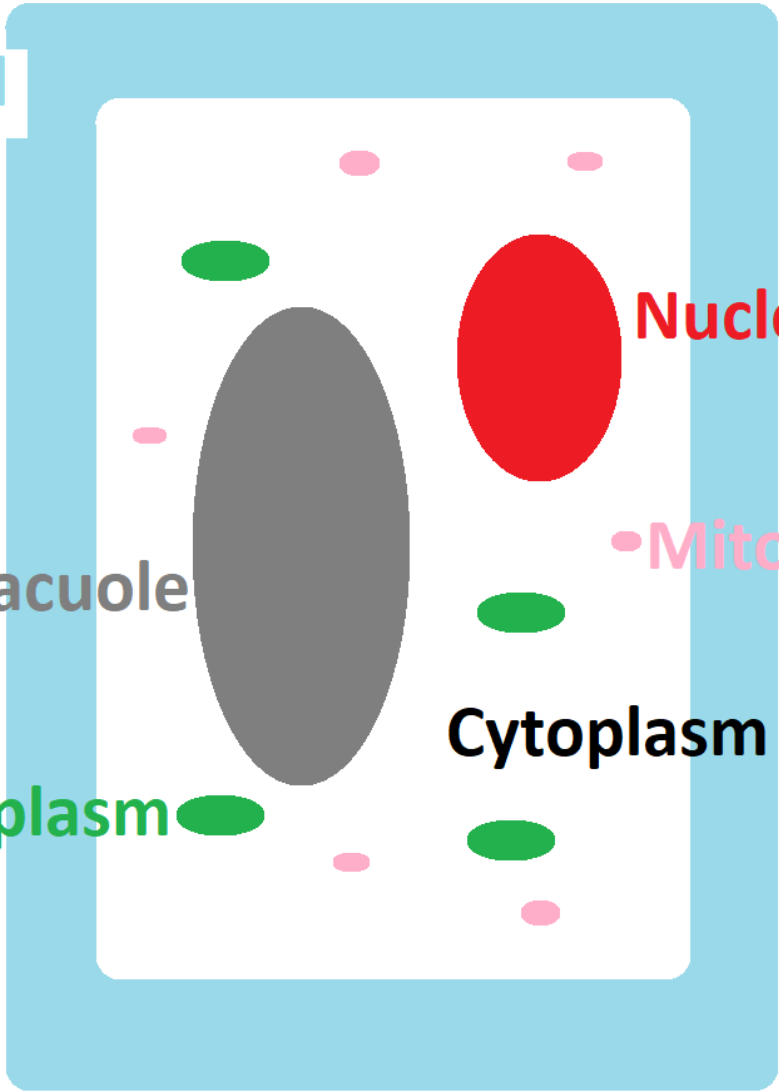


Plant Cell Model

- 1) Cut a piece of shiny paper into a rectangle with rounded corners.
- 2) Cut a sheet of white paper into a slightly smaller rectangle and stick it in the middle - now you can see the shiny 'cell wall' around the edge of your 'cytoplasm'.
- 3) Cut a large oval out of foil and stick that inside your 'cytoplasm' - that's the vacuole.
- 4) Cut a small circle out of coloured paper and stick that somewhere else inside your cytoplasm - that's the nucleus, the thinking part of the cell, with the DNA inside.
- 5) Cut out four or five tiny green ovals to be your chloroplasts - they're what make the plant green and where photosynthesis takes place.
- 6) Finally, cut six or seven really tiny ovals out of another colour paper and stick them around the cytoplasm - they're mitochondria - where respiration takes place.

Cell Wall



Nucleus

Vacuole

Mitochondria

Cytoplasm

Cytoplasm