

# DNA FINGERPRINTING

## IN FORENSICS

### DNA FACTS

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How is DNA fingerprinting used?

\_\_\_\_\_

DNA

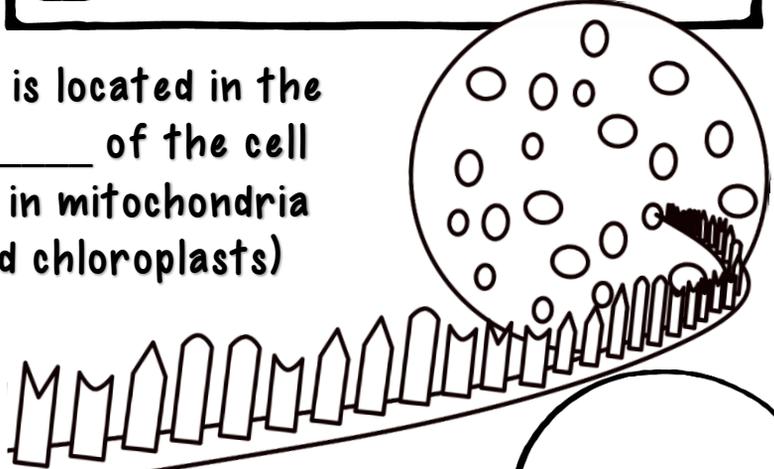
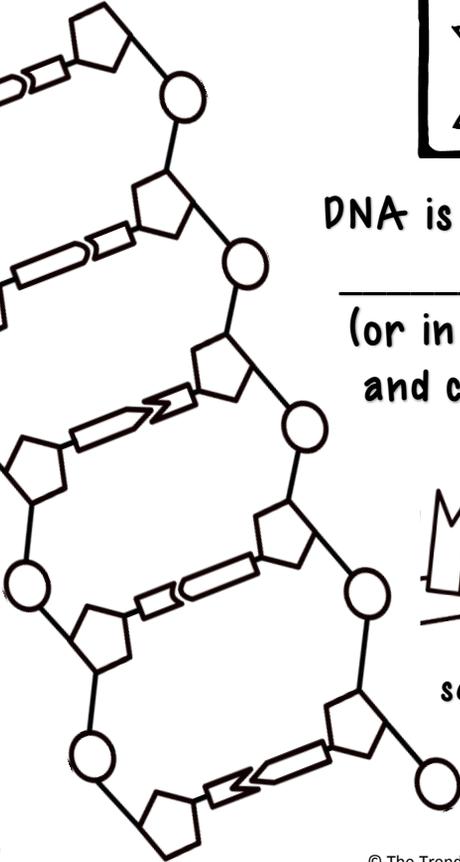
AKA: \_\_\_\_\_

### DNA can be collected from:

- >
- >
- >
- >
- >
- >

DNA is located in the \_\_\_\_\_ of the cell (or in mitochondria and chloroplasts)

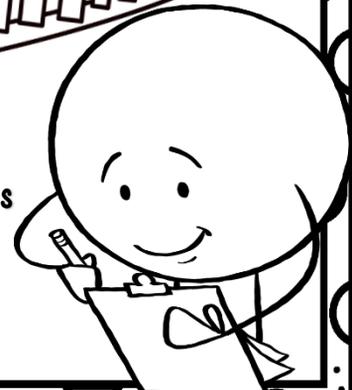
Task: Color the parts of the DNA strand.  
Phosphate: Blue  
Sugar: Red  
Nitrogenous Base: Yellow



DNA is comprised of a sequence of four nitrogenous bases:

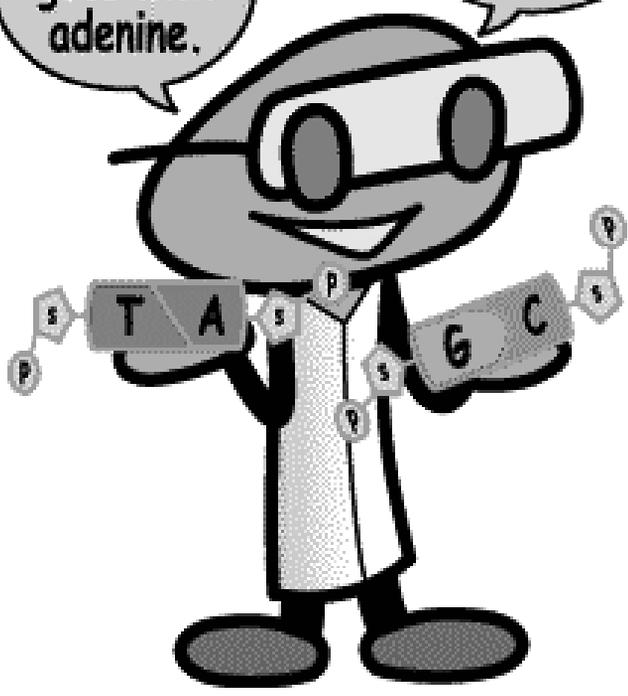
\_\_\_\_\_

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Thymine goes with adenine.

Guanine goes with cytosine.



How will the following nucleotides pair?

ATCGGCTACGT  
.....  
TAAGCCGATAT  
.....  
GCATGCATTAC  
.....

# DNA in Forensics

