**STATION 2: WATCH IT!**

Go to <https://www.youtube.com/watch?v=LeOUIXbFyqk> and answer the questions below.

1. What are the three elements found in carbohydrates? What proportion (ratio) can these elements be found in?
2. What do the prefixes mono, di and poly mean? What does the root word saccharide mean?
3. What are the monomers (building blocks) of carbohydrates?
4. Which monosaccharide is the most abundant (commonly found)? List three facts about this monosaccharide.
5. How are disaccharides formed? Name three different disaccharides.
6. Why do you think the structure of the carbohydrate chain plays a role in the storage of energy?
7. Name three structural polysaccharides. Where can each of these be found?
8. Most organisms cannot break down cellulose, a polysaccharide found in the cell walls of plants. How do grazing animals, such as cows, break down cellulose and use it at a source of energy?