

BIO II UNIT 1 STUDY GUIDE



-
-
- Deductive vs. Inductive Reasoning
 - **Deductive:** predict results if a certain premise is correct (general to specific)
 - **Inductive:** Derived generalizations from a large number of specific observations (specific to general)
- Scientific Theory:
 - Broad and well substantiated theory for some aspect of the natural world that is consistent with available evidence
 - EX: all species are descended from a common ancestor
- Hypothesis:
 - Proposed explanation for an observed phenomenon that is based on knowledge and consistent with available evidence
 - EX: there are no polar bears in the Antarctic because there is no feasible route to get there
 - **Experiments test hypotheses**
- Scientific literacy matters because...
 - Curiosity and making connections!!
- Progressive loss of genetic material

2nd Semester Inquiry Review Bio 1

State University of Iowa



2nd Semester Inquiry Review Bio 1:

2nd Semester Inquiry Review Bio 1 Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the power of words has be more evident than ever. They have the capability to inspire, provoke, and ignite change. Such may be the essence of the book **2nd Semester Inquiry Review Bio 1**, a literary masterpiece that delves deep in to the significance of words and their effect on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall affect readers.

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