



INVENT THE SUMMER

Week 4: Launch a Rocket

1 Complete the Challenge.

Build a rocket and see how high you can launch it.

For kids 12 and under!

The Rules

You CAN:	You CAN'T:
<ul style="list-style-type: none"> ✓ Use any materials you want. ✓ Make your rocket any size, shape, or form. ✓ Use any safe method to propel your rocket. 	<ul style="list-style-type: none"> ✗ Use dangerous chemicals. ✗ Launch your rocket without adult supervision. ✗ Use a store bought rocket. ✗ Interfere with the rocket in the middle of the launch.

Once you've successfully launched your rocket, see what you can do to make it go higher or faster. What will make it go straighter? Can it carry cargo?

Our tips to avoid angry parents 😡 😊

DON'T	DO:
<ul style="list-style-type: none"> 😡 Use important or fragile objects to build your rocket. 😡 Hit anyone with the rocket. 😡 Leave your rocket or launching materials in a place where someone could get hurt. 	<ul style="list-style-type: none"> 😊 Clean up after yourself. 😊 Launch your rocket outside and away from breakable objects. 😊 Keep yourself and others safe during your launch.

2 Create a video of your Rocket Launch.

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 17, 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 18 until 5:00pm EST on Tuesday, July 19. See our [voting rules](#) for more information.

5 Winners announced by 8:00pm on July 19!

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.