**SBI4U: Unit 2 Metabolic Processes Test Topics**

What do you need to know?  ALL of chapter 3 & 4. Try the section reviews at the end of ch.3 & 4 or the unit review & self –assessment on p188-195-if you would like to check your answers, just ask to borrow the answer book!

Use your notes, my notes, and homework questions to help you study.  You will get the "cheatsheet" that I've discussed in class-so it will look EXACTLY as it looks like on the class portal!

 Specifics on what you need to know:

* Thermodynamics-use note from 3.1 (multiple choice only for the “physics” information)
* CR & PS: Reactants, products, parts (location, function), key players, cyclic/non-cyclic
* Yield of ATP (actual, theoretical, aerobic, anaerobic, CHO, lipids, proteins)
* Anaerobic fermentation
* NADH & FADH2 & NADPH:  (function, found where)
* Cyclic vs non-cyclic light dependent reaction
* types of phosphorylation
* regulation of CR
* comparison of CR & PS
* mitochondrial & chloroplast structure
* Adaptations to Photosynthesis-C4 & CAM plants-Multiple choice only (p168-9)

Good Luck!