

FRONT

BRICK LOGIC™

Includes:

- 5 Brick Pieces
- 60 Challenge Cards with Solutions
- Game-Go Bag

Your Goal:

Combine the pieces to match the image on the challenge card.

To Play:

- Spill out the five pieces on a table.
- Select a challenge card from the deck.
- Assemble the pieces to match the image on the card.

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BACK

If You Get Stuck:

Solutions to the challenges are on the back of each card.

More Ways to Play:

- **Memory Game:** Start by allowing players to look at solutions for ten or fifteen seconds, then flip the card over and play the challenge side. This is a great way for parents to play with younger children!
- **Symmetry Game:** Use the five pieces to build walls that are symmetrical (the same shape on left and right sides). You don't need cards for this, any wall you build which is symmetrical wins!

About the Inventor:

Brick Logic™ was invented by Ferdinand.

Growth Mindsets in Math

To be a successful STEM learner, students must develop a mental mindset for growth. That mindset requires students to show persistence and determination as they encounter more complex challenges throughout their education.



In her book, *Mindsets in the Classroom* (Prufrock Press, 2013), Mary Cay Ricci implemented a Critical Thinking Growth Mindset Project in 6 schools in low income areas containing a total of 53 classrooms. Those schools embedded ThinkFun games in the classrooms. She writes:

“These games, in partnership with growth mindset lessons, showed unexpected results in just 7 months. Not only did the teachers report increased motivation and persistence, but the data showed growth in reasoning abilities...All 6 schools averaged growth of 8 percentile points in analogical reasoning and 7 percentile points for quantitative reasoning.”

ThinkFun's special collection of STEM games challenge children to develop reasoning skills through fun, leveled challenges.



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