INVENT THE SUMMER

Week 7: Build a Car

1 **Complete the Challenge.**

Your objective this week is to build a self-propelled car. Basically, a car with no motor or electricity that can move without you touching it.

FOR KIDS 12 AND UNDER

The Rules	
You CAN:	**You CAN'T:**
✓ You can make any type of car using any materials you want. ✓ You can propel the car any way you want without touching it. ✓ You can drive the car on any surface as long as it's safe.	✗ You can't use anything pre-made or an electrical motor. ✗ You can't just roll the car down a hill or slope to make it go. ✗ You can't touch the car after it's started moving.
Once you're done, see how fast you can make your car go. Can you think of any other ways to propel it to make it go even faster?	
😠 **Our tips to avoid angry parents** 😀	
DON'T	**DO:**
😠 Don't use your parents' car. 😠 Don't make your car run into things or people. 😠 Don't use a rocket engine or explosion to power your car.	😀 Clean up after yourself. 😀 Ask permission before harvesting scrap parts around your house. 😀 Drive your car in a safe place (not on the actual road)!

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?

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 August 6, 2023.

Ask a parent to upload your video to our website using our **online entry form**.
  <u>Do not upload your video to YouTube or Vimeo. Submit the original file.</u>

All contest entries will receive <u>1</u> 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 ET on Monday, August 7 until 5:00pm, Tuesday, August 8. See our **voting rules** for more information.

⑤ Winners announced by 8:00pm on August 8!

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.