

March 21, 2019

- 1) DNA Replication /Fingerprinting
- 2) DNA Assignment



Warm - Up

Approximately 45,000 Canadians live with Down Syndrome.

Today is world Down Syndrome Day!!

DNA Replication

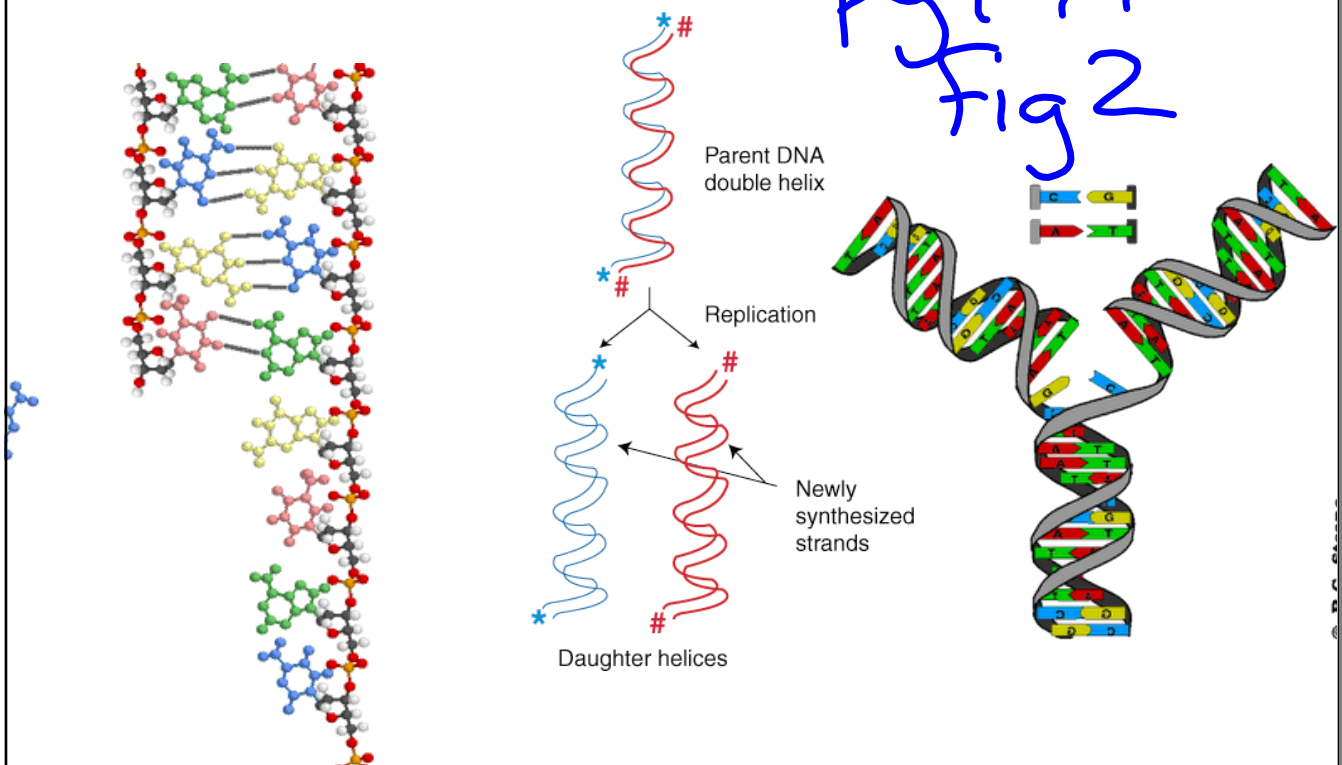


DNA Replication

The process in which DNA is able to make copies/ duplicate itself.

During Cell division the duplicates separate so that each cell has a complete set of genetic information.

The DNA unzips and each side makes a new copy to match.



DNA FINGERPRINTING

As you know, DNA contained in your chromosomes is unique to you. DNA fingerprinting allows us to identify a person by his or her DNA found in skin, hair follicles, semen, saliva and blood. That is the reason why DNA has found its way into the courtroom. Crime scene investigators and police can look for samples of DNA left by someone and match it to a suspect. Aside from the courtroom, can you think of another way this technology can be used now or in the future?

Who done it?



Suspect A	Crime Sample	Suspect B
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1st case in Canada DNA was used to convict?

Attachments

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