

Chemistry year 11 Spring 1

Chapter and topic	Lesson (Spring 1)	Outcomes
C10. Organic reactions	1. Reactions of the alkenes	<ul style="list-style-type: none"> To recall the names of the alkenes –ethene, propene, butene and pentene. Describe how alkenes react with oxygen. Draw structural formulae of the first four alkenes.
	2. Structures of alcohols, carboxylic acids and esters.	<ul style="list-style-type: none"> Recall the names and formulae of the four members of the alcohols, carboxylic acids, ester and ethyl ethanoate. Represent the structure of their molecules using displayed formulae.
	3. Reactions and uses of alcohols	<ul style="list-style-type: none"> Write balanced chemical equations for the combustion of alcohols. Recall some uses of alcohols.
	4. Reactions and uses of alcohols	<ul style="list-style-type: none"> Describe the oxidation reaction of alcohol with sodium. Carry out investigative practical.
	5. Carboxylic acids and esters	<ul style="list-style-type: none"> Recall how to recognise carboxylic acids from their properties. Explain why carboxylic acids are described as weak acids. Describe how to make esters.
	6. Carboxylic acids and esters.	<ul style="list-style-type: none"> Recall the difference between carboxylic acids and esters. Explain how to make esters.
	7. C.10 revision	<ul style="list-style-type: none"> To revise the topic C.10 in preparation for test.
	8. C.10 test	<ul style="list-style-type: none"> Kerboodle C10 test