

Chapter 6 chemistry test review
Things that make you go Hmmmmmm

Michigan Framework Benchmarks

Explain how carbon can join to other carbon atoms in chains and rings to form large, complex molecules B2.2A
Recognize the six most common elements in organic molecules (C, H, O, P, S, N) B2.2B
Describe the composition of the 4 major categories of organic molecules (lipids, carbs, DNA, proteins) B2.2C
Explain the role of cell membranes as a highly selective barrier B2.5h

- Differentiate between organic and inorganic things
- Recognize that the main elements in macromolecules are carbon, hydrogen, and oxygen (proteins also have nitrogen)
- Differentiate between diffusion and osmosis
- Determine which way molecules will move using the Law of concentration gradients
- Differentiate between semi-permeable and impermeable membranes
- Vocabulary:

Monosaccharide	fat	glucose
Disaccharide	protein	fructose
Polysaccharide	amino acids	sucrose
- Know the origin of glucose, fructose and sucrose