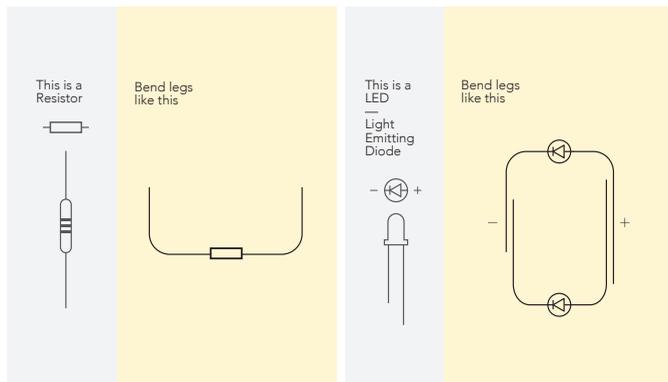


5

FUN FACTS ABOUT YOUR GLOWING HOUSE SET

Bare Conductive's **Electric Paint** is just like any other water-based paint, except that it conducts electricity! This means that you can paint wires directly onto paper. Combine electronics, paper craft and miniature architecture to create two tiny villas that will light up in the dark using **Electric Paint** and a light sensor.

Don't know where to begin? Here are some quick ideas on what you can do with this kit.



1 LEARN CIRCUIT SYMBOLS

The **Glowing House Set** uses the same symbols that are used by professional engineers to design circuit diagrams. So while you creatively build your houses, you can learn a little about electronics at the same time. Next time you see a circuit diagram it will be that bit more familiar!



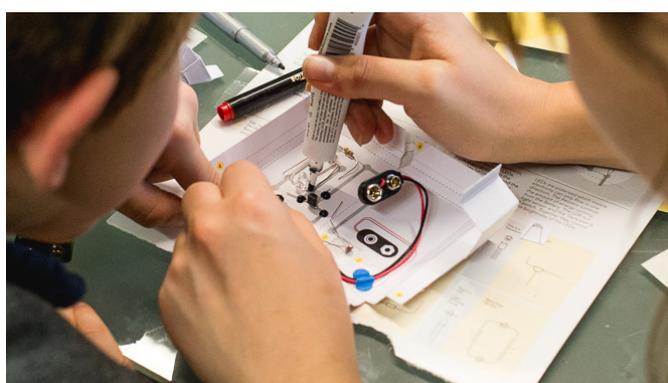
2 DISCOVER COMPONENTS

If you've already got to grips with how LEDs and batteries work, this kit packs in more components for a bit more complexity and learning. It will introduce you to transistors, Light Dependent Resistors (LDR) and resistors, which means you get a more interesting circuit and output. If you're new to electronics, no worries. You will be guided through the process with the simple instructions.



3 COLD SOLDER

Forget about using a soldering iron. **Electric Paint** allows you to solder components with no heat at all! No more worrying about burning the tabletop or dealing with a bad solder joint, plus it's safe for small and unsteady hands. Just squeeze a droplet of paint to the leg of your component and voilà! Wait 5 -15 minutes until the paint is dry and the connection is made.



4 DRAW A CIRCUIT

Say goodbye to circuit boards and breadboards. With **Electric Paint** you can get creative with your circuitry. Use your **Electric Paint 10ml Tube** to draw graphics and design circuits on different materials. **Electric Paint** can be applied to fabric, wood, paper and many other surfaces, so take your prototyping to new levels.



5 DECORATE

Bare Conductive kits don't stop at circuit design. You can decorate your house however you like. Add snow if it's Christmas, or ghosts if it's Halloween! Make it look just like your real house or ideal house, it's up to you.

SHARE YOUR WORK

Share your project by sending an email to info@bareconductive.com or [@bareconductive](https://twitter.com/bareconductive)

bareconductive.com

FIND MORE TUTORIALS ONLINE

Our **MAKE** page is full of project examples to get you started with **Electric Paint**. Whether you're looking for technical tutorials, step-by-step instructions, or community projects, this is the place to go for ideas and inspiration.