

Junior Genius

KITS

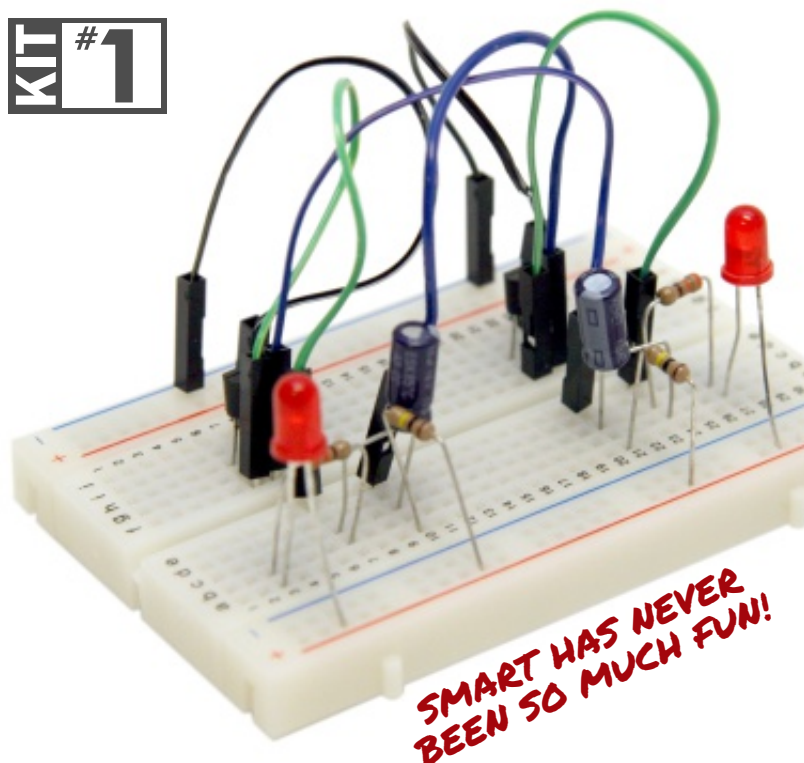
KIT #1

Blinky Lights

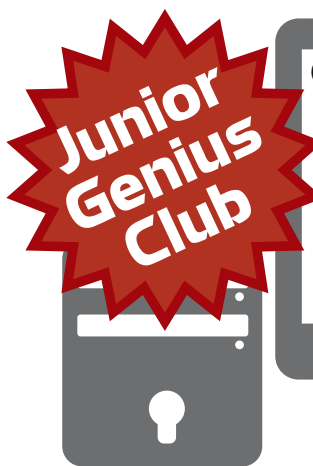
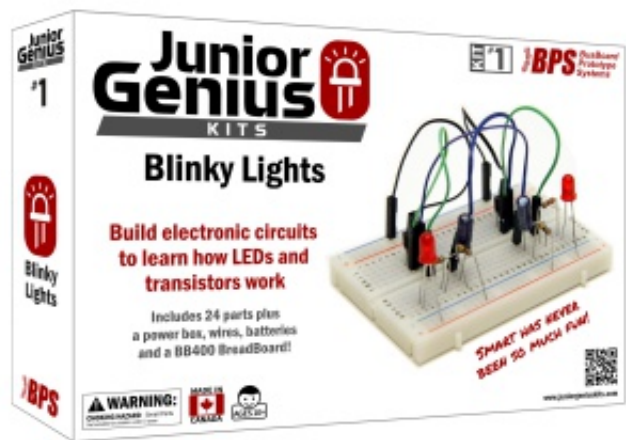
Build electronic circuits to learn how LEDs and transistors work

Includes 24 parts plus a power box, wires, batteries and a BB400 BreadBoard!

Junior Genius Kits are built for experimentation, learning and fun! Experience the joy of seeing your first LED light up! The Blinky Lights kit leads you through 10 main activities from a simple LED circuit up to more advanced transistor LED blinky light circuits using standard parts on a real-world breadboard.



Learn about voltage and current by using LEDs, resistors, capacitors, and transistors. You'll be able to build circuits using a schematic diagram - and there's plenty of help to get you there. Simple examples make it easy to grasp the basics, and 'What's Happening?' and 'Things To Try' sections encourage you to dig deeper.



Online Access Included

- Get additional explanations and detailed answers
- More content for your kit including animations and activities
- Monthly club emails
- Be the first to hear about new kits and expansion packs

"It's a great introduction to the world of electronics for both students and adults!"

For more details and to find out where to purchase, please visit www.JuniorGeniusKits.com



An Inside Look...



- 10 main activities plus many additional 'Things To Try' experiments.
- Full-color illustrated 52-page manual that includes both instructions for assembly and explanations of how the circuits work.
- Real-world, industry standard, reusable parts.
- Junior Genius Club gives access to additional activities, illustrations, knowledge and lets you submit your own ideas and creations.



ACTUAL USER GUIDE PAGES



Helpful Instruction

Each activity has clear and detailed steps with colorful diagrams to help.



What's Happening?

A behind-the-scenes look into each activity explains what is happening, complete with electronic schematics.



Things To Try

Take the activity further with extra experimentation ideas and questions to solidify what you have learned.



Did You Know?

Additional interesting and little-known information related to electronics and electricity.



Troubleshooting Tips

Helpful suggestions to get your circuits working if you run into a problem.



Online Resources

More explanations, diagrams and experiments to further your knowledge and electronic discoveries.

The True Genius...

You will get valuable assembly and troubleshooting experience as you learn to use a great experimentation tool, the solderless breadboard! Real hands-on troubleshooting experience means greater educational value.

These next-generation science kits don't seal the parts into simplified plastic blocks. You get to experience what real parts work like and learn to build a real circuit (*not just assemble puzzle pieces*). Working with real electronic parts helps you to gain the confidence to graduate to other projects. The parts and breadboard can be disassembled and reused for new creations.

**EVERYTHING
IS INCLUDED...
EVEN THE BATTERIES!**

