

Unit 2:

- Ribosome
- rRNA
- Protein
- mRNA
- Common ancestry
- Membrane-bound
- Smooth endoplasmic reticulum (ER)

- Rough endoplasmic reticulum
- Compartmentalizes
- Detoxification
- Lipid synthesis
- Golgi complex
- Protein folding
- Protein trafficking
- Mitochondria

- Lysosome
- Hydrolytic
- Vacuole
- Chloroplasts
- Nucleus
- Intracellular
transport
- Intracellular
digestion

- Recycling
- Programmed cell death
- Turgor pressure
- Surface area
- Volume
- Ratio
- Diffusion
- Membrane folds

- Phospholipids
- Hydrophilic
- Hydrophobic
- Embedded proteins
- Cholesterol
- Glycoproteins
- Glycolipids
- Selective permeability

- Small/large
- Ions
- Polar/nonpolar
- Cell wall
- Passive transport
- Active transport
- Concentration
gradients
- Endocytosis

- Exocytosis
- Water
- Ions
- ATP
- Osmosis
- Hypertonic
- Hypotonic
- Isotonic
- Solute

- Lyse / lysis
- Water potential
- Pressure potential
- Solute potential
- Equilibrium
- Ionization
- Compartmentalization
- Endosymbiosis
- Fission
- DNA sequences

- Algae
- Prokaryotes