

BIOL 1110-1.2.1



[Ch.1]
Fundamental Properties of Life: 1. Made of Cells 2. Uses Energy 3. Homeostasis 4. Growth, Development, Reproduction 5. Heredity

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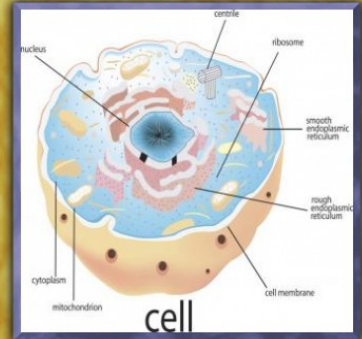
[Ch.1]
From Least Complex to Most: Atom, Molecule, Macromolecule, Organelle, Cell, Tissue, Organ, Organ System, Organism, Population, Species, Community, Ecosystem, Biosphere

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[Ch.1]
Properties that emerge from forming new structures

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[Ch.1]
Descriptive Science- Describing Science completely
Hypothesis Driven Science- Suggested Logical explanations
Hypothesis- Logical Guesses; Theory- Solid Conclusions

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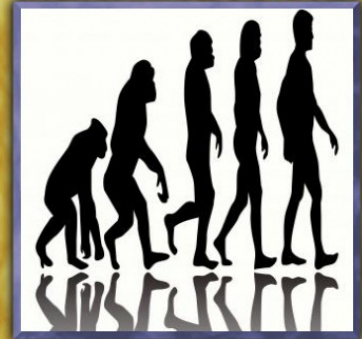
[Ch.1]
Darwin Proposed that Artificial Selection can also be used by nature. Called it Natural Selection. Used to understand how Evolution worked. Evolution is slightly modifying life over a large period of time

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[Ch.1]
Major types of evidence Supporting Evolution: The Fossil Record, Comparative Anatomy, Molecular Evidence

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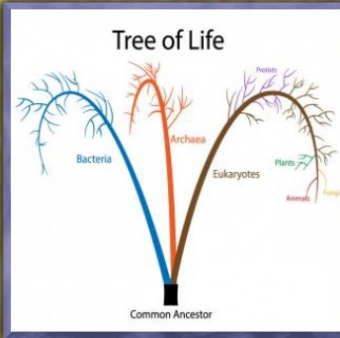
[Ch.1]
All Living things came from a single Cellular Organism. That then diversified from the environment around them over time

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[Ch.1]
3 Domains of Life: Bacteria, Archaea, Eukaryotes

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