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 AcidsPowerpoint: Section 3 Lesson 3 Carboxylic acidsTextbook pages:Page 294 – Drawing and naming the carboxylic acidsPage 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)