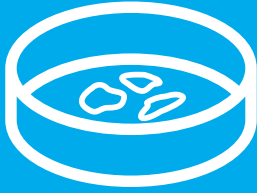




# eScience Labs

## Microbiology



### Introduction:

- Lab 1: Introduction to Science
- Lab 2: Microbiology Lab Safety
- Lab 3: Introduction to the Microscope

### Fundamentals of Microbiology:

- Lab 4: Introduction to Culturing and Aseptic Technique
- Lab 5: Structure and Microscopy
- Lab 6: Growth of Microorganisms
- Lab 7: Quantitation of Cultured Microorganisms
- Lab 8: Selective Media and Agar
- Lab 9: Differential and Biochemical Tests
- Lab 10: Eukaryotic Microbes, Parasitology, and Viruses

### Applied Microbiology:

- Lab 11: Food Microbiology
- Lab 12: Environmental Microbiology and Water Quality
- Lab 13: Microbial Genetics and Genetic Engineering

### Appendix: Good Lab Techniques

