

c. polymer: _____
i. _____ are joined together by _____

Shapes: Primary Secondary Tertiary Quaternary

ii. enzymes (_____): _____
★ _____

*Why is it important to eat a balanced diet? _____

4. Nucleic Acids

- a. functions: _____
- b. monomer: _____; types: _____
- c. polymers: _____
 - i. DNA molecule: _____
 - ii. RNA molecule: _____

_____ : _____ → _____ → _____ → _____

Structures: **nucleotide** **DNA (nucleotide & polymer)** **RNA (nucleotide & polymer)**

*Which macromolecules provide energy? _____

*Which macromolecules are involved in building structures? _____

D. Enzyme Activity

- 1. parts of an enzyme reaction
 - a. substrate: _____
 - b. active site: _____
 - c. product: _____

How it works:

- 1. _____ joins _____ at _____
- 2. reaction _____
- 3. _____ released from _____

2. pH: measures levels of _____

*Where do the H⁺ come from? _____

- a. _____
 - i. acids: _____
 - ii. bases: _____

b. most organisms have _____

*Why? _____

c. _____

3. _____