1. Evolution, the theme of Biology & Scientific Bio
   Prokaryotes: 4.5 billion yrs ago
   (single celled)
   Charles Darwin: theory of Evolution
   Survival of the fittest
   Bio is the study of life: Homeostasis
   Properties of life: (same) (same)
   Regulation, adapt or order, energy processing, growth
   Development, respond to the environment, reprodu

3. Virus & maintain itself & living
   Stable, same
   Environment
   Information (DNA = genetic code)
   Energy + matter
   Interactions
   Evolution

Levels of biological organizations
1. Bio: Everything on Earth
2. Systems: living & non-living components in one area
3. Communities: only living things in an ecosystem
4. Populations: one species within a community
5. Organisms: individual (Birch tree) organism
6. Organ + organ system: leaf = plant / eye = human
7. Tissues: each organ is made up of tissue
8. Cells: basic unit of life, all living things made of cell
9. Organelles: substructures within cell
10. Molecules: atom = smallest unit of matter

(H) Hydrogen 90%
(O) Oxygen 21% living
(C) Carbon 1% world
(N) Nitrogen 78% skin
(taking up space)