



INVENT THE SUMMER

Week 5: Harness the Wind

1 Complete the Challenge.

Harness the power of wind to complete a simple task. The task can be anything from propelling a vehicle, to starting a chain reaction, to moving an object. Get creative!

For kids 12 and under!

The Rules	
You CAN:	You CAN'T:
<ul style="list-style-type: none"> ✓ Use any materials you want. ✓ Use natural or human-made wind sources (like fans and hair dryers). ✓ Use your imagination! The way you want to harness the wind and the task you wish to complete are completely up to you. 	<ul style="list-style-type: none"> ✗ Use anything store bought that's already used for capturing wind - like a pinwheel. ✗ Just say that your device can harness the wind. You actually have to show it doing so and completing a task. ✗ Use any other source of energy as power. So no motors, batteries, or hand power.
<p>Once you've successfully harnessed the power of wind, experiment a little! Can you capture the wind more efficiently? Can you use less wind to accomplish the same task? Can you accomplish a different type of task?</p>	
 Our tips to avoid angry parents 	
DON'T	DO:
<ul style="list-style-type: none">  Put your fan on high power so everything goes flying.  Go out into a tornado to test your device.  Use dangerous sources of wind - like a leaf blower. 	<ul style="list-style-type: none">  Keep electric powered wind sources away from water.  Keep any manufactured wind away from other people.  Clean up after yourself.

2 Create a video of your Wind Harnesser in action.

Try to keep your video under 1-minute long and include the following:

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

Remember, your video will be visible to anyone with an internet connection, so it's important to protect your privacy and stay safe. [Click here](#) to see our video submission and safety tips.

3 Enter the contest by 9:00pm EST on July 25, 2021.

Ask a parent to upload your video to [YouTube](#) or [Vimeo](#). Then use our [online entry form](#) to send us the link. All entries must be completed by a parent or legal guardian.

All contest entries will receive **1** ticket for our big end-of-the-summer prize drawing! You can receive bonus tickets anytime someone enters their first *Invent the Summer* challenge and credits you for telling them about us!

**All videos will be reviewed prior to publishing online to ensure the content is appropriate for all ages.*

4 View other solutions and VOTE!

You can see all the solutions and vote for your favorites from 8:00am EST on Monday, July 26 until 5:00pm EST on Tuesday, July 27. See our [voting rules](#) for more information.

5 Winners announced by 8:00pm on July 27!

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.