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Model: PTG60

1. PRODUCT OVERVIEW

The PicassoTiles PTG60 Magnetic Marble Run Set is a 60-piece educational construction toy designed to promote problem-solving skills, hand-eye coordination, and fine motor skills. This set features quick-connect magnetized translucent color tiles, allowing for the creation of multi-layer 3D maze race track structures. It encourages STEM learning through intuitive play, fostering creativity, architectural design, and structural engineering concepts.



Figure 1: PicassoTiles PTG60 Magnetic Marble Run Set packaging.

2. WHAT'S IN THE BOX

The PTG60 set includes 60 pieces for building various marble run configurations. These components are designed for easy assembly and creative exploration.

Included Components:

- 60 Piece Race Track components (various magnetic tiles, columns, slopes, funnels, U-turns, and other track pieces)
- 3 Marbles
- Idea Booklet for construction guidance

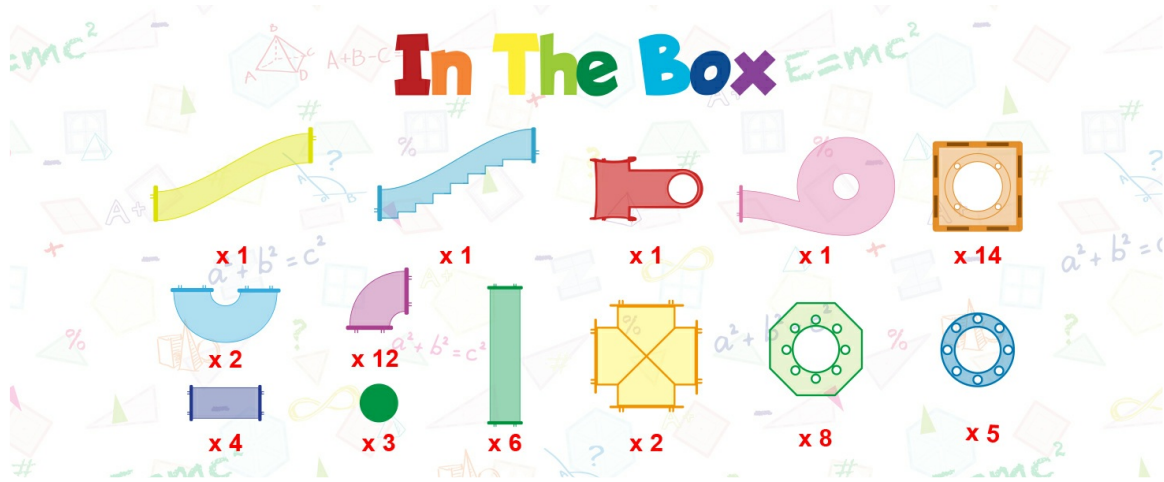


Figure 2: Detailed illustration of all 60 pieces included in the set.

3. SETUP

Follow these steps to set up your PicassoTiles Marble Run:

1. **Unpack Components:** Carefully remove all 60 pieces and marbles from the packaging.
2. **Review Idea Booklet:** Consult the included Idea Booklet for various design suggestions and construction examples. This booklet provides guidance on how many of each piece are needed for specific structures.
3. **Connect Magnetic Tiles:** The translucent color tiles feature quick-connect magnets. Simply bring the edges of two magnetic tiles together, and they will snap into place.
4. **Assemble Track Pieces:** Attach the columns, slopes, funnels, and U-turn pieces to the magnetic tiles. Ensure all connections are secure to prevent the structure from collapsing during play. The track pieces are designed to fit into the circular holes on the magnetic tiles.
5. **Build Your Structure:** Use your imagination or follow the designs in the Idea Booklet to construct a multi-layer 3D maze race track. Experiment with different configurations to observe how gravity and physics affect the marble's path.

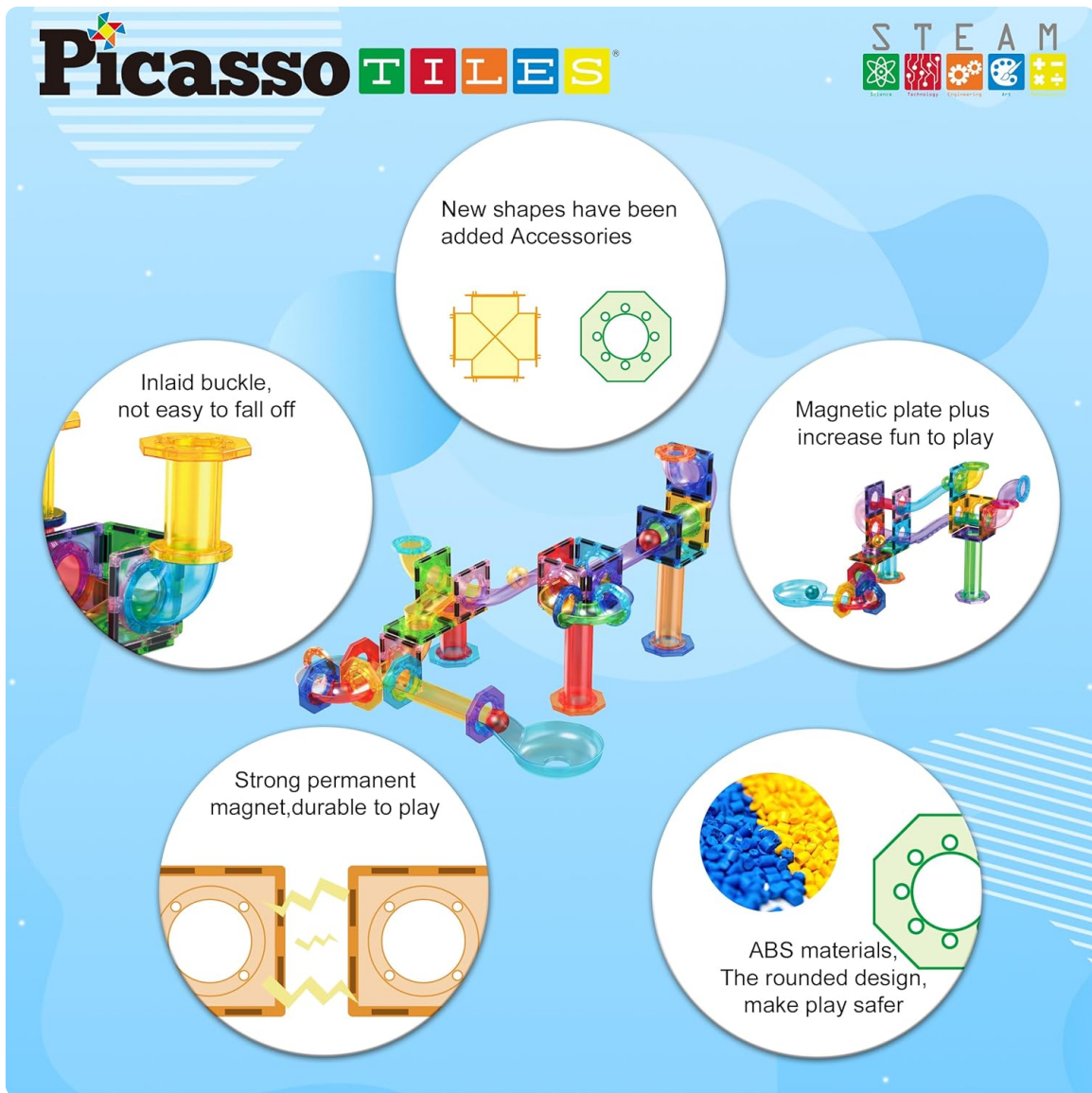


Figure 3: Illustration of magnetic tile connection points and track piece integration.

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Video 1: Official PicassoTiles Magnetic Marble Run demonstration, showcasing assembly and marble movement.

4. OPERATING

Once your marble run structure is built, operating it is simple:

1. **Place Marbles:** Drop one or more of the included marbles into the designated starting points or openings of your constructed track.
2. **Observe Flow:** Watch as the marbles travel through the various slopes, tunnels, and funnels.
3. **Experiment:** Modify your structure by adding or rearranging pieces to create new paths and challenges for the marbles. This encourages continuous engagement and learning.

Happy time for the kids



Figure 4: Children engaging with a completed PicassoTiles Marble Run structure.

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Video 2: A short video demonstrating the marble run in action, highlighting the flow of marbles through the tracks.

5. MAINTENANCE

To ensure the longevity and cleanliness of your PicassoTiles Marble Run set:

- **Cleaning:** Wipe the plastic pieces with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners, as these may damage the material.
- **Storage:** Store all pieces in the original sturdy box or a suitable container to prevent loss and damage. Keep away from extreme temperatures and direct sunlight.
- **Inspection:** Periodically check pieces for any signs of wear or damage. Discontinue use of any broken pieces to ensure safety.

6. TROUBLESHOOTING

If you encounter any issues while using your marble run set, consider the following:

- **Pieces Not Snapping Together:** Ensure the magnetic tiles are aligned correctly. The magnets are designed for quick connection, but proper alignment is necessary. Apply gentle, firm pressure.
- **Structure Instability:** If the structure is wobbly or falls apart easily, reinforce the base and key connection points with additional magnetic tiles or columns. Ensure all track pieces are fully inserted into the tile holes.
- **Marbles Getting Stuck:** Check the path for any misaligned track pieces or obstructions. Ensure slopes are steep enough for gravity to propel the marbles effectively.

7. SPECIFICATIONS

Feature	Detail
Brand Name	PicassoTiles
Model Number	PTG60
GTIN / UPC	817338028176
Age Range Description	Kid (Manufacturer Minimum Age: 36 months)
Educational Objective	Creative Skill, Imagination Development, STEM, Shape Recognition, Team Building Skills
Material Type	Plastic (Child Safe, Non-Toxic, BPA-Free, Lead-Free)
Item Dimensions	16 x 12 x 3 inches (30.48 cm x 40.64 cm x 7.62 cm)
Included Components	60 Piece Race Track

8. WARRANTY AND SUPPORT

This PicassoTiles product comes with a **120-day parts warranty** provided by the manufacturer. For any support inquiries or warranty claims, please refer to the contact information provided on the product packaging or visit the official PicassoTiles website.

