



# INVENT THE SUMMER

## Week 3: Homemade Instrument

### 1 Complete the Challenge.

Create an instrument that makes at least 2 different notes or sounds, using only materials that you can find at home

For kids 12 and under!

| The Rules   |   |
|---|---|
| You CAN:  | You CAN'T:  |
| <ul style="list-style-type: none"> <li>✓ Make at least 2 different notes or sounds with your instrument. The more the better!</li> <li>✓ Use any materials you want as long as they don't come from a real instrument.</li> <li>✓ Create a totally unique instrument or recreate something that already exists.</li> </ul>  | <ul style="list-style-type: none"> <li>✗ Use a human as any part of your instrument.</li> <li>✗ Use any part of a real or toy instrument.</li> <li>✗ Make a random sound and call it music.</li> </ul>  |
| When you're finished, play us a tune! We'd love to hear your creativity.  |   |
|  <b>Our tips to avoid angry parents</b>   |   |
| DON'T   | DO:   |
| <ul style="list-style-type: none"> <li> Have a loud concert when someone is trying to take a nap.</li> <li> Destroy anything to harvest materials for your instrument.</li> <li> Borrow parts from a real instrument.</li> </ul> | <ul style="list-style-type: none"> <li> Get permission to use your materials.</li> <li> Clean up after yourself.</li> <li> Let your friends and family try your instrument.</li> </ul> |

## 2 Create a video of your Homemade Instrument.

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

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

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 EST on July 10, 2022.

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

**\*\*\*New this year: you do not need to upload your video to YouTube or Vimeo. We will upload it to our own YouTube channel for you!**

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 EST on Monday, July 11 until 5:00pm EST on Tuesday, July 12. See our [voting rules](#) for more information.

## 5 Winners announced by 8:00pm on July 12!

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

**Editor's Choice Award:** Selected by the Junior Board of Engineers. Solutions will be judged on originality, execution and presentation.

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