

Name: _____

DNA (Deoxyribonucleic Acid) in Detail

What are the requirements of Life?

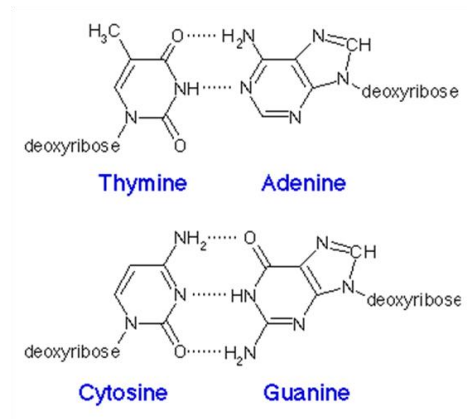
1. _____
2. _____
3. _____
4. _____

Why is DNA important? _____

What is DNA?

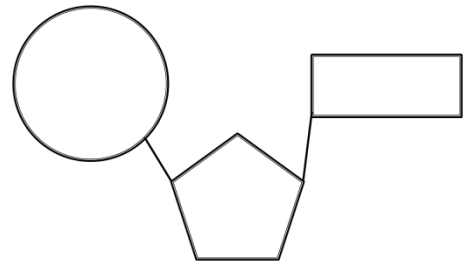
What does DNA do?

- ▶ DNA is used to make _____
- ▶ which is used to make _____
- ▶ which then make up an _____



What is DNA made of?

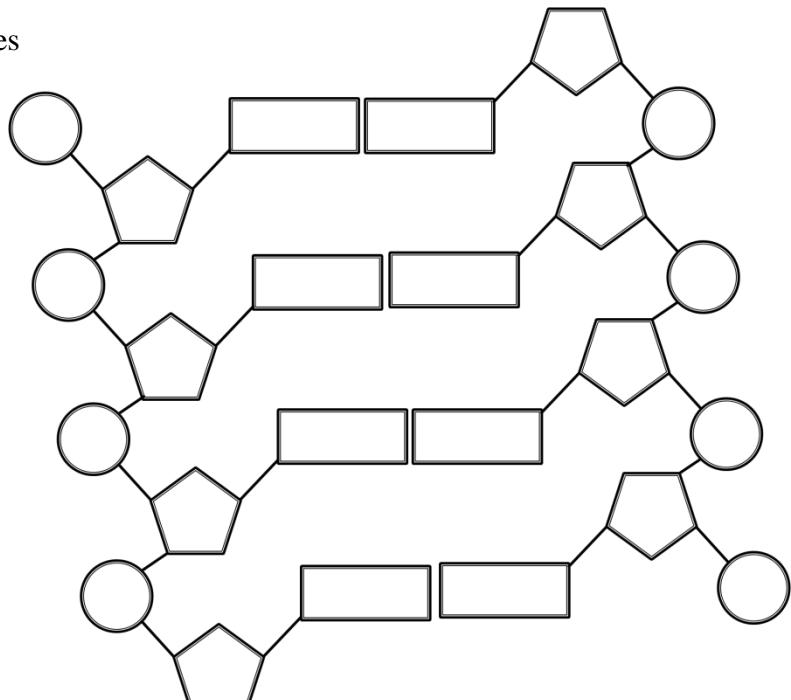
- ▶ DNA is a chain of _____
- ▶ A nucleotide can be broken down into 3 basic parts:
 1. _____
 2. 5 _____ (Pentose)
 3. _____



When these nucleotides are put together in a double helix, it comes out looking like this ↓:

In DNA there are 4 nitrogenous bases

- ▶ The __ Ringed _____
 - _____
 - _____
- ▶ The __ Ringed _____
 - _____
 - _____



Name: _____

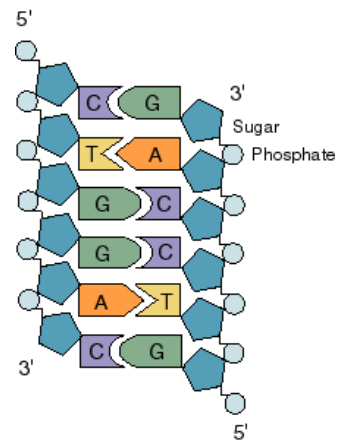
These bases pair specifically:

_____ with _____

&

_____ with _____

Each base forming _____ bonds with its complement



DNA Concept Map

