

Principles of Biomedical Science (2A and 2B) Day 7 and 8

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Standard(s)	Describe the function of HDL and LDL in cholesterol transport and how levels of these molecules relate to heart disease risk.
Learning Targets/Can Statements	I can describe the function of High Density Lipids and Low Density Lipids in cholesterol transport. I can analyze how these levels contribute to heart disease risk.
Essential Question(s)	4.4 - 1 How can a person decrease their risk of a heart attack or stroke? 4.4 - 2 What role does lifestyle play in the development of heart disease?
Resources	Wifi District issued laptop or personal computer Microsoft publisher https://www.cdc.gov/cholesterol/ldl_hdl.htm
Learning Activities or Experiences	Students use the given website and other reliable websites (ending with .edu, .gov, .net) to research the following molecules and Cholesterol High Density Lipids Low Density Lipids Create a brochure to inform middle school students about HDL, LDL- descriptions, functions, normal levels and abnormal levels and effects of abnormal normal on heart health and ways to maintain normal HDL and LDL levels Submit your work on Microsoft Teams.

**This lesson does not encompass the full intent of this indicator.*