

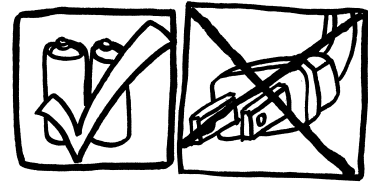
WELCOME TO TOY HACKING!

TIPS ON HOW TO FIND AN OLD TOY TO HACK

Hi! You'll soon learn how to take apart an old toy and learn the technique of circuit bending to hack it into a customized musical instrument – it should be a ton of fun.

In order to do this workshop, you need to bring your own toy – **if you don't bring your own toy, you won't be able to do the workshop.** To help you, here are tips to help you get toy that you'll be able to hack and have a lot of fun with.

1. First: Your toy needs to be battery powered and needs to be a toy that makes some kind of electronic sound. It cannot plug into a wall because taking apart things can plug into a wall can be very dangerous.



2. Second: Try to find an old toy that isn't used any more. Old toys are the best because they are usually easier to take apart and hack. If you can't find any toys at home, look at second hand stores, garage sales, or ask friends if they have old toys. Big and old toys are usually the best: try to find a **Furby**, **Speak and Spell**, something from **V-Tech** or **Little Tikes**, a cheap **Casio keyboard** or any electronic **kid's speaking toys**. Look for battery powered toys for kids 2 to 8 years old.

How to select a good toy :

① Try to find a toy at home.
(one not used any more)



② Go to a second hand or dollar store to find a toy.

3. Third: Test the toy and make sure it has batteries and makes an electronic sound. Even though it might be old, the toy still needs to work. You might need to buy new batteries for it and put them in. Make sure it works.

4. Fourth: Complete the release on the next page. Bring it in!

That's it! You're now ready to learn how to hack toys - see you soon!



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TOY HACKING RELEASE FORM

Please complete and return this permission slip as soon as possible. Keep this part.

Permission is granted for _____
(Print Participant's Name)

to participate in the "Toy Hacking" Electronics Workshop. Participants must bring at least one battery powered toy to participate.

IMPORTANT: Participants need to bring at one or more battery powered toys that make electronic sound.



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"Toy Hacking" Electronics Workshop Permission Slip - Return this Portion



Participant Name _____ (Print Name)

Participant Signature _____ Date: _____

Parent/Guardian Signature _____ Date: _____

I understand that there are risks involved in workshop, including but not limited to high temperature instruments, tools, batteries, and other electronic equipment. I hereby waive and release the students and faculty from UC Irvine as well as the University of California, Irvine and the hosting venue from any and all liability resulting from or arising out of my participation in the workshop, including from any and all liability, including but not limited to, personal injury, property damage, disability or death. I also grant permission to the workshop team to photograph and/or video record me during this workshop and that video footage and photographs may be used by the workshop team for printed marketing materials, websites, future tutorials and workshops, archival purposes. I hereby agree to hold harmless the workshop team, its members, agents and employees, from any liability resulting from or arising in connection with the taking, publication and release of photographs or liability in participating in this workshop pursuant to this agreement.

Emergency Information for the day(s) of the activity:

Home Phone: _____ Work Phone(s): _____

Cell Phone(s) _____

If I am unreachable, please contact the following person(s):

Name(s): _____

Relationship(s): _____

Phone Number(s): _____ or _____

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