



## BIOLOGY

### Summer Work 2018

#### Structure of cell

1. Make a glossary of cell structures with all their meanings and put into a file.

You must include all the following words:

Eukaryotic

Prokaryotic

Endoplasmic reticulum (rough and smooth)

Golgi apparatus

Mitochondria

Ribosomes

Lysosomes

Chloroplasts

Plasma (cell surface) membrane

Centrioles

Cilia

Nucleus

Nuclear envelope

Nucleolus

Chromatin

Vacuole

Tonoplast

Plasmodesmata

2. Make a 3-D model of a generalised cell (plant or animal). This should incorporate all relevant organelles from your glossary. Include a key or labels to ensure key structures can be identified.

You must bring this to school for your first lesson in September.