

# Biology Mid-Year Review

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**Review your notes.** Confirm you have a reasonable-level of understanding for each topic listed here. If the mid-year exam is open notes, confirm you have evidence of your participation with each topic listed. For any topics where you either have an inadequate grasp of the concepts – or for which you do not have personal copies of notes and topic artifacts – revisit those topics and make improvements.

- Biology 10 Student Expectations
- Biology 11 What is Biology?
- Biology 12 Scientific Method and Safety
- Biology 13 Connections Across Content
- Biology 14 Cell Organization
- Biology 15 Plant Cells
- Biology 16 Prokaryotic and Eukaryotic Cells
- Biology 17 Mitosis and Cytokinesis
- Biology 18 DNA and Heredity
- Biology 19 Genes Genetics and Chromosomes
- Biology 21 Organization of Living Things
- Biology 22 Animal Classification
- Biology 23 Interdependence of Living Things
- Biology 24 Theory of Evolution
- Biology 25 Protist Evolution
- Biology 26 Adaptations and Natural Selection
- Biology 27 Populations and Genetics
- Biology 28 Use of a Light Microscope

Below, find a list of Techniques which may have been covered during this period (many of these may not have been explicitly covered as a topic). For those listed that were covered in class as a topic, confirm you have a sufficient grasp of the major concepts and that you have a solid set of accompanying notes.

- Technique 10 How to Read Complex Text
- Technique 11 How to Summarize Information
- Technique 12 The Scientific Method
- Technique 13 21st Century (4Cs)
- Technique 14 Critical Thinking
- Technique 15 Creative Concepts
- Technique 16 Collaboration
- Technique 17 Communication
- Technique 18 Lab Safety
- Technique 19 Lab Procedures
- Technique 20 Lab Measure and Convert
- Technique 21 Devise Experiments
- Technique 22 Data Gathering
- Technique 23 Graphing and Charting Data
- Technique 24 Interpret Results
- Technique 25 Use and Care of Equipment