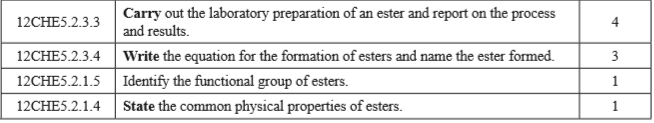
**Strand 5: Organic Chemistry**

Lesson 3 of Week 5, Term 2: **Carboxylic Acid**

Resource: Esa study Guide, Level 2 Chemistry, Chapter 15, online as well

The learning outcomes targeted in this activity are provided in the table below,

|  |  |  |
| --- | --- | --- |
| **SLO Code** | **SPECIFIC LEARNING OUTCOMES (SLO):** | **SKILL LEVEL** |



Activity

1. Watch a video on the laboratory preparation of an ester. Outline the process of laboratory preparation.
2. Write the equation for the formation of ester (reactant)
3. Name the ester formed above (product)
4. Identify/write the functional group of esters
5. State four properties of esters
6. Ethanol is wormed with ethanoic acid in the presence of concentrated sulfuric acid
   1. Draw the structural formula for the organic product
   2. Name the organic product