Wednesday, October 24th, 2012

Unit: The Chemistry of Life Topic: Carbon Chemistry	Date: 10/24/2012 Class: Biology

Michigan Biology Objectives:
B2.2C Describe the composition of the four major categories of organic molecules (carbohydrates, lipids, proteins, and nucleic acids).
B2.2D Explain the general structure and primary functions of the major complex organic molecules that compose living organisms.
B2.2E Describe how dehydration and hydrolysis relate to organic molecules.

Illinois Objectives:
12.11.53 Understand that in chemical reactions, atoms combine into molecules by means of bonds (e.g., by sharing electrons to form covalent or metallic bonds or by exchanging electrons to form ionic bonds).

My Lesson Objectives:
- Identify a carbohydrate as a long chain of repeating sugar units.

Activities:	Materials/Equipment:
● PowerPoint slides and lecture on some of the carbon chemistry related to carbohydrates. (30 minutes) ● Classwork -- *Worksheet due at the end of the hour* (20 minutes)	● PowerPoint slides

Assessment: (Embedded, Formal)
Embedded:
- Carbohydrates note packet with follow up questions.
- For homework students look at the food labels of household foods and write down which foods have high fructose corn syrup (HFCS) and which foods don't.