



INVENT THE SUMMER

Week 6: Mystery Box

1 Complete the Challenge.

Create a fun amusement park ride using the items from our Mystery Box. The Mystery Box items are: a paper clip, pencil, and rubber band.

The Rules	
You CAN:	You CAN'T:
<ul style="list-style-type: none"> ✓ All 3 mystery box items must play an important & functional part in your design. ✓ You can use anything as your passenger (as long as it's not alive). ✓ Use your imagination! You can use any existing ride as a model, or create your own idea from scratch. Just make it safe! 	<ul style="list-style-type: none"> ✗ You can't use a pre-made amusement park set. ✗ You can't interfere with the ride during operation. ✗ You can't just attach the Mystery Box items to your ride, or call them your passengers. They must serve an actual purpose!
Once you've completed one ride using our Mystery Box items, see what else you can make. Can you make an entire park?	
Our tips to avoid angry parents	
DON'T	DO:
<ul style="list-style-type: none"> Don't make an actual roller coaster that fills up your entire backyard. Don't use breakable or valuable items to build your ride. Don't send your passenger flying so it could hit someone else. Don't trap your family on the ride. 	<ul style="list-style-type: none"> Clean up after yourself. Tell your parents what you're doing, so they don't accidentally destroy your ride. Keep your ride away from important things.



2 Create a video of your solution.

Try to keep your video under 90-seconds long and include the following:

- How does your solution work?
- What materials did you use?
- Did you have to overcome any problems?

Your video will be visible to anyone with an internet connection, so it's important to protect your privacy and stay safe. See our [website](#) for more information.

3 Enter the contest by 9:00pm ET on July 30, 2023.

Ask a parent to upload your video to our website using our [online entry form](#).

*****Do not upload your video to YouTube or Vimeo. Submit the original file.*****

All contest entries will receive 1 point for our big end-of-the-summer prize drawing! You can earn bonus points for:

- Getting a friend to participate in their first ever Invent the Summer challenge (make sure they give you credit) - 5 points
- Completing 3 challenges in a row - 3 points
- Completing 5 challenges - 5 points
- Completing ALL 8 challenges - 5 points

4 View other solutions and VOTE!

You can see all the solutions and vote for your favorites from 8:00am ET on Monday, July 31 until 5:00pm, Tuesday, August 1. See our [voting rules](#) for more information.

5 Winners announced by 8:00pm on August 1!

Audience Choice Award: Goes to the solution with the most online votes.

Board Choice Awards: Selected by the Junior Board of Engineers. Solutions will be judged on originality, execution, and presentation.

Epic Fail Award: Show us your failed attempts! This award goes to the most impressive failure of the week.

Winners receive their choice of an *Invent the Summer* t-shirt, bag, or notebook.