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STUDY MATERIAL SCIENCE

CLASS-VIII

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▶ Cells : Structure & Function

The structure of cells can be studied by looking at some easily available cells such as cheek cells, cells of onion peel, or the leaf peel of ornamental plants such as Tradescantia, Elodea or Rhoeo under a microscope. The cell wall, cytoplasm and the nucleus can be seen.

Under a microscope, some bubble-like structures can be seen within the cytoplasm of a cell. These are called vacuoles. These are spaces containing a fluid and enclosed by a membrane. In plant cells the vacuoles are usually large. But in animal cells, they are much smaller in size.