

Cells In Biology

KL: – to be able say what cells are, why they are needed and what the most common do.

Task One

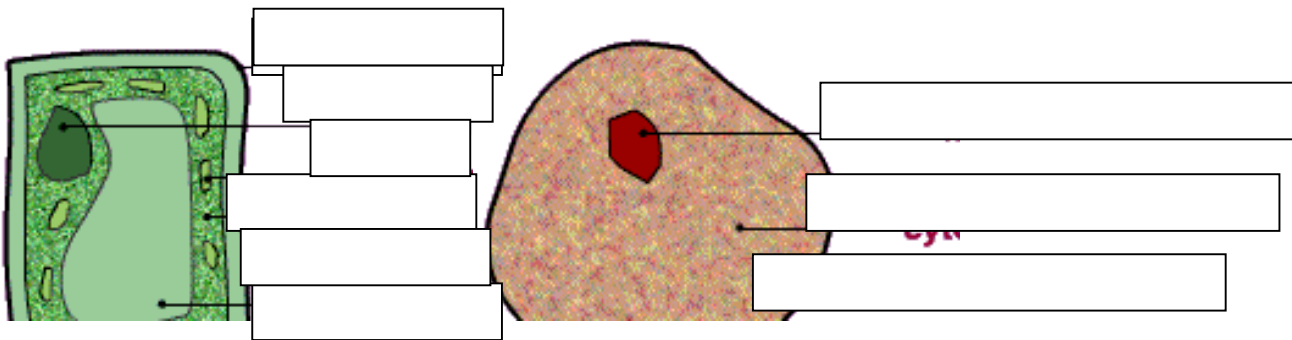
complete with the missing words.

Both animals and plants are made of cells. Cells form the basic _____ blocks for living things. Some _____ have special functions. Organisms need to organise their many **cells** to do particular jobs in order to survive. These common groups of cells are called _____. Different tissues then combine to _____ specialised **organs**. Animal and plant cells have similar features: they both have cell membranes (_____), cytoplasm and a nucleus. Animal and plant cells also differ as plant cells are surrounded by a _____ cell wall.

rigid form cells building **tissues** walls

Task Two

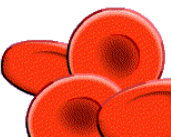


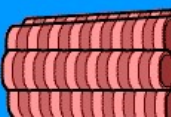
Label the animal and plant cell:



Use the text button to write in Paint. Once complete copy and paste the images back into Word.

Task Three - Animal cells

Match the following to the correct definition:

Type of animal cell	Specialised features
 <p>Red blood cell</p>	<ul style="list-style-type: none"> • Able to contract muscle fibres inside cell to change shape • Absorb sugar and oxygen from the bloodstream to produce energy
 <p>Nerve cell</p>	<ul style="list-style-type: none"> • Female egg - rich in cytoplasm • Sends electrical messages • Possesses a long connecting fibre
 <p>Reproductive cells - egg</p>	<ul style="list-style-type: none"> • Sends electrical messages • Possesses a long connecting fibre
 <p>Muscle cells</p>	<ul style="list-style-type: none"> • Adapted to carry oxygen • Large area of cell membrane