



General Biology

Version 3

Introduction

- Lab 1: Introduction to Science
- Lab 2: General Lab Safety
- Lab 3: Chemical Bonding Fundamentals
- Lab 4: Introduction to the Microscope

Cellular Fundamentals

- Lab 5: The Chemistry of Life
- Lab 6: Diffusion and Osmosis
- Lab 7: Enzyme Catalysis
- Lab 8: Metabolism

Genetic and Biological Processes

- Lab 9: Hierarchies of Life
- Lab 10: Unicellular Organisms
- Lab 11: Mitosis and Meiosis
- Lab 12: Transcription and Translation
- Lab 13: Genetics of Organisms
- Lab 14: Biomolecular Techniques

Plant Kingdom

- Lab 15: Plant Pigments and Photosynthesis
- Lab 16: Plant Transpiration
- Lab 17: Plant Reproduction





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Animal Kingdom

- Lab 18: Mammalian Homeostasis
- Lab 19: Invertebrates
- Lab 20: Vertebrates
- Lab 21: Animal Behavior and Zoology

Environmental Biology

- Lab 22: Ecology of Organisms
- Lab 23: Ecological Interactions
- Lab 24: Environmental Succession

Appendix: Good Lab Techniques