



FREE EBOOK

250+ Makerspace Resources

- Maker Education
- Makerspace Materials
- 3D Printing
- STEM / STEAM Education
- Maker Educators
- Makerspace Projects
- Maker Suppliers
- 3D Printing News Sites
- Arduino For Beginners
- **BONUS** – 3 Project Tutorials Included
- **BONUS** – Soldering Guide Included

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Popular Posts

What is a Makerspace?

Learn about makerspaces and maker education in this post for the absolute beginner. We explain what a makerspace is and how they are helping to transform schools and libraries into hubs of 21st century hands-on STEM/STEAM learning. Included is a free PDF checklist for starting and



stocking your
makerspace.



25 Makerspace Projects For Kids



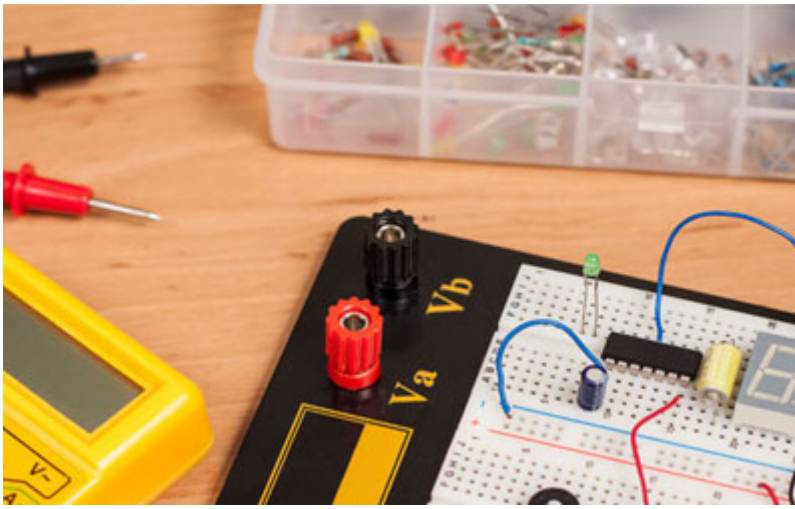
25 Makerspace Projects For Kids

Here are 25 simple and easy makerspace projects that are great

for kids. Learn how to make a boat out of a soda bottle, create a car from cardboard and many more. Makerspace or STEM projects don't have to be complicated or expensive. In fact, some of the best projects use recycled or repurposed items like cardboard or soda bottles which means nothing to buy.

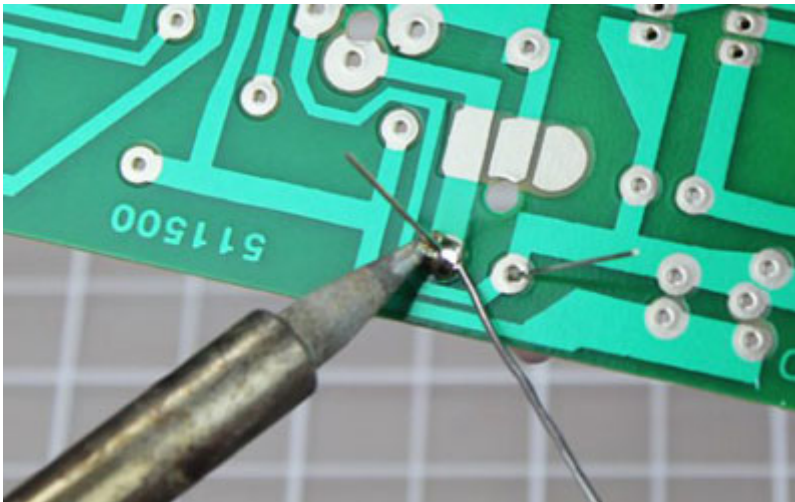
Introduction To Basic Electronics

Learning about basic electronics and creating your own projects is a lot easier than you may think. In this tutorial, we're going to give you a brief



overview of common electronic components and explain what their functions are. You will then learn about schematic diagrams and how they are used to design and build

circuits. And finally, you will put this information to use by creating your first basic circuit.

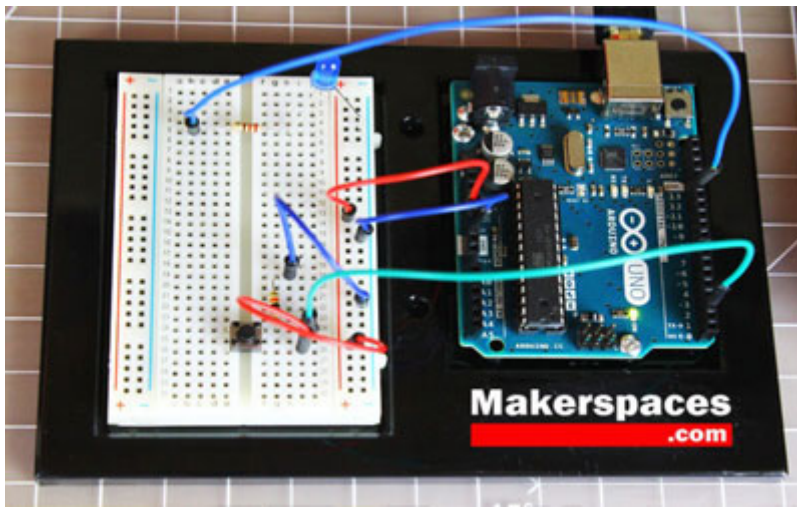


How To Solder

Learning how to solder w/ proper soldering techniques is a fundamental skill every maker should master.

In this tutorial, we outline the basics of soldering irons, soldering stations, types of solder, desoldering and safety tips. Whether you're building a robot or working with Arduino, knowing how to solder will come in handy.

Simple Arduino Projects



Coding and computer science is a true 21st century skill and Arduino is a great way to get started. In this tutorial you will learn the basics of Arduino by creating these simple

projects that are perfect for beginners. Discover how to set up the Arduino software and then connect the components to perform a specific action.

Free ebook included.



100+
Makerspace
Materials
[Checklist]

Here is a great collection of items you can use when starting and stocking your school or library makerspace. Included is a PDF checklist to help you get started. Makerspaces use high tech, low tech or no tech materials. Some of the best materials out there are as simple as recycled cardboard. You dont have to spend a lot to get started.