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› [ELONGDI Magnetic Building Blocks \(132 Pieces\) Model E-144 Instruction Manual](#)

## ELONGDI E-144

# ELONGDI Magnetic Building Blocks Instruction Manual

MODEL: E-144 (132 PIECES)

## 1. Introduction

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Thank you for choosing the ELONGDI Magnetic Building Blocks set. This manual provides essential information for the safe and effective use of your new magnetic construction toy. This set is designed to encourage creativity, spatial thinking, and hand-eye coordination through engaging construction activities.

## 2. Safety Information

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- **Choking Hazard:** This product contains small parts (steel balls and magnetic sticks) and is not suitable for children under 3 years of age. Adult supervision is recommended during play.
- **Material Safety:** The magnetic sticks are made from safe, odorless PP material and are ASTM certified. They are non-toxic and free from BPA or other harmful substances.
- **Magnet Safety:** Ensure all magnetic components remain intact. Ingested magnets can cause serious injury. Seek immediate medical attention if magnets are swallowed.
- **Handling:** Avoid throwing or forcefully impacting the blocks, as this may damage the components.

## 3. Package Contents

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Your ELONGDI Magnetic Building Blocks set includes the following components:

- 100 x Magnetic Sticks (various colors)
- 32 x Non-Magnetic Steel Balls
- 1 x Colorful Idea Booklet
- 1 x Portable String Storage Bag

# 100 PCS Sticks

+32 Steel Balls



colorful: Train strong sense of color of your kids



Figure 3.1: Contents of the ELONGDI Magnetic Building Blocks set, including 100 magnetic sticks and 32 steel balls. The image also displays the approximate dimensions of a single stick (2.3 inches) and ball (0.47 inches).

## 4. Setup

1. Unpack all components from the packaging.
2. Ensure all 100 magnetic sticks and 32 steel balls are present.
3. Review the colorful idea booklet for initial building concepts.
4. Prepare a clean, flat surface for construction.

## 5. Operating Instructions

The ELONGDI Magnetic Building Blocks are designed for intuitive assembly. The magnetic sticks connect to the steel balls, allowing for the creation of various 2D and 3D structures.

### 5.1 Basic Assembly

- Hold a magnetic stick and bring its end close to a steel ball. The magnet inside the stick will attract the steel ball, forming a connection.
- Multiple sticks can connect to a single steel ball, allowing for complex geometric shapes. A steel ball can typically accommodate connections from several sticks, forming vertices in a structure.

- Experiment with different angles and connections to understand the magnetic forces and structural stability.

## 5.2 Creative Building

Utilize the included colorful idea booklet for inspiration. The blocks support the construction of:

- **Geometric Shapes:** Triangles, squares, pentagons, hexagons, and more complex polyhedra.
- **Structures:** Houses, towers, bridges, vehicles, and abstract sculptures.
- **Educational Models:** Demonstrate basic math concepts like counting, color recognition, and geometric modeling.

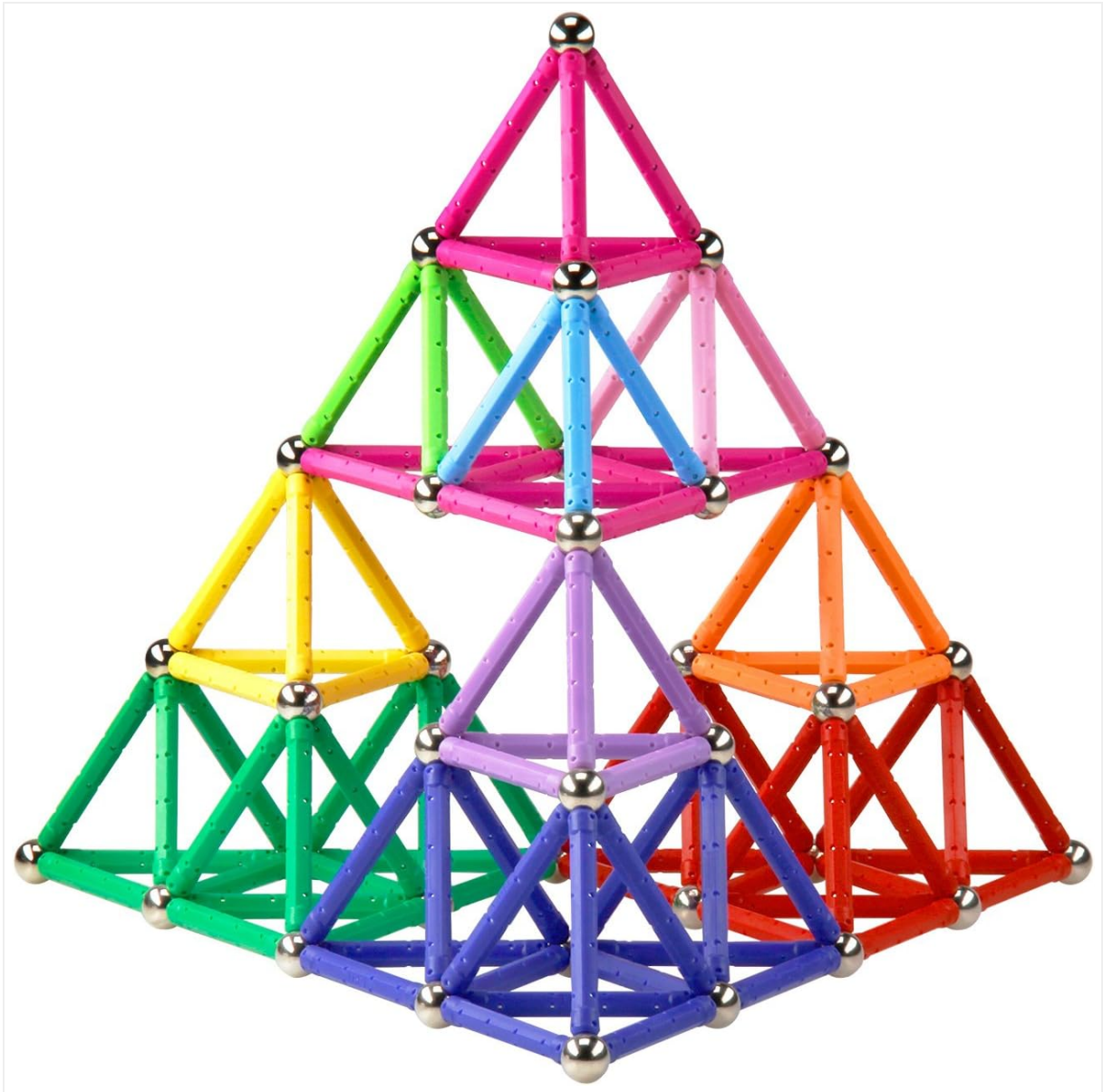


Figure 5.1: Example of a multi-tiered pyramid structure constructed using the magnetic building blocks.



Figure 5.2: A star-like geometric shape demonstrating the versatility of the magnetic connections.

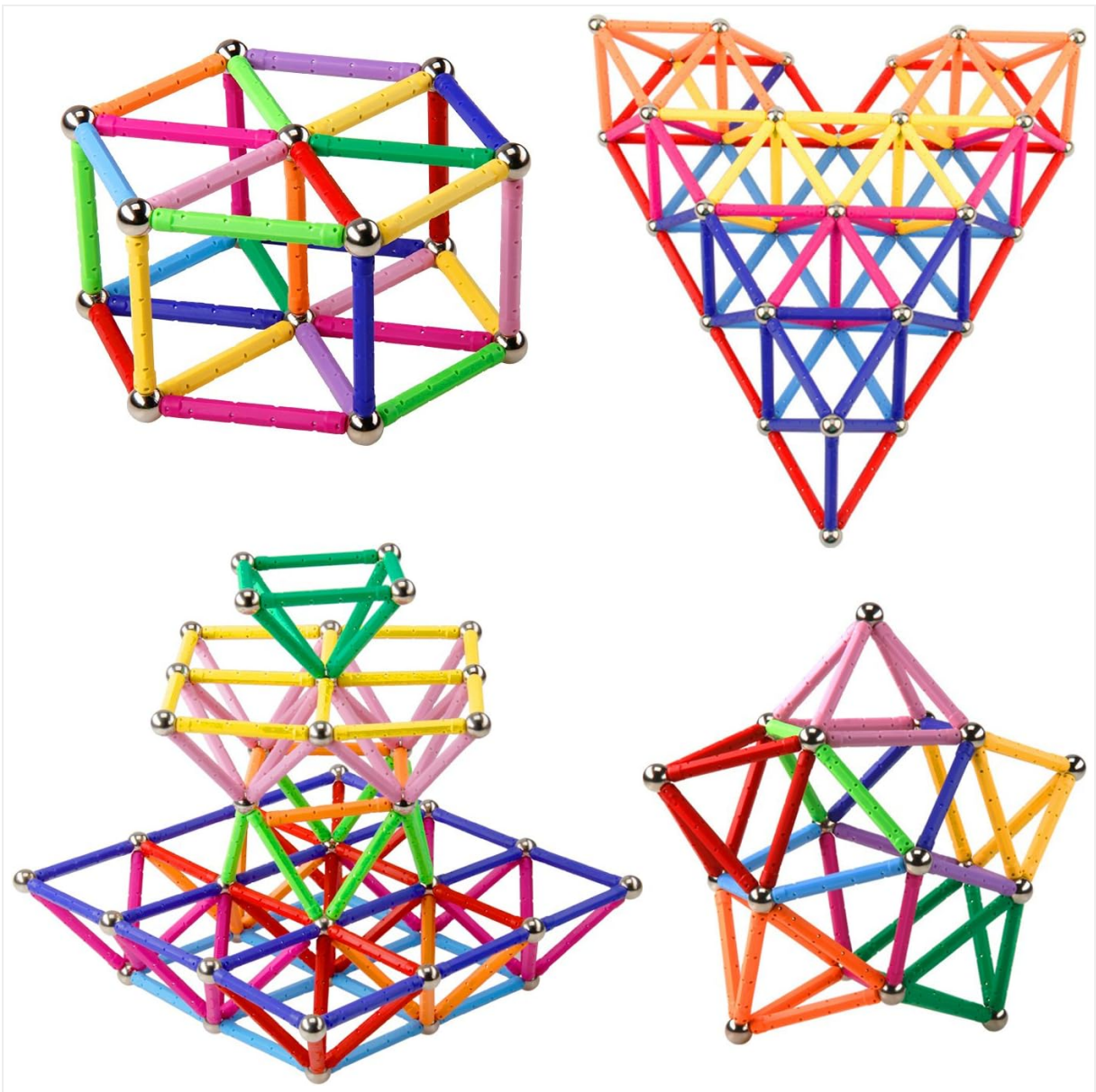


Figure 5.3: Various example constructions, showcasing a cube, a heart, and other complex shapes.

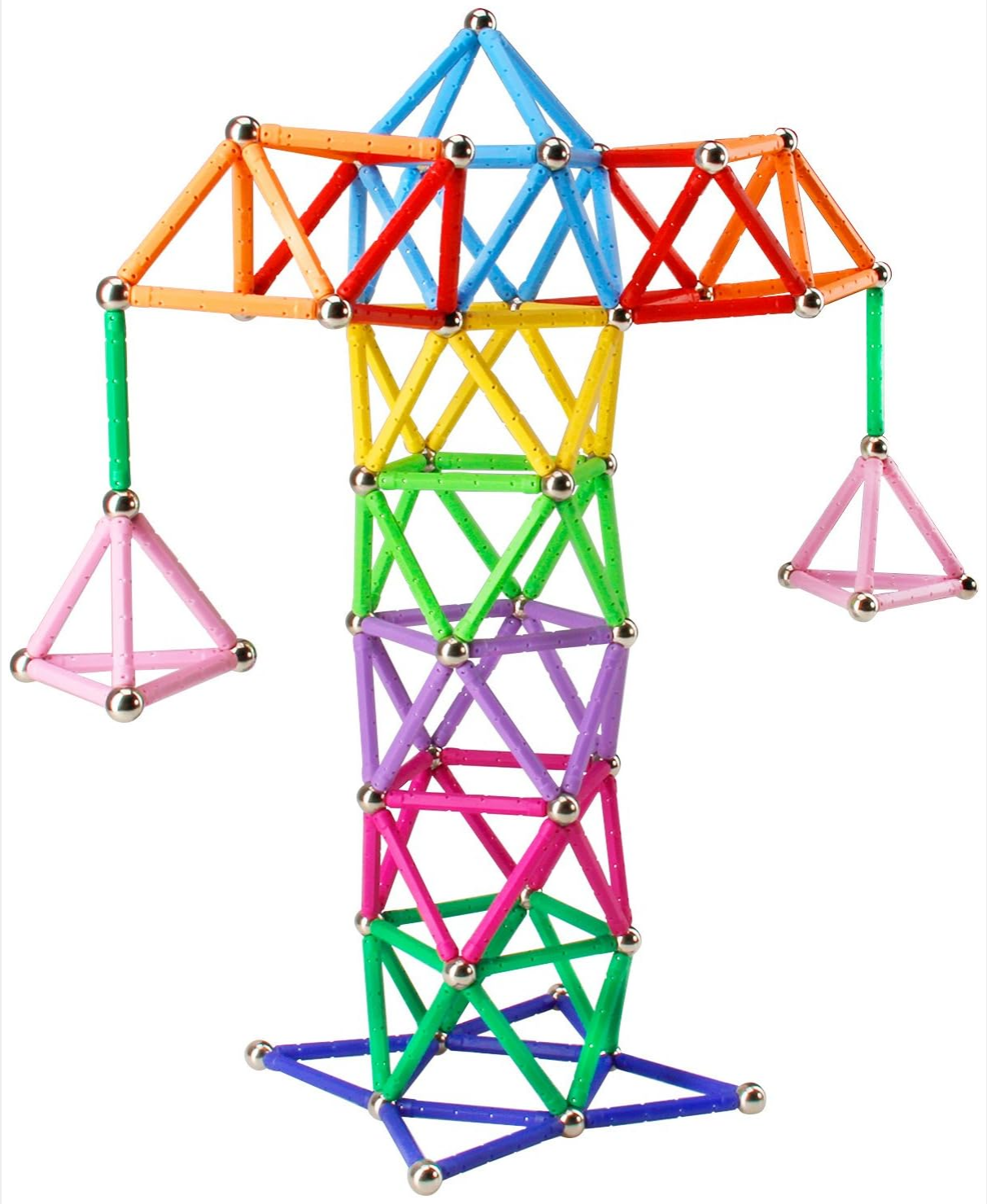


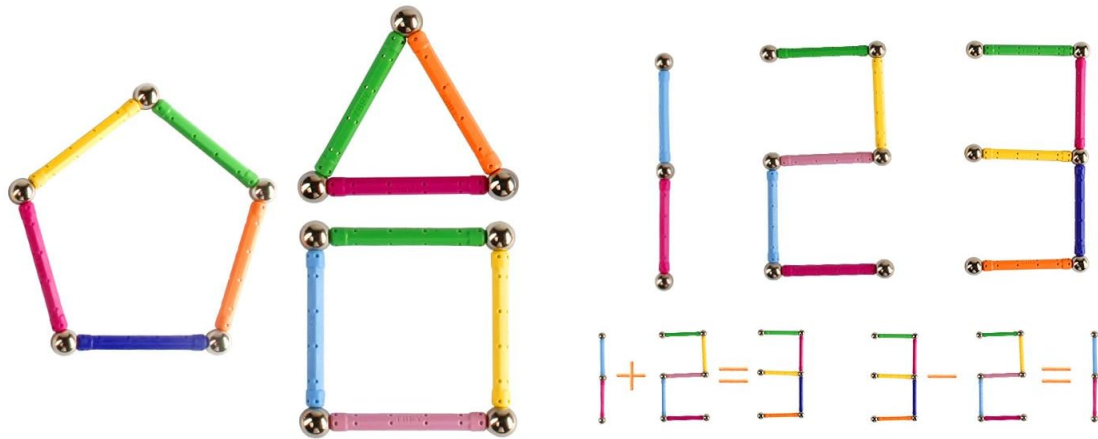
Figure 5.4: An intricate tower design, illustrating advanced building possibilities.

## Build up a positive relationship with your kids:

Not just an intimate game partner, meanwhile develop logical ability of your kids.

Enhance their creativity and imagination. Perfect toy for physical and mental development.

It could also as a refill set for Elongdi magnetic building blocks set



✓ Inspirational

✓ Recreational

✓ Educational

✓ Convertional



Figure 5.5: Demonstrations of educational applications, including forming numbers and basic shapes.



Figure 5.6: A child engaged in building with the magnetic blocks, showing typical use.

## 6. Maintenance and Care

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- **Cleaning:** Wipe the magnetic sticks and steel balls with a damp cloth and mild soap if necessary. Do not immerse in water. Ensure all parts are completely dry before storage.
- **Storage:** After use, store all components in the provided portable string bag to prevent loss and keep them organized. Store in a cool, dry place away from direct sunlight.
- **Inspection:** Periodically inspect the magnetic sticks for any signs of damage or wear. Discontinue use if any part is broken or compromised.

## 7. Troubleshooting

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- **Weak Connections:** Ensure the magnetic sticks are properly aligned with the steel balls. The magnets are designed to provide a strong hold when connected correctly.
- **Missing Pieces:** If pieces are missing upon opening, carefully check all packaging materials. For replacement parts or significant discrepancies, contact customer support.
- **Difficulty Building:** Refer to the colorful idea booklet for guidance. Start with simpler shapes and gradually progress to more complex structures.

## 8. Specifications

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<b>Product Name</b>	Magnetic Building Blocks
<b>Brand</b>	ELONGDI
<b>Model Number</b>	E-144
<b>Number of Pieces</b>	132 (100 Magnetic Sticks, 32 Steel Balls)
<b>Materials</b>	PP Plastic, Magnets, Steel
<b>Certifications</b>	ASTM Certified
<b>Product Dimensions</b>	2 x 22.8 x 25 inches (packaging)
<b>Item Weight</b>	2.38 pounds
<b>Recommended Age</b>	3 years and up

## 9. Warranty and Support

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For any questions, concerns, or support regarding your ELONGDI Magnetic Building Blocks, please refer to the seller's contact information on the purchase platform or visit the official ELONGDI store page. Please retain your proof of purchase for any warranty claims.

**ELONGDI Store:** [Visit ELONGDI Store on Amazon](#)