

Chapter 26: Pathways in Organic Chemistry

Lesson	Lab or Activity	Lecture - Class notes	AV	Follow-up	Homework	Assess.
1	Demonstrate with models	lesson: Pathways in Organic Chemistry 26:1 Homo and Heterolytic Fission Types of Reaction Reactive Sites Attacking Non Polar Bonds Nucleophilic Substitution class notes 26:1a to 26:1e		Link to Chapter 20	Chemistry Matters Chap 26 study question 1	
2		lesson: Pathways in Organic Chemistry 26:2 Nucleophilic Substitution class notes 26:2a to 26:2c		review study questions	Chemistry Matters Chap 26 study question 2	
3		lesson: Pathways in Organic Chemistry 26:3 Nucleophilic Addition Relative Rates of Addition Making C-C bonds Adding on Nitrogen Nucleophiles class notes 26:3a to 26:3d			Chemistry Matters Chap 26 study questions 3 and 4	
4		lesson: Pathways in Organic Chemistry 26:5 Electrophilic Attack Electrophilic Substitution class notes 26:4a and 26:4b			Chemistry Matters Chap 26 study questions 5 and 6	
5		lesson: Pathways in Organic Chemistry 26:6 Electrophilic Substitution Catalyzed Electrophilic Attack Picking a Place on the Ring class notes 26:5a to 26:5c		review study questions		
6		lesson: Pathways in Organic Chemistry 26:7 Electrophilic Addition class notes 26:6a and 26:6b				
7	Practical Investigation 23 reaction mechanisms					

Chapter 26: Pathways in Organic Chemistry Pacing Guide

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8	Practical 23 cont	TOK: Agreement between rate equation and a suggested mechanism only provides evidence to support a reaction mechanism. Disagreement disproves the mechanism		review practical 23	complete lab write up	
9	Practical 23 cont			review practical 23	complete lab write up	
10	Practical 23 cont			review practical 23	complete lab write up	
11	Practical 23 cont			review practical 23	complete lab write up	
12	Practical 23 cont			review practical 23	complete lab write up	practical 23
13		lesson: Pathways in Organic Chemistry 26:7 Relative Rates of Addition Addition of Hydrogen Halides class notes 26:7a to 26:7c				
14		lesson: Pathways in Organic Chemistry 26:8 Radical Reactants Radical substitution class notes 26:8a and 26:8b		review study questions	Chemistry Matters Chap 26 study question 7	
15		lesson: Pathways in Organic Chemistry 26:9 Polymerization class notes 26:9a		review study questions	Chemistry Matters Chap 26 study question 8	
16		lesson: Pathways in Organic Chemistry 26:10 Elimination versus Substitution class notes 26:10a		review study questions	Chemistry Matters Chap 26 study question 9	
17	1 st 2 nd Qtr Test year 2					
18				corrections	complete corrections	1 st 2 nd Qtr