




Review B2.1 Cells and simple cell transport

<i>Can you...?</i>			
B2.1.1 Cells and cell structure			
State that all living things are made up of cells			
Identify, and describe the functions of, the following parts of human and animal cells: nucleus, cytoplasm, cell membrane, mitochondria and ribosomes.			
Identify, and describe the functions of, the following parts of plant and algal cells: chloroplasts and a permanent vacuole.			
Describe the main features of a bacterial cell, including the cytoplasm, cell membrane, cell wall and genes.			
Describe the main feature of a yeast cell, including the nucleus, cytoplasm, membrane and cell wall, and state that yeast is a single-celled fungus.			
Explain that cells may be specialised to carry out a particular function			
Relate the structure of different types of cell to their function			
B2.1.2 Dissolved substances			
Describe how dissolved substances can move in and out of cells			
Describe diffusion in terms of net movement of particles in gas or solution from an area of high concentration to an area of low concentration			
Relate the difference in concentration to the rate of diffusion			
State that dissolved substances must cross cell membranes to get into or out of cells			
Explain how oxygen required for respiration passes through cell membranes			