



# INVENT THE SUMMER

## Week 5: Marble Run



### Your Objective:

Create a homemade marble run that causes the marble to switch directions at least 5 times. Change of direction can mean anything: forwards, backwards, up, down, left, right or anywhere in between.

#### You CAN:

- ☀ Make the track free standing or attach it to something.
- ☀ Use any raw materials you want. Examples include: toilet paper & paper towel tubes, cereal boxes, straws, paper plates, cups & popsicle sticks.
- ☀ Decide if you want your marble to travel as fast, slow or long as possible.

#### You CAN'T:

- ☀ Use a premade toy marble run or track. You must make this from items not originally intended for this purpose.
- ☀ Touch the marble once it starts.
- ☀ Get frustrated if your track doesn't work exactly right the first time.

Once your marble travels its course successfully, see if you can add more interesting twists, turns and drops. The more elaborate the better!

### How to avoid angry parents:

#### DO:

- ☀ As always, **CLEAN UP AFTER YOURSELF!**

#### DON'T:

- ☀ Harvest paper towel or toilet paper tubes from unused rolls.
- ☀ Leave marbles on the floor for parents to step on.
- ☀ Leave material scraps and other trash lying around.



## Take a video of your marble run.

Create a video of your solution. Try to keep your video under 1-minute long and include the following:

- The name of your solution.
- How does it work?
- What kind of materials did you use?
- Did you have any problems figuring out the solution?
- What was the biggest lesson you learned?

Remember, your video will be visible to anyone with an internet connection, so it's important to protect your privacy and stay safe. [Click here](#) to see our video submission and safety tips.



## Ask a parent to enter your video into our contest by 11:59pm EST on July 14, 2019.

To enter our contest, you must upload your video to [YouTube](#) or [Vimeo](#). Then use our [online entry form](#) to send us the link. All entries must be completed by a parent or legal guardian.

*\*All submitted videos will be reviewed prior to publishing online to ensure that the rules of the contest were followed and that the content is appropriate for all ages.*

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## Voting

Voting will open at 12:01am EST on July 15 and close at 11:59pm EST on July 16. See our [voting rules](#) for more information.

## 3 Winners to be announced July 17, 2019!

**1 Popular Choice Winner:** Receives an *Invent the Summer* t-shirt.

**1 Editor's Pick:** Selected by the *Invent the Summer* team. Challenge solutions will be judged on originality, execution and presentation. The winner will receive an *Invent the Summer* t-shirt.

**1 Random Choice Winner:** One person from our mailing list will be selected at random to receive an *Invent the Summer* drawstring bag.