1.3 Introduction to Biological Macromolecules

SYI-1.B Describe the properties of the monomers and the type of bonds that connect the monomers in biological macromolecules

- Hydrolysis and dehydration synthesis are used to cleave and form covalent bonds between monomers.

Enduring Understanding
SYI-1 Living systems are organized in a hierarchy of structural levels that interact.

SYI-1.B Describe the properties of the monomers and the type of bonds that connect the monomers in biological macromolecules

- Monomers
  - Similar repeating units that make up polymers
    - Amino Acids
    - Nucleotides
    - Monosaccharides
    - Fatty Acids
- Polymers
  - Compounds made of repeating linked units
  - Link by covalent bonds
    - Lipids
    - Carbohydrates
    - Protein
    - Nucleic Acids