



INVENT THE SUMMER

Week 6: Bionic Arm



Your Objective:

Make something that allows you to pick up an object using something other than your hand without breaking or crushing it.

You CAN:

- ☀ Pick up any object you want: large or small, heavy or light, hard or soft.
- ☀ Pick the objects up by grabbing, scooping or poking.
- ☀ Use any materials you want. Examples include: cups, popsicle sticks, paint sticks, dowels, cardboard, rubber bands and brass fasteners.

You CAN'T:

- ☀ Use a premade grabber.
- ☀ Use a net, bowl, chopsticks, tongs or anything like that to pick the object up - unless you modify it in some way first.
- ☀ Use your hands to catch the object.
- ☀ Break or damage the object.

Once you are successful, see what else you can pick up with your bionic arm. Take note of how different sizes and weights affect the arm's ability.

How to avoid angry parents:

DON'T:

- ☀ Pick up anything valuable or breakable.
- ☀ Pick up or move someone else's belongings without asking.
- ☀ Throw things around the house with your new arm.
- ☀ Make a gigantic mess.



Take a video of your bionic arm.

Create a video of your solution. 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.



Ask a parent to enter your video into our contest by 11:59pm EST on July 21, 2019.

To enter our contest, you must 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 submitted videos will be reviewed prior to publishing online to ensure that the rules of the contest were followed and that the content is appropriate for all ages.*

Voting

Voting will open at 12:01am EST on July 22 and close at 11:59pm EST on July 23. See our [voting rules](#) for more information.

3 Winners to be announced July 24, 2019!

1 Popular Choice Winner: Receives an *Invent the Summer* t-shirt.

1 Editor's Pick: Selected by the *Invent the Summer* team. Challenge solutions will be judged on originality, execution and presentation. The winner will receive an *Invent the Summer* t-shirt.

1 Random Choice Winner: One person from our mailing list will be selected at random to receive an *Invent the Summer* drawstring bag.