

AQA Biology GCSE

6.4 - Classification

Flashcards

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What are the classes of organisms as determined by Carl Linnaeus?



What are the classes of organisms as determined by Carl Linnaeus?

Kingdom, phylum, class, order, family, genus, species.



Which features are living creatures traditionally classified by?



Which features are living creatures traditionally classified by?

By their structure and characteristics.



What is the binomial system of naming organisms?



What is the binomial system of naming organisms?

Genus name followed by species name.



Why were new classification models proposed?



Why were new classification models proposed?

- Developments in microscopy allowed better examination of internal structures.
- Improvement in understanding of biochemical processes.



State the three domains.



State the three domains.

- Archaea
- Eukarya
- Bacteria



Which organisms belong in the domain
Archaea?



Which organisms belong in the domain Archaea?

Bacteria, usually living in extreme environments.



Which organisms belong in the domain
Bacteria?



Which organisms belong in the domain Bacteria?

Bacteria.



Which kingdoms belong in domain
Eukarya?



Which kingdoms belong in domain Eukarya?

- Plants
- Animals
- Fungi
- Protists



How are evolutionary trees created?



How are evolutionary trees created?

By examining the DNA of different species and analysing how similar the sequences are.

