

# Carbonyl Compounds

Pre-lesson assignment – Textbook page 454-456 (Refer to pg.207 if necessary)

## Define the following terms

- Carbonyl
- Aldehyde
- Ketone
- Nucleophile

## Make notes on carbonyl compounds

*Use the following questions as guidance*

1. Explain how to
  - a. Write a structural formula for each carbonyl compound.
  - b. Name each type of carbonyl compound.
2. Draw the structure of a C=O bond and a C=C bond.
3. Compare the two bonds. Make a list of similarities and differences.

*You may also wish to revise some of the key ideas from AS such as empirical formula and isomerism.*