

Name	Date	Block 1
Organic Chemistry - Song		

Unit 1. Alkanes

Homework is due the class after it is assigned. Please write the date and assignment on your homework, along with your name.

Please keep track of your assignments and grades with this sheet. I will award a bonus test point if you will submit it with your test.

Dr. Song is available for extra help in the Resource Center Block 2; Study Hall Block 6; M, W, Th after school in room 142; and other times by appointment.

Date	Topics	Assignment	Grade
8/22	Welcome!	Return lab safety contract	5
	Class expectations	Return class expectations	5
	Lab safety	Return info sheets	5
	Evacuation and lockdown C and 4 Functional Groups	Read Hart 1.17-1.18 Hart #1.30 1.60	2
8/23	Quiz Bonding Ionic, covalent, polar covalent Valence electrons Hybrid orbitals Molecular geometry	Read Hart 1.1-1.7, 1.14-1.16 Hart #1.1 1.6 1.7 1.9 1.15 1.16	6
8/26	Func. Groups and nomenclature	Read Hart 1.8-1.10	4
	Alkanes	Hart #1.20 1.22 1.23 1.24	
	Nomenclature	Read Hart 2.1-2.3	3
	Isomers Formulas and notations	Hart 2.1 2.2 2.3	
8/28	Quiz Lab – Alkanes	Lab Report – Alkanes	35
8/29	Alkyl substituents, nomenclature Homologous series	Read Hart 2.4-2.7 Hart #2.4 2.5 2.7 2.8	4
8/30	Reactions of alkanes	Read Hart 2.12-2.13 Hart #2.18 2.19 2.20 2.21 2.23	5
9/4	NMR	Read Hart 12.2 Hart #12.1 12.2 12.3 12.6 12.9	4
9/5	NMR Conformations Cyclohexane	Read Hart 2.8-2.10 Hart #2.10 2.11 2.16a	3
9/6	Problems Review	Study for test	
9/10	Test	Last day to submit assignments without penalty	