BrightSparks Kits

Each colourful module is safe, robust and clearly shows its component name and electrical symbol. Connections are made quick and securely enabling all students to easily create series or parallel circuits with the supplied stackable leads. All components are strong and securely fixed and have been specifically designed with safety in mind, with each sealed module complete with non-slip rubber feet.

These kits and all modules in this range are solely intended for low voltage battery use only, and should not be connected to any mains electricity supply.

1. Electricity Kit, Beginners

Ideal for Key Stages 1 and 2 – understand and build your own simple circuits using this large quantity kit which contains 18 popular component modules. Also available magnetic backed for demonstration.

Contents:

- 5 x battery cell modules (short circuit protected)
- 5 x bulb modules (series & parallel investigations)
- 2 x toggle switch module
- 2 x push switch module
- 2 x buzzer module
- 2 x motor module (solar type, low inertia type)
- 10 x stackable test leads
- 2 x crocodile adaptor clips
- Resources CD-ROM with in-depth user manual, printable example circuits, circuit symbols & fault-finding worksheets
- Gratnells storage tray & lid for easy classroom management

Code	Description	Pack	Price
EDU1012	Beginners electricity kit	Each	**£144.03**
EDU1012M	Beginners electricity kit with magnetic back	Each	**£157.73**

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2. Electricity Kit, Secondary

Ideal for Key Stage 3 – contains all the components you need to effectively design and create more complex electrical circuits. Use the supplied digital multimeter to observe and measure your circuits. Also available magnetic backed for demonstration.

Contents:

- 4 x battery cell modules (short circuit protected)
- Blocking diode
- Digital multimeter
- Toggle switch module, push switch module, two way switch module
- 2 x bulb modules (series & parallel investigations)
- White LED module
- Motor module (solar type, low inertia)
- Buzzer module
- Variable resistor module (100R 5W)
- 2 x 100R 3W fixed resistor modules
- 10 x stackable plug in connecting leads
- 2 x crocodile adaptor clips for conductor & insulator experiments
- Resources CD-ROM with teaching guide & printable resources
- Gratnells storage tray & lid for easy classroom management

Code	Description	Pack	Price
EDU1030	Secondary electricity kit	Each	**£140.35**
EDU1030M	Secondary electricity kit with magnetic back	Each	**£167.60**

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