










INVENT THE SUMMER

Week 6: Mystery Box

1 Complete the Challenge.

Craft an arcade game using the items from our Mystery Box. The Mystery Box items are: a paper clip, pencil, and string.

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 create a replica of an existing game or create your own. ✓ You can make your arcade game as simple or as complicated as you want it to be. 	<ul style="list-style-type: none"> ✗ You can't use a pre-made or store-bought arcade game or toy. ✗ You can't just sketch your idea for a game - you have to build something! ✗ Don't give up when your arcade game doesn't work the first time. Most arcades aren't built in a day!
<p>When you're done, try adding something new, like an additional level or feature, or enhancing it to add a bit of excitement!</p>	
 Our tips to avoid angry parents 	
DON'T	DO:
<ul style="list-style-type: none">  Don't make your game involve breaking anything fragile.  Don't make a dangerous arcade game.  Don't trap anyone inside your arcade game 	<ul style="list-style-type: none">  Clean up after yourself.  Get permission to use your materials.  Let your family try out your awesome new game!

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?

You can see tips to creating great entry videos [here](#).

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 28, 2024.

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

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

- Completing our weekly online STEM course - 1 point
- Entering an Epic Fail - 1 point
- 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 12:00pm ET on Monday, July 29 until 3:00pm on Tuesday, July 30. See our [voting rules](#) for more information.

5 Winners announced by 8:00pm on July 30!

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.