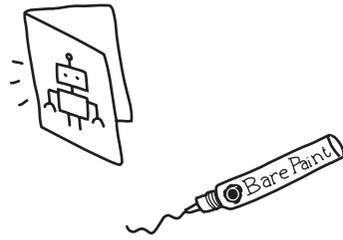




## classroom card kit



### About the Kit

Bare Conductive's brand new Classroom Card Kit provides a fun and engaging classroom activity for teaching makers of all ages how electricity flows around circuits, and introducing them to circuit symbols and polarity using Bare Paint Pens - a unique electrically conductive paint from Bare Conductive.

This kit will enable a group of 30 makers to individually customise a robot greeting card and create a 'graphical circuit' - when a flashing LED and battery are added the card comes to life and twinkles!

#### Contents:

- |                            |                           |
|----------------------------|---------------------------|
| 10 Bare Paint Pens         | 10 Flashing blue LEDs     |
| 30 Coloured card templates | 30 3V coin cell batteries |
| 10 Flashing red LEDs       | 1 Instruction worksheet   |
| 10 Flashing green LEDs     | 1 Template CD             |

#### How the Paint works:

Bare Paint is conductive which means that electricity can pass through it just like a wire. When you draw a circuit with a Bare Pen, the LED and battery are joined by the paint into a complete loop. A paper switch with a conductive patch then completes the circuit when you close it - creating a flashing LED card!

#### About the Pens:

Bare Paint Pens contain enough paint for multiple makes. You can use the template CD included in this Kit to print more robot cards or download templates from [www.bareconductive.com](http://www.bareconductive.com) where we will continue to add more artwork! Spare components may be purchased at [www.kitronik.co.uk/products/bare-conductive](http://www.kitronik.co.uk/products/bare-conductive)

Bare Paint Pens are great for all kinds of hands-on projects for your class - for more project ideas go to [www.bareconductive.com/tutorials](http://www.bareconductive.com/tutorials) or get in touch with us at [info@bareconductive.com](mailto:info@bareconductive.com)

#### Contact us:

The Classroom Card Kit is a brand new product - we would love to hear your feedback and ideas. Feel free to contact us with any questions or comments and do send us your photos to feature on our community page!

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