**Study Guide Chapter 2 Quiz**

**Carbohydrates and Lipids**

* Be able to construct carbohydrate polymers from the monomers given
* Be able to construct a lipid/triacylglycerol
* Be able to differentiate between dehydration/condensation reactions and hydrolysis reactions
* Be able to discuss the structure and function of starch, cellulose and glycogen
* Be able to classify carbohydrates based on size
* Be able to relate the structure of a lipid to its function and properties
* Be able to identify the name and location of the bonds found in each of the biomolecules (ester, glycosidic linkage)
* Be able to describe the structure and molecular formula of a monosaccharide
* Be able to classify lipids as saturated or unsaturated
* Be able to describe the properties of saturated and unsaturated lipids
* Know the function of both carbohydrates and lipids
* Be able to identify the basic structure of steroids
* Be able to predict how lipids will behave in H20
* Be able to describe the structure and function of a phospholipid

\*\* Your quiz will be 20 multiple choice questions.

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