












INVENT THE SUMMER

Week 3: Snack Machine

1 Complete the Challenge.

Build a snack machine that gives the user the snack they want. Get creative! This can be simple, complex, or ridiculous!

The Rules	
You CAN:	You CAN'T:
<ul style="list-style-type: none"> ✓ You can make your machine any size. No need to make it full-size! ✓ You can dispense any type of food: real or fake. ✓ Think outside the box - dispense the snacks any way you want - even if it's not realistic to use in the real world. 	<ul style="list-style-type: none"> ✗ You can't touch the snack with your hands until the machine dispenses it to you. ✗ You can't use a pre-made snack machine. ✗ You can't just use a snack box, your device actually has to dispense the snack.
<p>Test the boundaries of your machine! Does the size, shape, or weight of a snack make a difference in how well the machine works?</p>	
 Our tips to avoid angry parents 	
DON'T	DO:
<ul style="list-style-type: none">  Don't have a contest to see who can eat the most junk food from your machine.  Don't leave the snacks lying around for pets to pick up.  Don't have your machine throw snacks all over the place.  Don't steal snacks from your siblings or friends! 	<ul style="list-style-type: none">  Build your machine in a place out of the way of other things.  Ask which foods you can use BEFORE you load them into the machine.  Let your parents use your snack machine for free.

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 7, 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 8 until 3:00pm on Tuesday, July 9. See our [voting rules](#) for more information.

5 Winners announced by 8:00pm on July 9!

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.