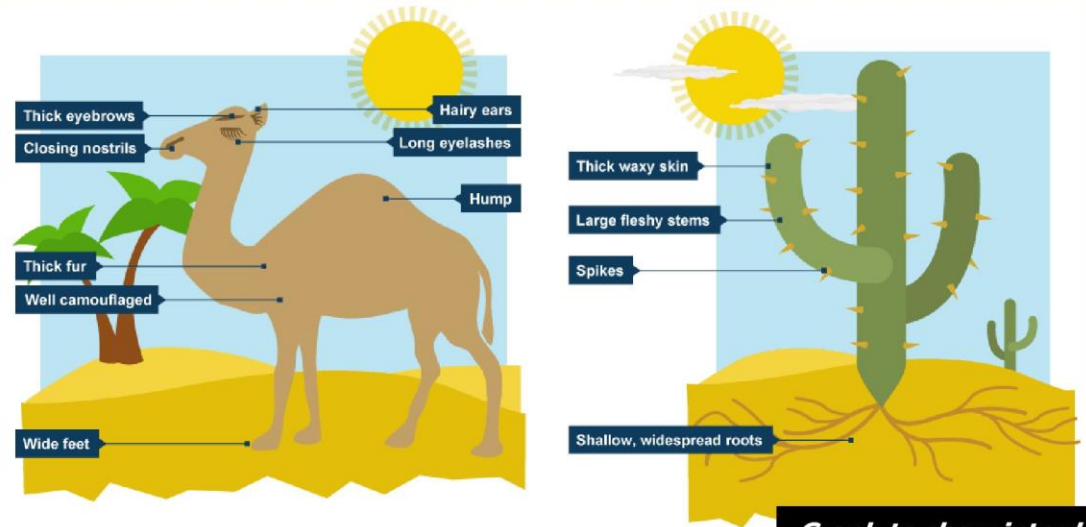


Section 1: Competition and Adaptation

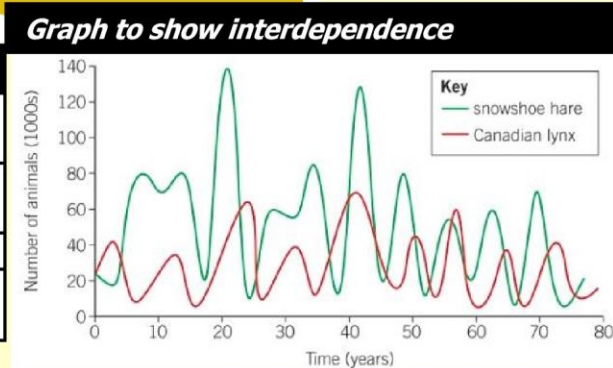
| Key word | Definition |
|---------------------------------|---|
| 1. Competition | Competing with other organisms for resources |
| 2. Adaptation | Characteristic that helps an organism to survive in its environment |
| | |
| 3. What do animals compete for? | Food, water, space, mates |
| 4. What do plants compete for? | Light, water, space, minerals |

5. How are animals and plants adapted for the desert:



Section 2: Adapting to change

| | |
|--------------------------------------|---|
| 6. How trees cope with the seasons | Grow rapidly in the spring but lose leaves in winter to save energy |
| 7. How animals cope with the seasons | Hibernation, migration, grow thicker fur |
| | |
| 8. Interdependence | The way in which living organisms depend on each other to survive |



Section 3: Variation

| Key word | Definition |
|-----------------------------|--|
| 9. Variation | Differences in characteristics within a species |
| 10. Species | Organisms that have lots of characteristics in common, and can mate to produce fertile offspring |
| 11. Inherited variation | Characteristics that have been inherited from parents e.g. eye colour |
| 12. Environmental variation | Variation caused by your surroundings and what happens to you e.g. dyed hair |

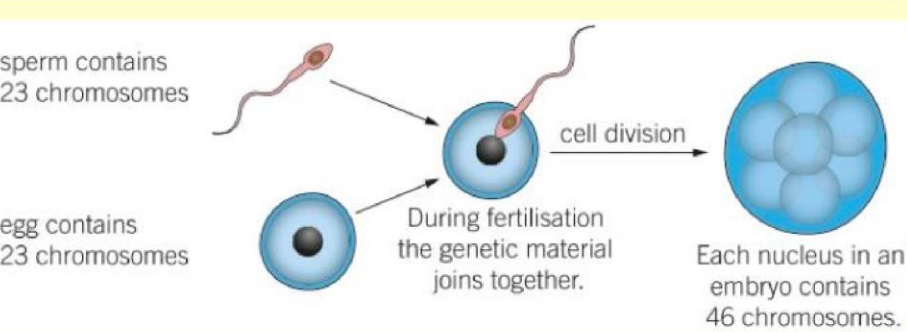
Section 4: continuous and discontinuous

| Key word | Definition |
|-----------------------------|---|
| 13. Continuous variation | Characteristic that can take any value within a range of values e.g. height |
| 14. Discontinuous variation | Characteristic that can only be a certain value e.g. blood type |

Section 5: Inheritance

| Key word | Definition |
|----------------|---|
| 15. DNA | Chemical that contains all the information needed to make an organism |
| 16. Chromosome | Long strand of DNA, which contains many genes |
| 17. Gene | Section of DNA that contains the information for a characteristic |

Half your genetic material comes from your mother and half comes from your father



Section 6: Natural Selection

| Key word | Definition |
|-----------------------|---|
| 18. Natural selection | Process by which organisms with the characteristics most suited to the environment survive and reproduce passing on their genes |

Section 7: Extinction

| Key word | Definition |
|------------------------------|---|
| 19. Extinct | When no more animals of a species are left in the world |
| | |
| 20. Causes of extinction | Environmental changes, destruction of habitat, disease, predation |
| 21. Prevention of extinction | Seed banks, tissue banks, cryobanks, pollen banks |