

Define the following words:

- Gene
- Chromosome
- DNA
- Gametes
- Nucleus

How is differentiation in plant cells different to that in animal cells?

What is a stem cell?

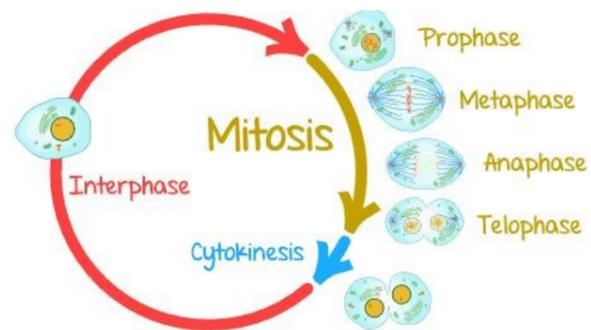
What are plant stem cells called and where are they found?

Why are embryonic cells favoured over adult stem cells for research and treatment?

B2 — Cell Division

Draw and label a plant cell:

What happens during the three stages of the cell cycle?



Draw and label an animal cell:

What are the disadvantages and problems with using embryonic stem cells?

What is the difference between a haploid and diploid cell?