CHEMISTRY 11 - ORGANIC CHEMISTRY HYDROCARBON DERIVATIVES

ALKYL HALIDES (p.224)

- 1. What are alkyl halides? Give some examples.
- 2. What are the properties of alkyl halides?
- 3. How are alkyl halides named?

FUNCTIONAL GROUPS (p.233-240)

1. What is a **functional group**?

ALCOHOLS

1. What are alcohols? Give some examples.

- 2. List some properties of alcohols.
- 3. How are alcohols named?

ALDEHYDES

- 1. What is an aldehyde? Give some examples.
- 2. How are aldehydes named?

Ketones

1. What is a ketone? Give some examples.

- 2. How are ketones different from aldehydes?
- 3. How are ketones named?

ETHERS

1. What is an ether? Give some examples.

2. How are ethers named?

AMINES

- 1. What is an amine? Give some examples
- 2. How are amines named?

AMIDES

- 1. What is an amide? Give some examples.
- 2. How are amides named?

CARBOXYLIC ACIDS

- 1. What is a carboxylic acid? Give some examples.
- 2. How are carboxylic acids named?

ESTERS

- 1. What is an ester? Give some examples.
- 2. How are esters named?

Organic Chemistry Summary		
Group	Structure (R represents H or Carbon chain)	Nomenclature
alkanes		
alkenes		
alkynes		
aromatics		
alkyl halides		
alcohols		
aldehydes		
ketones		
ethers		
amines		
amides		
carboxylic acids		
esters		