

## Spelling list: B1 Cells and Transport

Key terminology on cells and transport.

Cytoplasm	The material within a living cell, excluding the nucleus is called <b>cytoplasm</b> .
Nucleus	A chromosome is a thread-like structure of nucleic acids and protein found in the <b>nucleus</b> of most living cells, carrying genetic information in the form of genes.
Osmosis	The movement of water across cell membranes down a concentration gradient.
Chloroplast	Plant cells have green <b>chloroplast</b> .
Chlorophyll	<b>Chlorophyll</b> is the substance inside plant cells that turn sunlight into carbohydrates.
Ribosome	Where proteins are made in a cell.
Synthesis	The <b>synthesis</b> of organic compounds by bacteria or other living organisms typically in the absence of sunlight.
mitochondria	<b>Mitochondria</b> contain enzymes for energy production.
Vacuole	Plant cells contain a <b>vacuole</b> .
Palisade	The scientific term for a leaf cell.