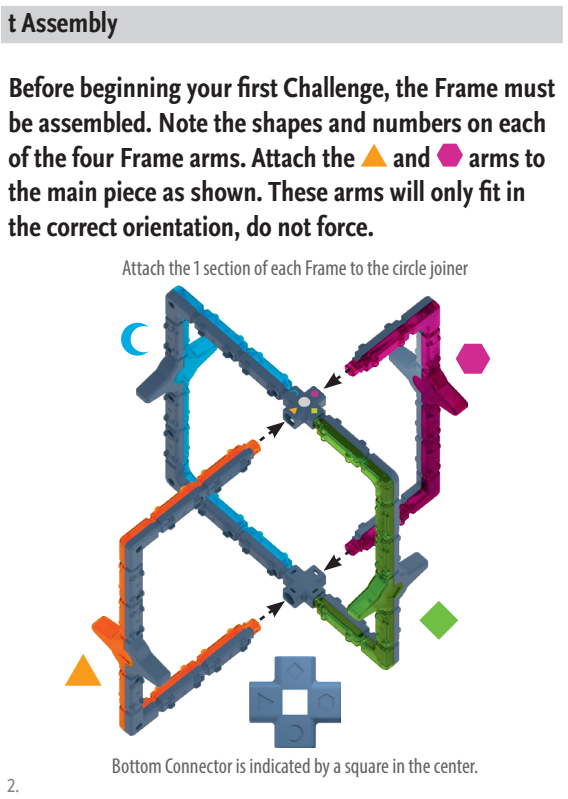




- Includes**
- 1. Frame (1 main piece, 2 detachable arms, see Frame Assembly on page 2)
 - 3 Balls
 - 1 Start Cup
 - 1 Target Cup
 - 2 Single Cups
 - 2 Double Cups
 - 2 Triple Cups
 - 5 Short Clips
 - 3 Long Clips
 - 3 Funnels
 - 1 Challenge Booklet (1 Challenge Walkthrough, 60 Beginner to Expert Challenges with Solutions)



Reading the Solutions (on the back of each page)

The shapes at the bottom represent the Frame handle or Joiner facing UP after each turn.

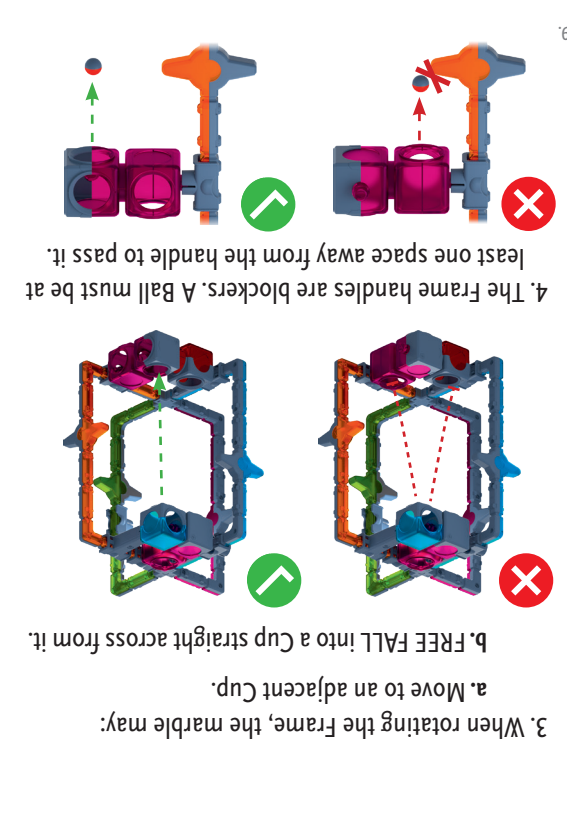
About the Inventor

Dan Kitstner is an industrial designer best known for inventing a talking piece of plastic and getting people to top it. With his partners Gary Levenberg and Brian Clemens, he founded KID Group in 1990 specializing in creating 3 dimensional games combining music, physical interaction, and digital experiences.

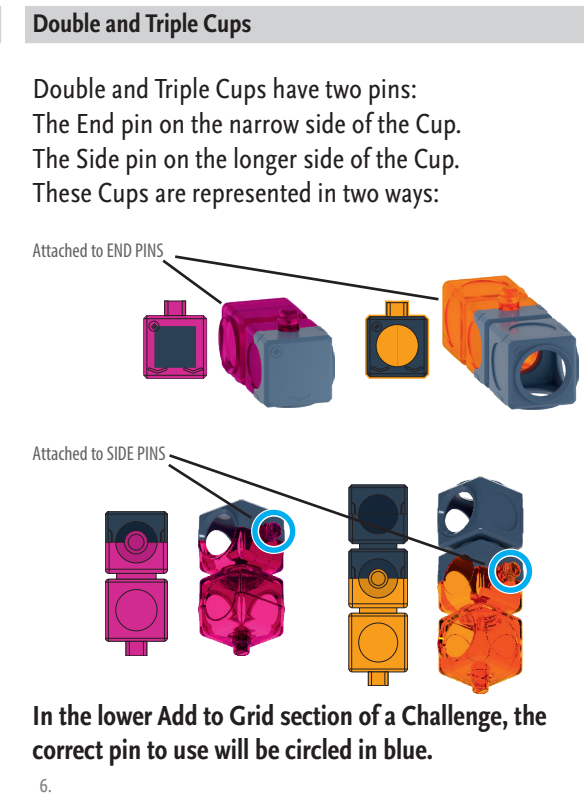
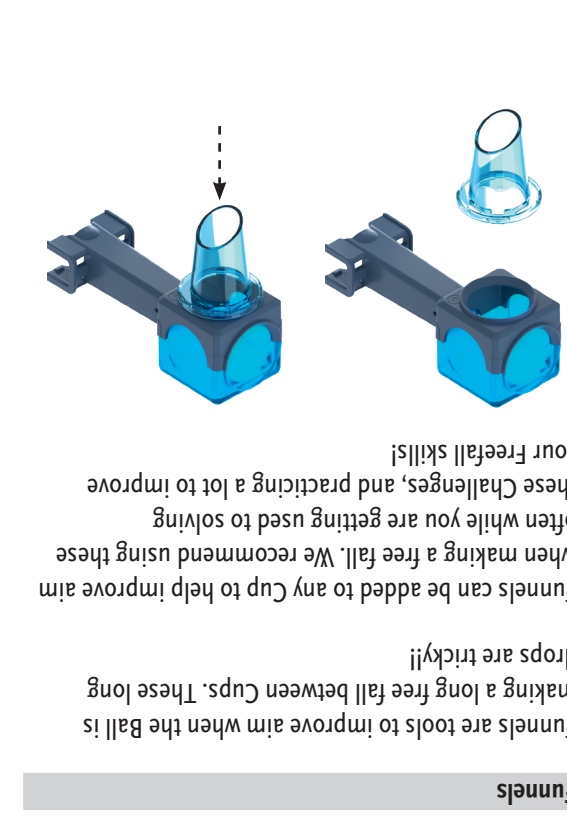
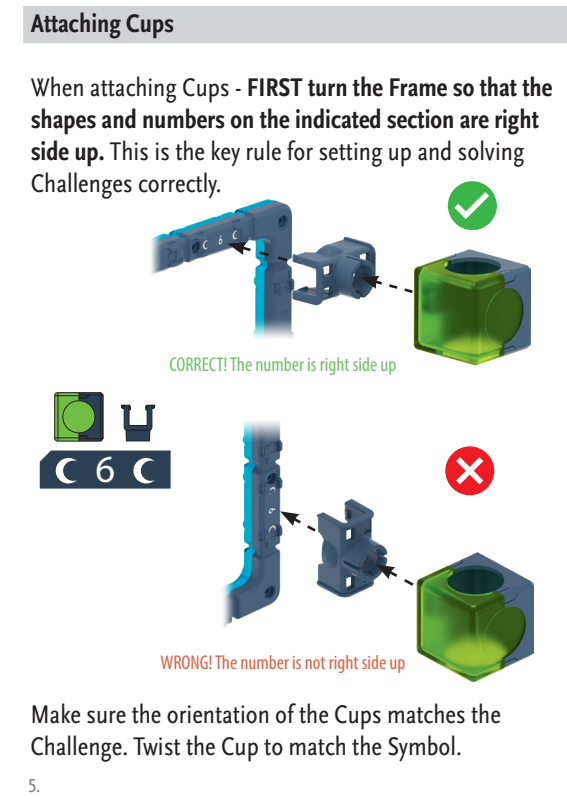
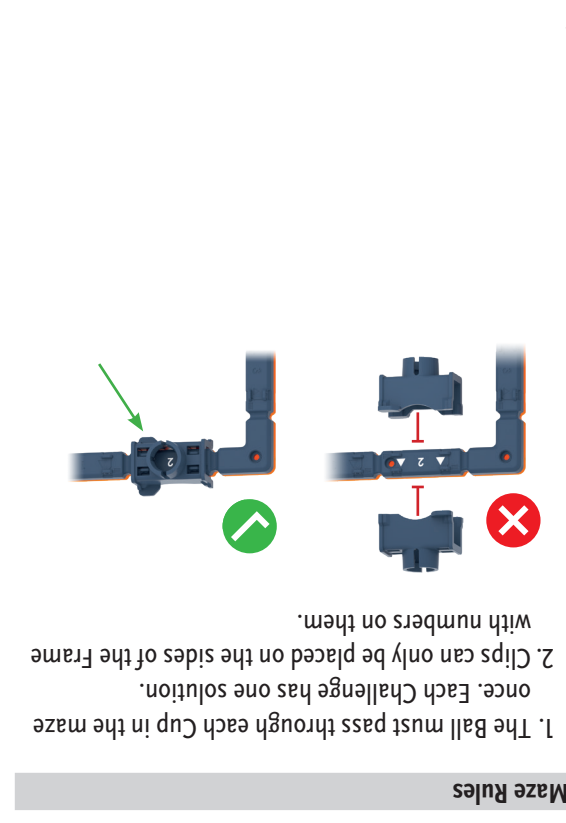
Challenges by Mark Engelberg

Cup Guide

Description	Symbol	Cup
Green Start Cup* 2 Parallel Openings 1 Pin * The Ball always starts in this Cup		
Red Target Cup* 1 Opening 1 Pin * The Ball always ends in this Cup		
Blue Single Cup 2 Perpendicular Openings 1 Pin		
Purple Double Cup 4 Openings 2 Pins		
Orange Triple Cup 5 Openings 2 Pins		



- How to Play**
- Objective: Freefall is part logic game, part skill game. First, solve the puzzle to build a maze. Then, drop the Ball through the Start Cup, and flip the maze from side to side to get the Ball to land in the Target Cup!
1. Select a Challenge.
 2. Set-Up: Attach Cups to the Frame with Clips as indicated on the upper portion of the Challenge. (See pages 5-6 for more details on placing Cups.)
 3. Add to Grid (+): Solve the Challenge by adding all the Cups and Clips shown on the lower portion of the Challenge.
- When you believe your Challenge is solved, drop a Ball through the green Start Cup. Flip and turn the maze so the Ball passes through each Cup once. When the Ball lands in the Target Cup - **YOU WIN!**



ThinkFun's Mission is to Ignite Your Mind!

ThinkFun® is the world's leader in additively fun games that stretch and sharpen your mind. From lighting up young minds to creating fun for the whole family, ThinkFun's innovative games make you think while they make you smile.

www.ThinkFun.com

Scan to Follow Us

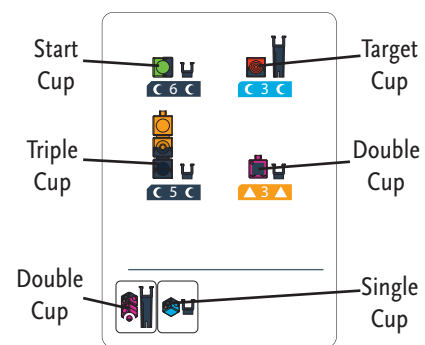
© 2022 Ravensburger North America, Inc. All Rights Reserved.
MADE IN CHINA. #76 474 Z 1N01.

Challenge Walkthrough

If you are ready to play, proceed to Challenge 1 in the Challenge Booklet. If you need additional help, build along with this step-by-step guide to practice setting up and solving a sample Challenge.

This same Challenge is also found at the beginning of the Challenge Booklet for you to follow along.

(We recommend that you read the instructions on pages 1-10 before beginning this walkthrough.)

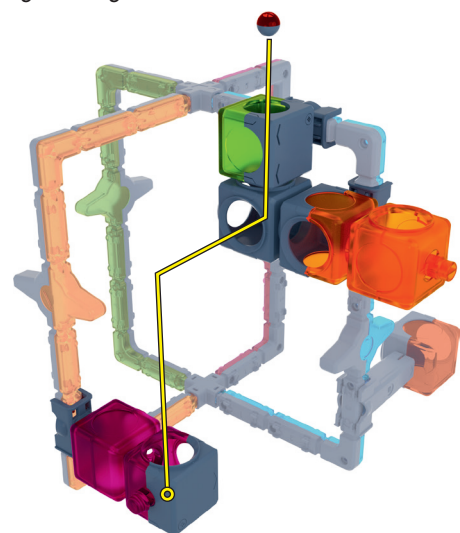


11.

Now let's look at the assembled Challenge and determine where to place the Cups.

The Ball is going to start at the green Start Cup, then travel through the orange Triple Cup.

We need to place a Cup so that the Ball has a way to travel to the purple Double Cup. at Triangle-Orange-3.

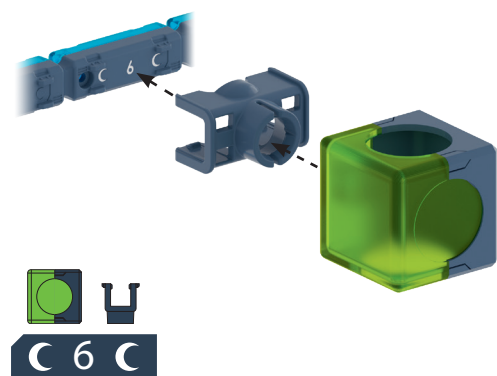


17.

Following the key rule for set-up, turn the Frame so that the Moon-Gray-6 is upright, matching the graphic.

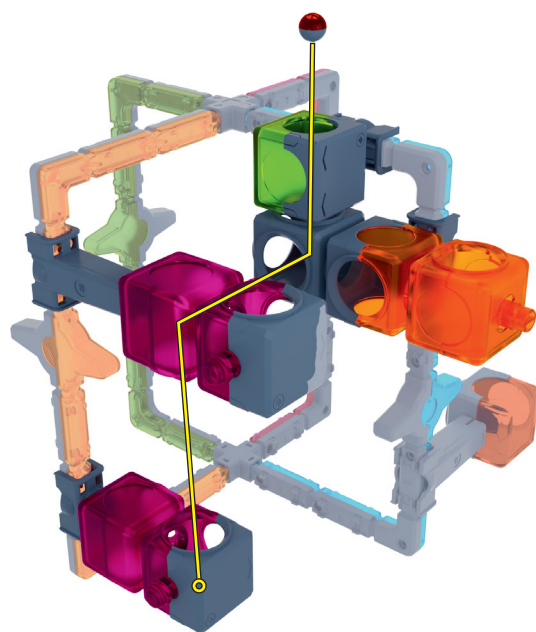
Attach the Short Clip and START Cup on this section as shown, making sure the four holes on the Clip are over the four tabs on the Frame section.

Attach the Start Cup to the short Clip as shown.



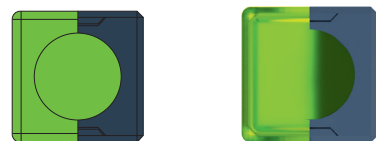
12.

Place the Double Cup with the Long Clip at Triangle-Orange-5, as shown.



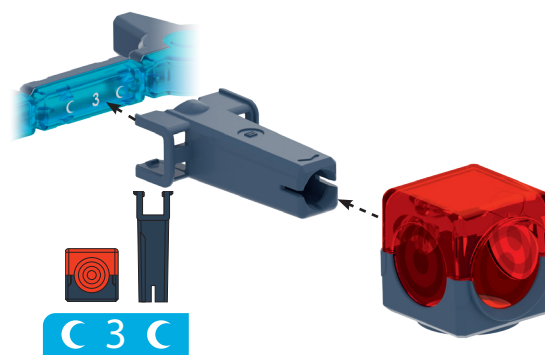
18.

Make sure the START Cup is rotated to match the graphic in the Challenge.



Repeat these steps for the remaining Cups.

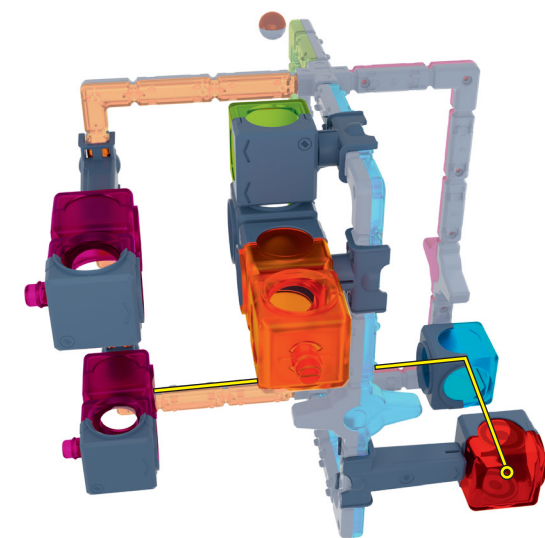
Remember: Always turn the Frame so the numbers are right side up before placing the Cups!



13.

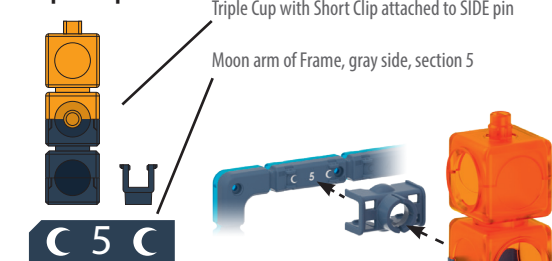
Next, we need to place a Cup so that the Ball can travel from the Double Cup on Triangle-Orange-3 to the Target Cup.

Place the Single Cup at Hexagon-Gray-2, as shown.

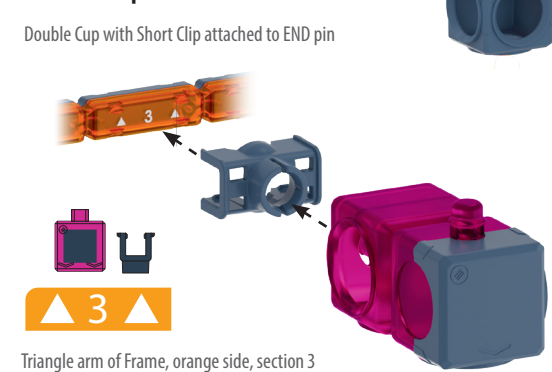


19.

Triple Cup



Double Cup

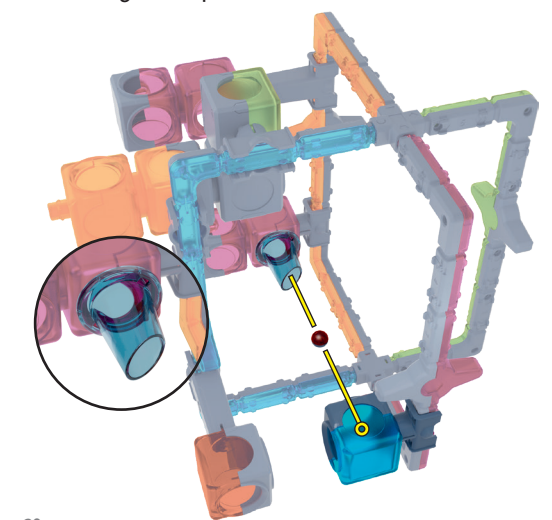


14.

Getting the Ball to move from the Start Cup through the other Cups and finally land in the Target Cup will require some long free falls.

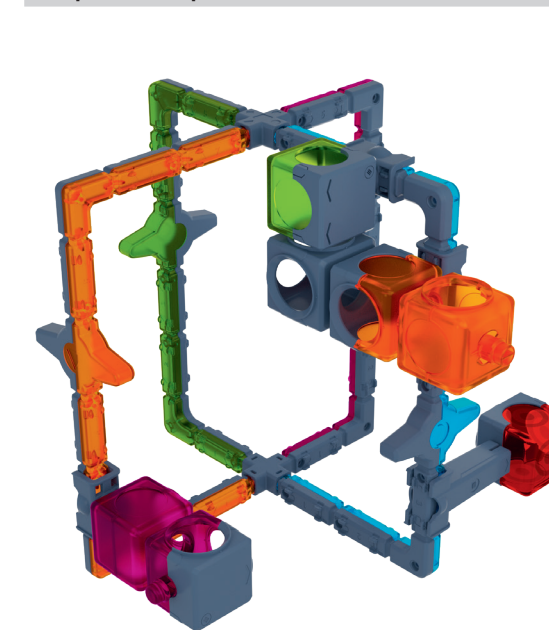
To improve aim, we recommend using the Funnels. See the "Funnels" section on page 7.

We recommend using at least one Funnel at the start of the longest drop as shown.



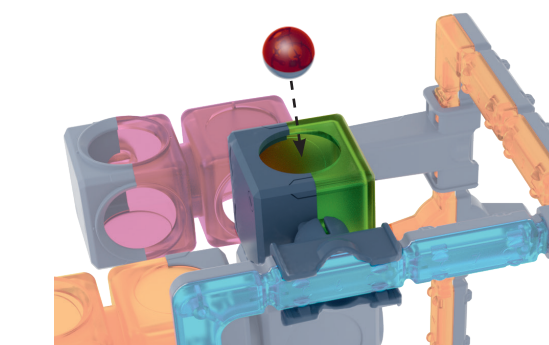
20.

Completed Set-Up



15.

To solve the Challenge, rotate the Frame so you can drop the Ball straight through the Start Cup.



Then, rotate the Frame so the Cup passes through the Cups in this order: Start, Triple, Double, Double, Single, Target Cup. Freefall is part skill game, so if you don't land the Cup in the Target Cup on your first try, try again!

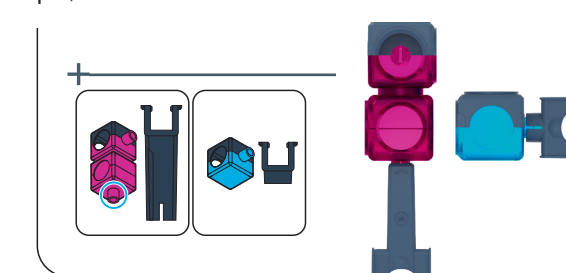
21.

Solving the Challenge

Now we're ready to solve the Challenge! Let's look at the Add to Grid section below the "+" on the Challenge

Add to Grid

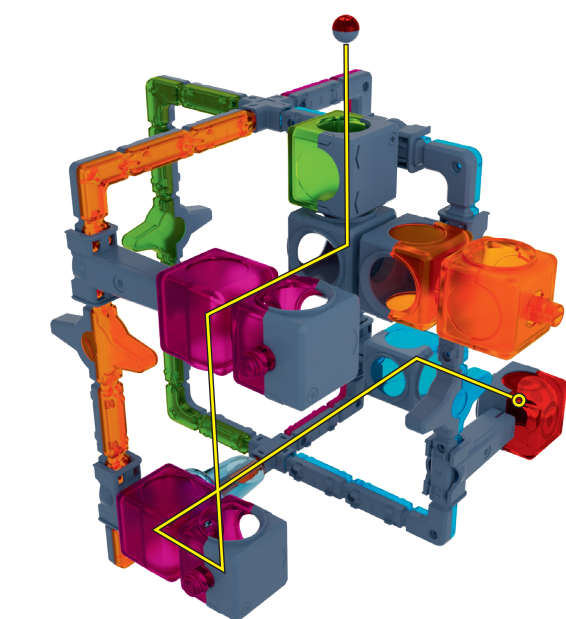
Notice the blue circle on the bottom of the Double Cup icon. This means the long Clip should be attached to the END pin. Single Cups only have one pin, so it is not marked in blue.



Cups needed to solve challenge

16.

You're now ready to start working through the 60 Beginner-Expert Challenges!



22.