

# **Science (Chem)** **Summary For Alkane and Alkene**

|                                                 | Alkane               | Alkene                    |
|-------------------------------------------------|----------------------|---------------------------|
| Saturated/Unsaturated                           |                      |                           |
| General Formula                                 |                      |                           |
| Name of compound ends with                      |                      |                           |
| Reactions<br>(write the chemical equation)      | i) <u>Combustion</u> | i) <u>Combustion</u>      |
|                                                 |                      | Addition reactions        |
|                                                 |                      | ii) Addition of halogen   |
|                                                 |                      | iii) Addition of hydrogen |
|                                                 |                      | iv) Addition of steam     |
| Test to differentiate between Alkane and Alkene |                      |                           |