**TERMS AND DEFINITIONS YOU NEED TO KNOW**

In the table below are key words you need to know to understand the ideas of Organic chemistry. Use the videos [Organic chemistry introduction Part 1](https://www.youtube.com/watch?v=HRz-jH4CAy8), and [Organic chemistry introduction Part 2](https://www.youtube.com/watch?v=0R2phZMxYSI) to complete

|  |  |
| --- | --- |
| **What you need to know** | **What does it mean?** |
| Why the **Carbon** atom? |  |
| **Molecular formula** |  |
| **Structural formula** |  |
| **Condensed formula** |  |
| **Skeletal (line) formula** |  |
| **Hydrocarbons** |  |
| **Alkanes** |  |
| **Alkenes** |  |
| **Alkynes** |  |
| **Substituent group** |  |
| **Alkyl group** |  |
| **Functional group** |  |
| **R and RI** |  |
| **Halide** |  |
| **alcohol** |  |
| **Ketone** |  |
| **Aldehyde** |  |
| **Carboxylic acid** |  |
| **Ester** |  |
| **Amide** |  |
| **Amine** |  |
| **Phenyl** (not in these SC yet) |  |
| **Aromatics** (slightly different from phenyl) |  |
| **NOT in the VIDEO (but do anyway)** | |
| What is **Organic Chemistry** |  |
| **Nitriles** |  |
| **Structural** **isomers** |  |
| **Geometric** **isomers** |  |