Reduced and microscale chemistry

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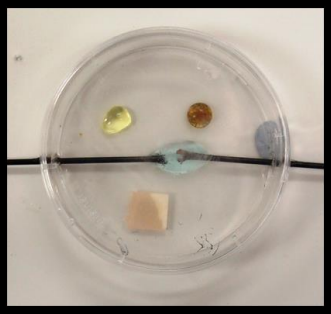
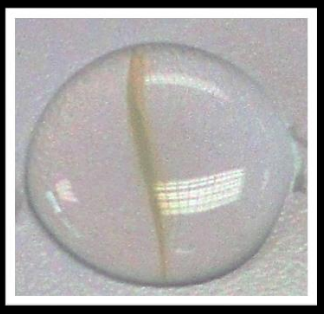
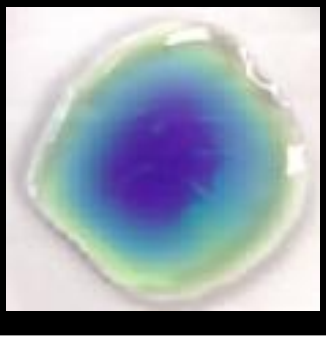
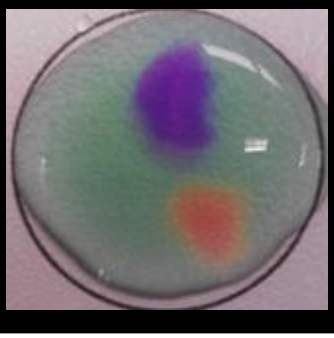





Why micro-scale Chemistry?

- Microscale, also known as small or reduced scale, chemistry is quick, saves on chemicals and disposal and offers variety in presentation.
- Observations by users of these techniques suggest that there is an improvement in classroom management in terms of organisation as well as a benefit to students' learning through a reduction in the cognitive load.
- Many of these approaches enabled schools to continue with practical work during the lockdown periods of the pandemic.
- There are also financial benefits to reduced and microscale chemistry as, after the initial outlay, there is a reduction in the ongoing cost in equipment. This course does not depend on the use of a commercial kit.

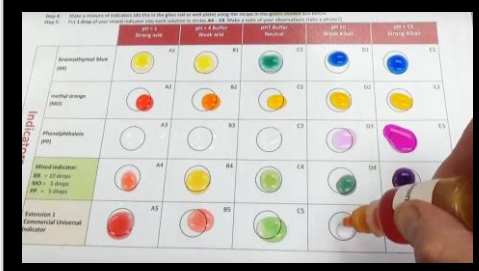
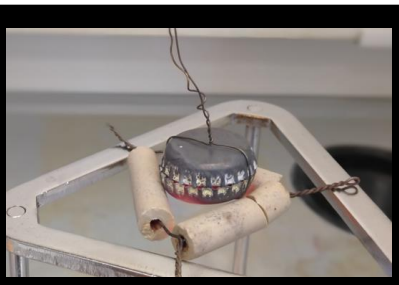
A half-day introduction course for teachers and technicians.

In this workshop participants will gain hands-on experience of carrying out practical procedures.

The course covers:

- indicators
- conductivity and electrolysis
- diffusion of toxic gases
- activity series of metals
- chemistry of positive and negative ions
- quantitative work in titrations
- the magnesium/oxygen reaction
- percentage of water in hydrated salts

If you or your colleagues are already familiar with the microscale techniques above and are looking for the next step contact CLEAPSS and ask to speak to one of the trainers.


Duration: ½ day Timing will vary depending on the venue

For details of the next scheduled course please see our website

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