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› PicassoTiles 70pc Marble Run Magnetic Tiles STEM Set Instruction Manual PTG70

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PicassoTiles 70pc Marble Run Magnetic Tiles STEM Set Instruction Manual

Model: PTG70

INTRODUCTION

The PicassoTiles 70pc Marble Run Magnetic Tiles STEM Set is designed to foster cognitive growth, problem-solving skills, and creativity in children aged 3 and older. This set combines magnetic building tiles with marble run components, allowing for the construction of multi-layered, 3D marble race tracks. It encourages hands-on exploration of physics, gravity, magnetism, and basic engineering principles through engaging play.

IMPORTANT SAFETY INFORMATION

WARNING: THIS PRODUCT CONTAINS SMALL PARTS. Swallowed small parts can stick together across intestines causing serious infections and fatal injury. Seek immediate medical attention if small parts are swallowed or inhaled.

COMPONENTS OVERVIEW

This 70-piece set includes a variety of magnetic tiles and marble run components to create diverse structures. Key components include:

- Magnetic square tiles with central holes for marble pathways.
- Various track pieces: columns, slopes, centrifugal funnels, U-turns, and straight tracks.
- Marbles (typically 4 large, child-safe marbles).



Image: The PicassoTiles 70pc Marble Run Magnetic Tiles STEM Set box, showcasing the variety of magnetic tiles and marble run pieces included in the kit.

Trust in Picasso Tiles Quality



10 Unique
Tile Types



High
Transparency



Strong,
Reinforced
Magnet



Heavy-Duty
Lattice

Image: A detailed breakdown of the 70 pieces, including 10 straight tracks, 2 long slopes, 2 centrifugal funnels, 8 U-turn pieces, 4 marbles, 4 curved tracks, 4 short straight tracks, 32 square tiles with holes, 1 square tile with a dome, and 1 triangular tile.

For more ideas and building instructions, scan the QR code on the product box or visit qr.codes/pro/XHllwe.

SETUP AND ASSEMBLY

Follow these steps to assemble your PicassoTiles Marble Run:

1. **Unpack Components:** Carefully remove all pieces from the packaging.
2. **Connect Magnetic Tiles:** Use the magnetic edges of the square tiles to form stable bases and vertical structures. Ensure the holes in the tiles align to create continuous pathways for the marbles.
3. **Integrate Track Pieces:** Attach the various track pieces (slopes, U-turns, funnels, straight tracks) to the holes in the magnetic tiles. The track pieces are designed to click securely into the tile openings.
4. **Build Pathways:** Design and construct a marble run pathway. Experiment with different configurations to create unique and challenging routes for the marbles.
5. **Test the Run:** Once a section or the entire run is assembled, place a marble at the starting point and observe its

journey through the track. Adjust pieces as needed to ensure smooth flow.

Build, Play, Learn



Endless
Possibilities



Imaginative
Problem-Solving
Skills



Art Meets
STEM

Image: A child interacting with a multi-level marble run structure built using the magnetic tiles and track pieces.

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Video: A demonstration of the PicassoTiles Marble Run in action, showing marbles rolling through various track sections. This video highlights the ease of assembly and the engaging play experience.

OPERATING THE MARBLE RUN

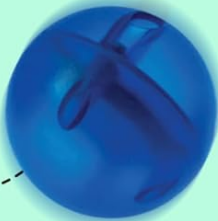
Using the PicassoTiles Marble Run is straightforward and encourages creative exploration:

- **Place Marbles:** Once your marble run is constructed, place one or more marbles at the designated starting points (e.g., the top of a slide or funnel).
- **Observe and Learn:** Watch as the marbles travel through the pathways, demonstrating principles of gravity, momentum, and cause-and-effect.
- **Experiment:** Encourage children to experiment with different starting points, marble quantities, and track

modifications to see how the marble's path changes.

- **Collaborative Play:** The open-ended nature of the set makes it ideal for group play, fostering communication and teamwork as children build and test their designs together.





Fun, Interactive Learning

Unleash Imagination!



Let your child create wonders!

Image: Two children actively engaged in playing with a large, intricate marble run structure, highlighting the interactive and collaborative aspects of the toy.

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Video: A parent's review highlighting the educational benefits and fun of the PicassoTiles Marble Run, showing various ways children can interact with the set.

CARE AND MAINTENANCE

To ensure the longevity and safety of your PicassoTiles Marble Run, follow these care instructions:

- **Cleaning:** Wipe down magnetic tiles and track pieces with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners, as these can damage the plastic.
- **Storage:** Store all components in a dry, cool place away from direct sunlight. The original packaging or a dedicated

storage bin is recommended to keep pieces organized and prevent loss.

- **Inspection:** Regularly inspect all pieces for any signs of wear, cracks, or damage. Discontinue use of any broken pieces to prevent potential hazards, especially concerning exposed magnets.
- **Handling:** While durable, avoid excessive force or dropping pieces from high places to prevent breakage.

Safe Play, Happy Kids



Image: A close-up view emphasizing the safety features of the tiles, such as BPA-free material, rounded corners, and strong magnetic connections.

TROUBLESHOOTING

If you encounter issues with your marble run, consider the following:

- **Marbles Getting Stuck:**
 - Check for misaligned track pieces or tiles. Ensure all connections are secure and pathways are smooth.
 - Verify that the slopes are steep enough for gravity to propel the marbles.
 - Ensure no foreign objects are obstructing the tracks.

• **Structures Collapsing:**

- Reinforce the base and vertical supports with additional magnetic tiles.
- Ensure tiles are connected firmly and magnets are fully engaged.
- Avoid building excessively tall or unstable structures without proper support.

• **Pieces Not Connecting:**

- Ensure you are using compatible pieces. While PicassoTiles are generally compatible with other magnetic tile brands, specific marble run connectors are designed for PicassoTiles.
- Check for any damage to the connection points on the tiles or track pieces.

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Video: A user review discussing potential durability concerns with some track pieces and how they might affect stability over time. This can be useful for understanding potential troubleshooting scenarios related to broken connectors.

SPECIFICATIONS

Feature	Detail
Brand Name	PicassoTiles
Model Number	PTG70
Set Name	70pc Marble Run Magnetic Tiles STEM Set
Age Range Description	Kid (Manufacturer Minimum Age: 36.0 Months)
Educational Objective	Creative Thinking, Imagination Development, Shape Recognition, STEM, Team Building Skills
Material Type	Plastic
Item Weight	2.2 Pounds
Item Dimensions	14 x 11.75 x 3.25 inches
Included Components	Toy (70 pieces including magnetic tiles, track pieces, and marbles)
UPC	749684525156, 817338022228

WARRANTY AND SUPPORT

Specific warranty details and direct customer support contact information are not provided in the product data. For inquiries regarding warranty, replacement parts, or technical support, please refer to the official PicassoTiles website or contact the retailer where the product was purchased.

You can visit the PicassoTiles Store for more information:[PicassoTiles Store](#)

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