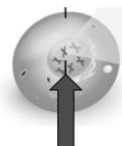




Keyword	Definition
Nucleus	Contains genetic material. Controls all the cells activities
DNA	Deoxyribonucleic Acid. The material inside the nucleus of cells, carrying the genetic information of a living being.
Double Helix	The shape of DNA molecule with two strands twisted together in a spiral.
Chromosome	A coiled molecule of DNA containing many genes. Human body cells have 46.
Gene	A gene is a section of DNA which controls a particular characteristic
Mutation	A change in DNA
Variation	Differences between individuals.
Genetic	Relating to genes
Heredity	Genetic information that determines an organism's characteristics, passed on from parent to offspring
Gamete	Sex cell containing half the genetic information to make an individual e.g. egg or sperm
Allele	A different version of a gene



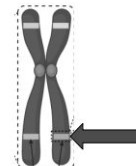
Nucleus



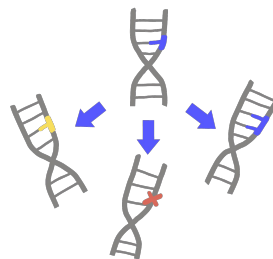
DNA



Chromosome



Gene



Mutations lead to variation which can then be passed from parent to offspring

