



INVENT THE SUMMER

Week 2: Solve the Mystery

1 Complete the Challenge.

Your challenge this week is to solve the mystery and stop your candy from disappearing. There are LOTS of different ways to solve this challenge.

The Rules	
You CAN:	You CAN'T:
<ul style="list-style-type: none">✓ Your device can be used to: protect your candy, alert you that your candy is in danger, or trap whoever is taking it.✓ You can use any materials you want.✓ You can use any kind of bait.✓ Your device (and mystery snatcher) can be any size and shape.	<ul style="list-style-type: none">✗ You can't use a pre-made capturing device.✗ Don't spend the whole day in your room waiting for an attack on your candy. Your device should work even if you're not there.✗ Don't hurt anyone or anything with your device.
When you're done, set the bait and see what happens!	
🤔 Our tips to avoid angry parents 😊	
DON'T	DO:
<ul style="list-style-type: none">🤔 Don't sneak attack innocent people.🤔 Don't leave chocolate out if you have pets. It's really bad for them.🤔 Don't eat all of the candy yourself and spoil your dinner!	<ul style="list-style-type: none">😊 Clean up after yourself.😊 Get permission to use you materials and bait.😊 Share your candy so no one is tempted to take it from you!

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 June 30, 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 1 until 3:00pm on Tuesday, July 2. See our [voting rules](#) for more information.

5 Winners announced by 8:00pm on July 2!

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.