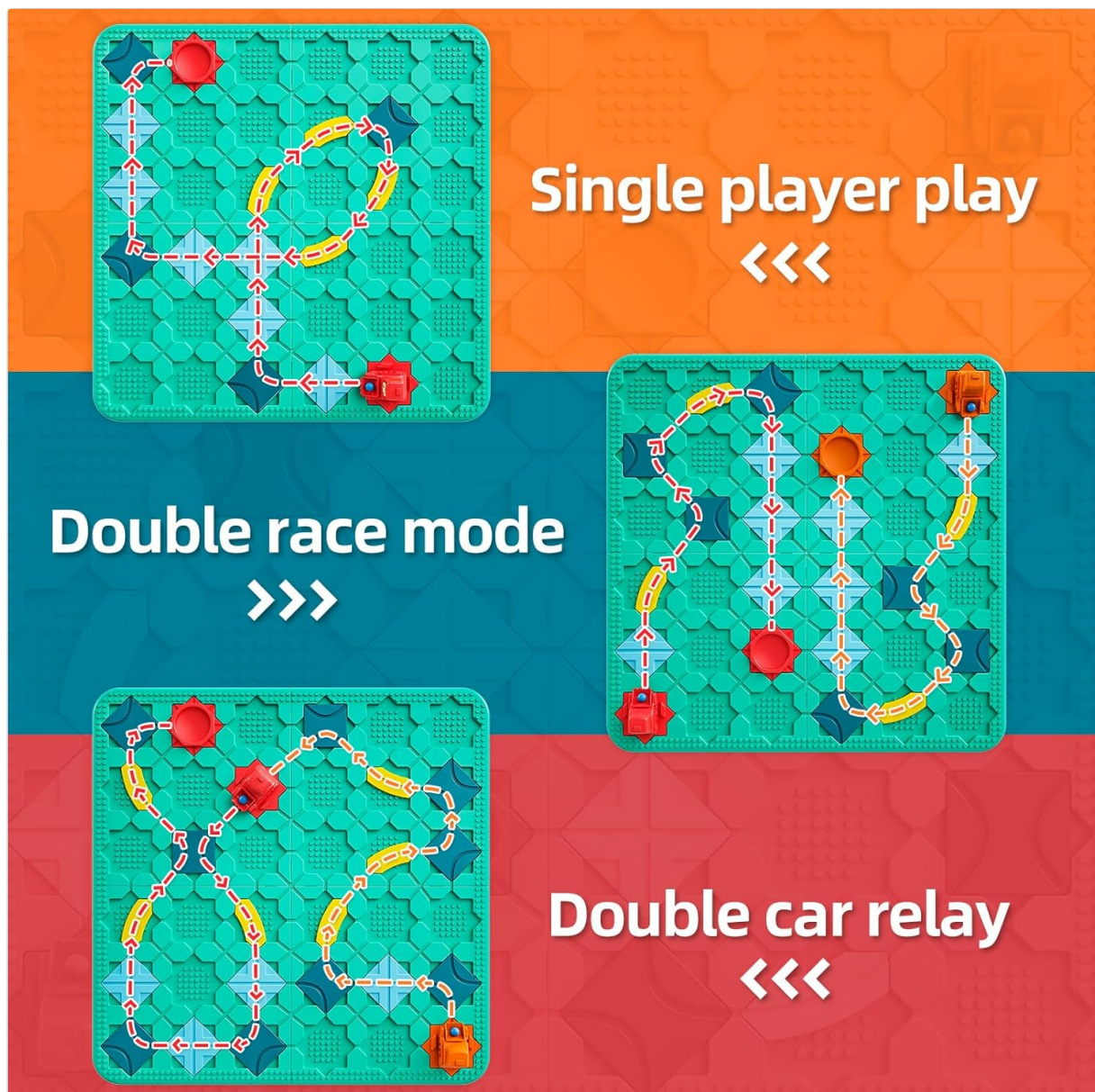


Figure 5: Visual representation of the various game modes available.

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Video 3: Shows children engaging with the STEM board game, highlighting interactive play and different modes.

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Video 4: Demonstrates the burgkidz STEM building set, including various play scenarios and car movement.

Customization and Expansion

The game board is designed to be compatible with classic building blocks, allowing for expanded creativity. Users can integrate their own building blocks to construct tunnels, bridges, and other structures, adding new dimensions to their road designs and challenges.



Figure 6: Example of the game board integrated with classic building blocks for enhanced play.

Care and Maintenance

- **Cleaning:** Wipe all game components with a soft, damp cloth. Avoid using abrasive cleaners or harsh chemicals.
- **Storage:** Store all pieces in the provided storage bag or a dry, cool place away from direct sunlight to prevent warping or damage.
- **Inspection:** Periodically inspect all pieces for wear and tear. Discontinue use if any parts are broken or damaged.

Troubleshooting

- **Car gets stuck or does not reach the end:**
 - Ensure all track pieces are securely connected and lie flat on the board. Uneven connections can impede car movement.
 - Verify that the car is wound sufficiently before releasing the brake.
 - Check for any small obstructions on the track.
- **Marble ball falls out of the car:**
 - Ensure the car is placed correctly on the track and the marble is seated properly in the car's scoop before starting.
 - Rapid or jerky movements during play may cause the ball to dislodge.

Product Specifications

Feature	Detail
Product Dimensions	22 x 22 x 0.04 inches
Item Weight	2.82 pounds
Item Model Number	BS805
Manufacturer Recommended Age	3 years and up
Manufacturer	burgkidz

Warranty and Customer Support

For any questions, concerns, or issues regarding your burgkidz Logical Road Builder Game, please contact our customer support team. Refer to the product packaging or the official burgkidz website for specific warranty details and contact information.

- **Online Support:** Visit the burgkidz Store on Amazon for FAQs and additional product information.