

Practical Microbiology Course

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This one day, face-to-face, practical course is an opportunity for those that have attended our Technical Support for Microbiology – online theory course, to try out the skills and techniques they first learned about online.

You will learn the techniques needed to support the most common microbiological practicals undertaken in secondary schools, before learning about, and practicing, other more advanced activities.

As the day progresses, and your confidence increases, we will tackle increasingly complex tasks; using a range of resources, including two types of agar and three strains of microbe.



To attend this course you **must** have completed the CLEAPSS Technical Support for Microbiology Theory Course (Online). If you have not attended the online course you will not be allowed to book a place on this course.

The structure of the day is as follows:

Session 1

- Recapping aseptic technique and sterilisation
- Using microbes
- Subculturing - Inoculating a sterile broth
- Pouring agar plates – standard plates & seeded pour plates
- Environmental swabbing and finger dabs

Session 2

- Subculturing for maintaining stock
- Dilution streaking
- Aliquoting
- Investigating anti-microbials

Session 3

- Serial dilutions
- Disposal



Duration: 1 Day

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

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

