

Chemistry 1 – Regular  
Week 17

## Chemistry – Visualizing Matter

Lab of the Week: Organic Chemistry Models  
**Handout** (Course Doc./Labs)

Evaluations: NONE but Quiz next Monday  
on hydrocarbons and  
functional groups

### Lab Day – Organic Models

Activities – Classify organic molecules by their functional groups  
- Begin Organic Models

HW: Textbook p243 do problems 1-7

### Lecture Day 1

Activities – Review IMFA Evaluation  
-Introduce Organic Chemistry & Organic compounds  
**Handout:** Organic Chemistry (Course Doc./Chapter Notes and Outlines)  
-Review the properties of Organic network solids  
-Relate the physical properties of organic compounds to the chemical structure.  
-Introduce the following groups of hydrocarbons: alkanes, alkenes and alkynes  
-Preview Lab

HW: Read through the outlined packet of organic chemistry

### Lecture Day 2

SSBAT: Show mastery of organic molecule classification

Activities: -Continue with discussion on alkanes, alkenes and alkynes  
-Complete Organic Models activity and Review responses to organic model lab

HW: Study Guide Workbook p49 – 51, questions 1 – 18.

### Lecture Day 3

SSBAT: Show mastery of organic molecule classification

Activities – Complete Organic Model activity  
-Board Drawings (Organic compounds with functional groups) Name & Formulas  
-Review HW  
- Complete lesson on hydrocarbons and their functional groups  
- Discuss organic rings

HW: Study Guide WB p51 – 54 #19 & 1-9 and in Textbook p252 problems 1 - 12

### Lecture Day 4

SSBAT: Show mastery of organic molecule classification

Activities – **BRING STUDY GUIDE WORKBOOKS TO CLASS to review HW**  
-Introduce esters  
-Discuss polymerization and Polymers  
- Begin WS Organic Chemistry **Handout** (Course Doc./Worksheets)

HW: Text p267 – 268 #11 – 23 & Prepare for Quiz on Monday 14 by doing Q 1 (a-n) & 2 on  
the Organic Chemistry WS **Handout**