B1—Cell Structure & Transport

Knowledge Organiser



Eukaryotic Cell—have genetic material in a nucle-

Prokaryotic cell—no nucleus.

Cell wall—Made of cellulose. Supports cell.

Cell Membrane—Controls movement in/out of

Ribosome—Makes protein by protein synthesis.

Nucleus—Controls activities of the cell. Contains

Vacuole—Sack filled with sap. Keeps cell rigid.

Cytoplasm—Liquid where most reactions hap-

Mitochondria—Perform respiration to release

Chloroplast—Green & full of chlorophyll.

Chlorophyll—Absorbs light for photosynthesis.