Edexcel International GCSE Chemistry 4CH1 Learning Plan

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| **Unit: 4. Organic Chemistry** | | **Chapter: 27. Carboxylic Acids** | | **Hours: 2** |
| Content coverage | Learning outcomes | Resources | Assessment | |
| **Section 4: Organic chemistry**  (f) Carboxylic acids | Students will be assessed on their ability to:  **4.34C know that carboxylic acids contain the functional group**    **4.35C understand how to draw structural and displayed formulae for unbranched-chain carboxylic acids with up to four carbon atoms in the molecule, and name each compound**  **4.36C describe the reactions of aqueous solutions of carboxylic acids with metals and metal carbonates**  **4.37C know that vinegar is an aqueous solution containing ethanoic acid.** | Video: Section 3 Lesson 3 Carboxylic Acids  Powerpoint: Section 3 Lesson 3 Carboxylic acids  Textbook pages:  Page 294 – Drawing and naming the carboxylic acids  Page 294 – Acid properties of the carboxylic acids | Page 295 – 296 Qs. (1) to (4)  Chapter 27 Answers to textbook questions | |

Videos – [www.igcsesciencecourses.com](http://www.igcsesciencecourses.com)

Textbook Ref: Edexcel International GCSE (9-1) Chemistry Student Book - Pearson (Clark, Owen and Yu)