

# Don't buy it, make it!

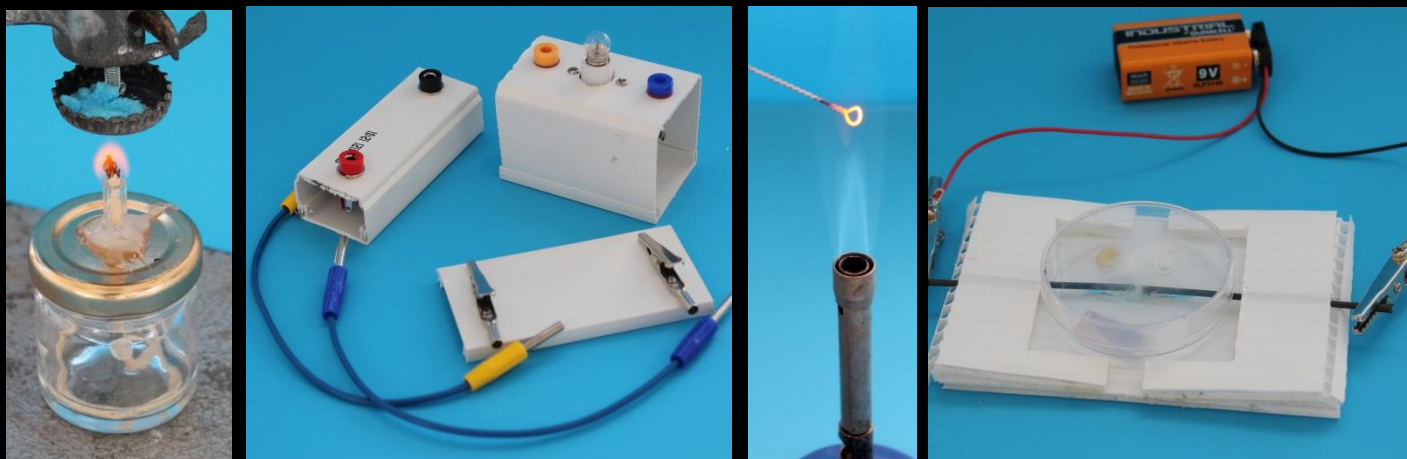
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CLEAPSS Make-it guides give details and straightforward instructions for technicians to produce a variety of science equipment at less cost than buying "off the shelf". The equipment ranges from items which can be made from materials found in the prep room and/or purchased from DIY outlets to those which can be made from more sophisticated components.

This course gives participants the opportunity to make a selection of items featured in our Make-it guides. They will gain experience in soldering, using hand tools and working with different materials such as wood, plastic and aluminium sheet.

Ideas for future DIY projects will be available to view on the day.



**Participants will make around 10 items usually drawn from this list:**

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| Spirit burner                       | Soldered and other connecting leads |
| Bottle top crucible                 | 1.5V battery holder                 |
| Inoculation loop                    | Electrical component holder         |
| Stand for gas preparation apparatus | Bulb holder                         |
| Microscale electrolysis apparatus   | Arduino voltage data logger         |
| Soldering aid                       | Arduino temperature data logger     |

**Title: Don't buy it, make it!**

**For: Technicians**

For details of the next scheduled course please see our website <http://courses.cleapss.org.uk/>

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