

Biology Study Guide

Chapter 4 – Cellular Processes

1. Study any Quizlets made for chapter 4.
2. Create a chart for cellular respiration.
3. Explain the process of protein synthesis, making sure to include the function of each type of RNA.
4. List the complementary base pairs and which ones they pair with.
5. What are the conditions needed for photosynthesis?
6. What are the factors that affect metabolic rate?
7. What are the products of photosynthesis?
8. What is the purpose of Cellular Respiration?
9. Know/Apply the following terms:
 - ADP
 - Aerobic
 - Amino acid
 - Anabolism
 - Anaerobic
 - ATP
 - ADP
 - AUG
 - Autophagy
 - Autotroph
 - Calvin
 - Calvin cycle
 - Catabolism
 - Chemosynthesis
 - Chlorophyll a
 - Chloroplast
 - Exons
 - Fermentation
 - Glycolysis
 - Grana
 - Heterotroph
 - Introns
 - Light-dependent phase
 - mRNA
 - Photosynthesis
 - Pigments
 - Proteins
 - rRNA
 - RuBP
 - Stroma
 - Translation
 - tRNA