DNA Mutations

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**Content Purpose**: Explain how genetic mutations occur.

Mutation: - Is a change in a DNA sequence.

- a mutation can happen during cell division mitosis or meiosis.

- a mutation can occur due to environmental factors such as UV light (sun), chemicals, Radiation or it can happen spontaneously.

Substitution: Replacement of one letter of the codon.

Deletion: Deleting just one letter of the codon.

Insertion: Adding just one letter of the codon.

DNA Mutation Foldable

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Examples of genetic mutations:

Create foldable comparing 2 genetic mutations. Tape your foldable into page 53

Include in foldable:

What is the mutation?

How does it occur?

What does it look like (sympotoms)?

Is there a cure for the mutation?