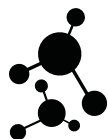




## Introduction:

Lab 1: The Key to Reproducible Science



## Biological Processes:

Lab 2: Diffusion and Osmosis

Lab 3: Enzyme Catalysis

Lab 4: Respiration



## The Cell:

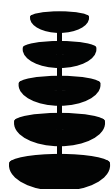
Lab 5: Cell Structure and Function

Lab 6: Mitosis and Meiosis

Lab 7: Genetics of Organisms

Lab 8: Population Genetics and Evolution

Lab 9: Molecular Biology



## Kingdoms of Life:

Lab 10: Bacteria and Archaea

Lab 11: Plant Pigments and Photosynthesis

Lab 12: Plant Circulation



## Animal Kingdom:

Lab 13: Invertebrates and Vertebrates

Lab 14: Structure

Lab 15: Human Circulatory and Respiratory Systems

Lab 16: Human Nervous and Sensory Systems



## Ecology:

Lab 17: Ecology of Organisms

Lab 18: Ecological Interactions

Appendix: Good Lab Technique