

Term 3 Assessment Study Guide

- Know the difference between radioactive & relative dating
 - Know how to read a diagram of fossils in the Earth's layers
- Understand Miller & Urey's experiment to simulate Earth's early atmosphere
 - (pg 424)
- Be able to identify examples of adaptations
 - camouflage, physiological, and mimicry
- Types of Selection and Examples of Each
 - directional, stabilizing, disruptive
- Environmental Pressures
- How many & the order Linnaen taxonomic categories
- Mammalian characteristics
- Binomial nomenclature & characteristics of scientific names
- Characteristics of the three domains
- How to read a cladogram
- How to read a dichotomous key
- Know the events of binary fission and conjugation
- Shapes of prokaryotes
- Virus diagram
- Characteristics of gram-stained bacteria
- Virus infection cycles (study diagrams)
 - lytic & lysogenic
- Characteristics of the alternating generations life cycles
- Categories of protists and where each organism fits (animal-like, plant-like, fungus-like)
- Paramecium diagram (know structures and functions → book/website/diagrams)
- Characteristics of water molds

