Cellular Respiration – Unit objectives

Standard Assessment

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1. List 3 types of organic compounds our bodies use for energy.
2. Describe the general process of cellular respiration
3. Recall the general equation of cellular respiration
4. Describe the various phases on cellular respiration, including the reactants and products
5. Compare the process of fermentation to the general process of aerobic respiration
6. Explain the process of alcoholic fermentation, including the reactants and products.
7. Explain the process of lactic acid fermentation, including the reactants and products.
8. Explain the process of the Krebs cycle
9. Identify the main function of the electron transport chain
10. Identify the 3 ATP stores in muscles
11. Explain “oxygen debt” in relation to running
12. Compare and contrast the process of photosynthesis and the process of cellular respiration
13. Distinguish which organisms use photosynthesis and which organisms use cellular respiration