

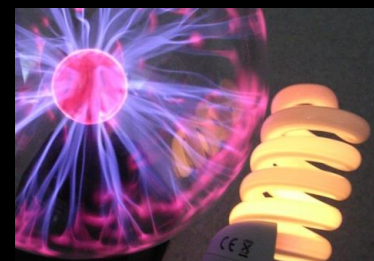
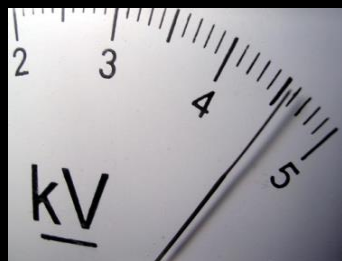
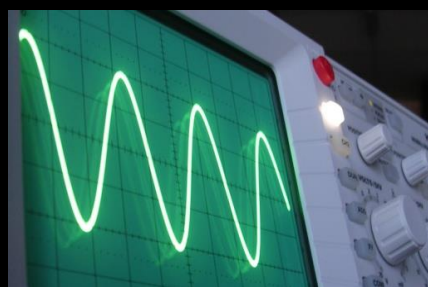
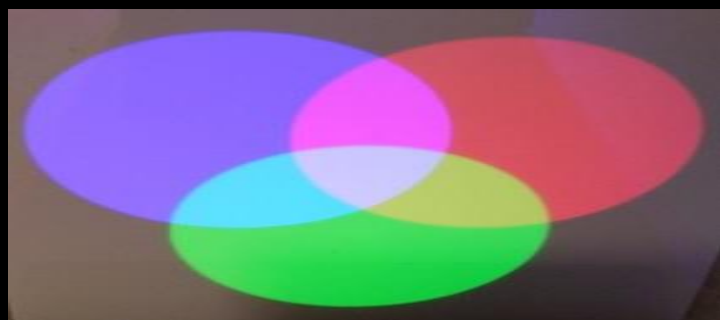
# Supporting safe & successful classroom Physics

Email: [courses@cleapss.org.uk](mailto:courses@cleapss.org.uk)

Tel: 01895 251496

This one day course is designed to enable secondary school science teachers & laboratory technicians to become more confident in supporting the teaching of practical physics.

This course assumes a basic level of experience in physics. Technicians who are completely new to supporting physics are recommended to attend the introductory physics course, *Introduction to Supporting Physics teaching* before attending this course.



## Topics covered include:

### Physics Safety - overview

Hazard identification and risk assessment with demonstrations, including: *lasers, microwaves, ionising radiations, heat, flammable liquids, electrical and mechanical hazards.*

### Practical Workshop

Hands-on activities, with an emphasis on the work often carried out by technicians to support physics teaching.

### The list below is subject to change, depending on availability of equipment:

- Electricity; a circus of activities which includes work with Extra High Tension power supplies
- Transformers & power lines
- Electron beam tubes and the Van de Graaff generator
- Low voltage work including using ammeters, voltmeters & multimeters
- Thermistors
- Light dependent resistors and electric motors
- Ionising radiation
- Waves; Oscilloscopes & signal generators
- The Rubens tube
- Lasers & LED's.

Duration: 1 Day

Times: Start 9.00am: Finish 4.00pm (approx.)

For details of the next scheduled course please see our website.

