SparkFun Paper Circuits Classroom Pack

KIT-15818

Welcome to the world of paper circuits - creating electronic projects directly on paper using simple components! The SparkFun Paper Circuits Classroom Pack teaches the basics and fundamentals of creating an electric circuit for the whole class without the need to solder or code a single thing! Using the provided templates, strips of copper tape, coin cell batteries, and multiple colors of LEDs to choose from, **the SparkFun Paper Circuits Classroom Pack provides you with 30 fun and informative light up robot cards** that should only take between five to 10min to assemble! No previous electronics experience is required.

If you are unfamiliar, a paper circuit is a functioning electronic circuit built on a paper surface instead of a PCB. Projects can range from greeting cards, to origami, to traditional art such as paintings or drawings. What makes them unique is the use of traditional fine art techniques to create a circuit that is combines aesthetics and functionality. Paper circuits are becoming more and more popular in the hobby electronics world. The easy availability of craft-like materials and increasing abundance of new products has created a really unique ecosystem for crafters looking to make the leap to electronics projects.

The only things you will need to get each simple circuit card built, that aren't included in SparkFun Paper Circuits Classroom Pack, are scissors, a hole punch, tape, and any coloring supplies to make your little robot pop. Although, if you need more individual card kits you do have the option to download the card in the *Documents tab* above (and order the additional components separately)!

Note: Due to the requirements of shipping the batteries in this kit, orders may take longer to process and therefore do not qualify for same-day shipping. Additionally, these batteries can not be shipped via Ground or Economy methods to Alaska or Hawaii. Sorry for any inconvenience this may cause.

- 30x Printed Robot Template Card
- 30x Red LED - 5mm
- 30x Blue LED - 5mm
- 30x Yellow LED - 5mm
- 30x Green LED - 5mm
- 30x Coin Cell Battery - CR2032
- 30x Copper Tape - 1ft
- 1x Copper Tape - 50ft
- 30x Binder Clip