

Microbiology – serial dilutions and fungi course

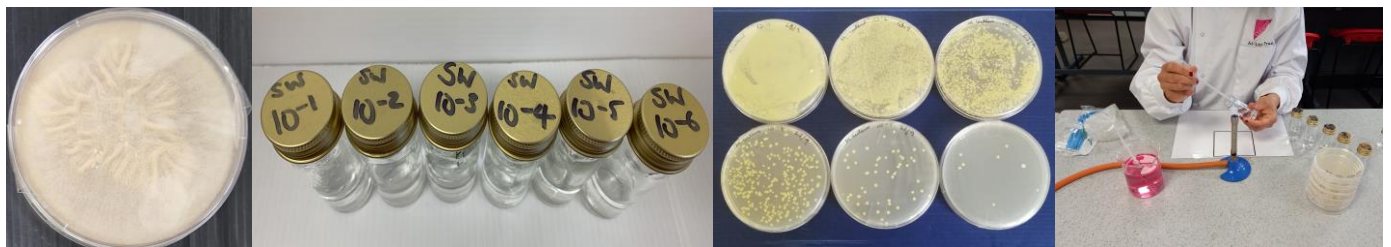
Email: courses@cleapss.org.uk

Tel: 01895 251496

This hands-on, face-to-face, course uses serial dilution and investigating fungi activities, as a context to learn the essential skills and techniques needed for school-based microbiology.

Participating in the day's activities will provide you with opportunities to familiarise yourself with a range of standard microbiological resources, techniques and equipment.

This course is intended for technicians and teachers new to microbiology, and those wishing to refresh their knowledge and skills.



The structure of the day is as follows:

1. Using CLEAPSS microbiology guidance to keep yourself, and others, safe
2. Understanding sterilisation, how to achieve it, and using sterile resources
3. Setting up a microbiology workstation and practicing aseptic techniques
4. Learning to subculture into a broth

Break

5. Pouring nutrient agar plates
6. Pouring MEA plates
7. Subculturing to maintain microbial stocks
8. Dilution streaking
9. Learning to aliquot

Lunch

10. Carrying out a serial dilution
11. Growing fungi - Investigating *Mucor hiemalis*
12. Safe clear up and disposal practices

Duration: 1 Day

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

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

