Photosynthesis:

* Formula for photosynthesis (chemical symbols and what they mean)
* What is an autotroph and what is a heterotroph?
* Light and pigments
* Chloroplast parts
* Factors that affect photosynthesis
* How does photosynthesis relate to cellular respiration?

Cellular Respiration:

* Formula for CR (chemical symbols and what they mean)
* What organisms undergo cellular respiration?
* Aerobic vs anaerobic
* Mitochondria parts
* Glycolysis
* Energy amounts produced by aerobic CR and anaerobic CR
* How does CR relate to photosynthesis?