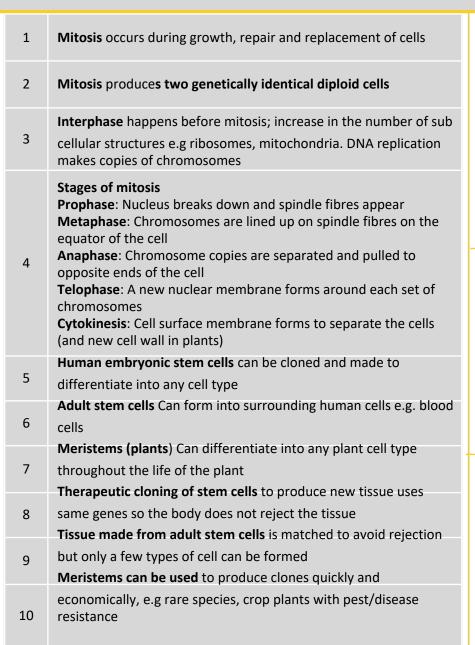
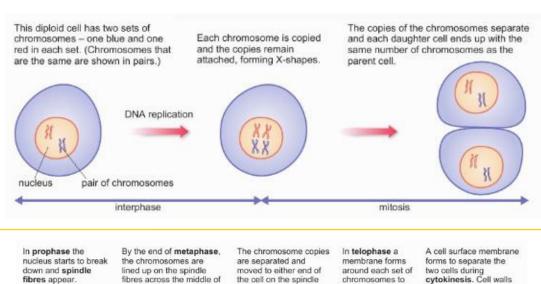
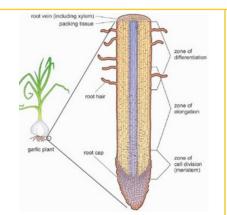
Knowledge Organiser: Biology, CB2a





fibres. This is anaphase.

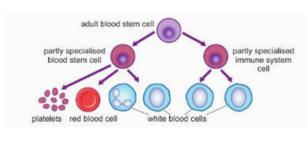
form nuclei.



spindle fibres

the cell.

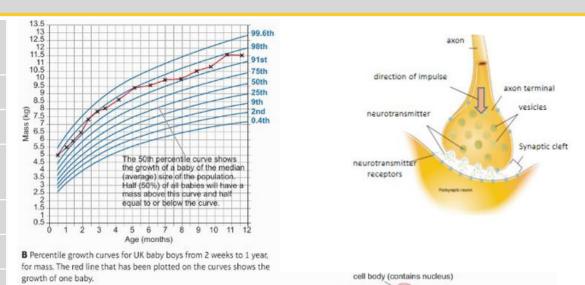
B the stages of mitosis



form in plant cells.

Knowledge Organiser: Biology, CB2b

1	Growth in plants-Cell division, differentiation and elongation (cells increase in length)
2	Growth in animals-cell division and differentiation
3	Percentile charts can be used to monitor growth
4	Information from receptors passes along neurones as electrical impulses to the central nervous system (CNS)
5	The CNS is the brain and spinal cord
6	Sensory receptors detect stimuli e.g pressure
7	Sensory neurones long axon carries impulse from receptor to spinal cord
8	Synapse-Gap where neurones meet. Chemical message using neurotransmitter
9	Relay neurone in CNS-Allows impulses to travel between sensory and motor neurone in the spinal cord
10	Motor neurone-Long axon carries impulse from receptor to effector
11	Effector-Muscle or gland that carries out a response.
12	Reflex actions are automatic and rapid; they do not involve the conscious part of the brain and protect humans from harm



Dendrites receive impulses

from receptor cells.

dendron

direction of impulse

axon

Axon terminals pass

impulses to other neurones.

