



# WORLD RECORD

## International Camporee World Record Attempt

### What is GBC?

GBC stands for Great Ball Contraption. It is a Rube Goldberg style machine, made up of modules which move small LEGO™ type balls from one location to another.

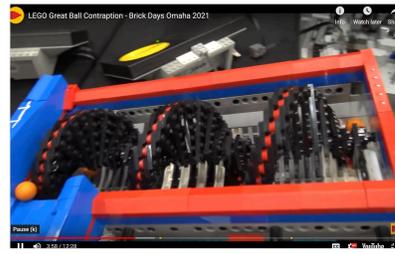
### Who can Participate?

Anyone attending the International Camporee in 2024 at Gillette can participate. It can be an individual, a group or a club.

### How can I find out more?

To get the latest information and updates, register for our newsletter.

<https://form.jotform.com/222904948016054>



## Calling all LEGO™ fans

We are going to try to break the Great Ball Contraption (GBC) World Record at Gillette!

What is GBC? It's a crazy fun machine. Each participant builds a contraption (module) which moves a ball from one side to the other, like a bucket brigade.

All of the modules are put together to form a continuous loop. There are lots of YouTube videos of different loops online.

Here is a link to the current record holder,

<https://www.youtube.com/watch?v=GYIO4Ry3Qak>





## Scholarships

There will be six \$500 scholarships awarded for the best modules based on the judging criteria. These scholarships are to any Seventh-Day Adventist school world wide.

## Judging Criteria for Scholarships

Reliability - Operates without interruption for 30 minutes

Durability - How sturdy

Path/Mechanism - Interest/originality of the ball path

Aesthetics - Overall look

Creativity - Creativity

## At Gillette

**Check in** for module will be Monday morning 9:00 to 12:00 am.

**Pick up** your module on Friday morning between 9:00 and 12:00 am.



## General Rules

1. Each module should have an "in-basket", and will move balls to the next module's in-basket, which must be directly in line.
2. The in-basket should be 10 studs by 10 studs (outside dimension) with an 8-stud by 8-stud opening, and should be 10 bricks tall.
3. The front of the basket should be no more than 32 studs from the back of the module. This will allow all modules to be lined up against a wall. The back of the module can be closer to the basket, but not farther.
4. The in-basket should be located on the left side of the module, and output should go to the right.
5. There are no size limits beyond those listed.
6. Each module should be able to accept balls at an average rate of 1 ball per second. Balls can be passed continuously, or in a batch. A batch should not exceed 30 balls.

## Important Information

Your Model needs to work with Brickloot GBC balls they are available from Brickloot or from Amazon. If you have official Lego™ soccer balls they will also work.

From Brickloot - <https://tinyurl.com/56azt7tx>

From Amazon - <https://tinyurl.com/5edmuxmk>

## Registration

You must register your module to be included. Here is the link for registration.

<https://form.jotform.com/222967453068162>

Each participant will be asked to help with the event for a 2 hour time period. You can sign up for your time slot when you check in your module.