Lesson Plan:	Date:
John Collins Paper: Organic Compounds	9/22-30/2009

_____Class Notes _____Lab __X__Classwork _____Powerpoint Activity: _____

Topic/Concept:	Education Standards Addressed
Organic Molecules	*Chemistry of Life*-1.2: Describe the basic molecular structures and primary functions of the four major categories of organic molecules

Learning Objectives	1. Describe each class of organic molecules and and their importance to living organisms. 2. Describe the basic structure of each class of organic molecules including the monomers and polymers.	Materials Needed • Collins project summary • Biology textbook • Class notes • Organic Molecules Concept Map • Organic Compounds Brainstorm
Warm-up	Review project summary	
Procedure	1. Students complete organic molecules structure and function chart. 2. Students complete concept map worksheet for homework using text, lecture and power point notes 3. Review project summary with class explaining directions. 4. Students follow directions on project summary. 5. Students write their rough draft. They can use the rough draft as final if not many errors. 6. Have their papers peer edited. 7. Pass paper in for grading.	
Assessment/ Wrap up	Students will be assessed using the FCA's in the project summary: FCA'S: Vocabulary usage (use words listed above)…….…… 30 points Paragraph formation (4 paragraphs, one for each class)…….20 points Details and information (describe each class giving the monomers, polymers, how they form and their importance for life functions)……..……50 ***TOTAL POINTS……100***	Other Resources: Carbon Compounds PPT Carbohydrates PPT Proteins PPT Lipids PPT Nucleic Acids PPT
Independent Study Homework	Read Chapter 3-Biochemistry Answer Section Review Questions 1-6 for all 3 sections Chapter Review 1-15	
Summary/Reflections	Have students underline vocabulary words.	Additional Notes