|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Substance** | **Composition**   * What elements make up this molecule. | **Structure**   * What is the main composition of the molecule i.e. if a large molecule what components make this molecule * Draw a model where possible | **Examples**   * Give up to 2 examples | **Function**   * Where is this molecule found? * What is its function ? * Why is it important to the cell? |
| **Macromolecules** | | | | |
| Proteins |  |  |  |  |
| Carbohydrates |  |  |  |  |
| Nucleic Acids |  |  |  |  |
| Lipids |  |  |  |  |
| **Other Molecules important in Biology** | | | | |
| Water |  |  | Not required |  |
| Vitamins |  | Not required |  |  |
| Minerals |  | Not required |  |  |

**Composition of chemical molecules found in cells.**

**Resources**

Douchy’s Biology podcast – Episode 11.2 – The Chemistry Between Us

Heinemann Biology 1 pp 13-17

Biozone:

* Biological molecules p. 45
* Carbohydrates p. 46
* Lipids p 47
* Nucleic Acids p. 48
* Proteins p. 49,50, 51