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STUDY MATERIAL SCIENCE

CLASS-VIII

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▶ Cells : Structure & Function

➤ **Nucleus :**

The nucleus is a very important part of the living cell. Located in the centre of the cell, the nucleus contains the cell's Deoxyribonucleic acid (DNA) or genes that coordinate protein synthesis.

The genes control the transfer of hereditary characteristics from the parents to their offspring that makes children look like their parents or inherit certain physical characteristics, such as the colour of eyes or hair, from their parents or grandparents.

Ditferent combinations of genes from the parenta result in different characteristics in the offspring