

Science - Year 6

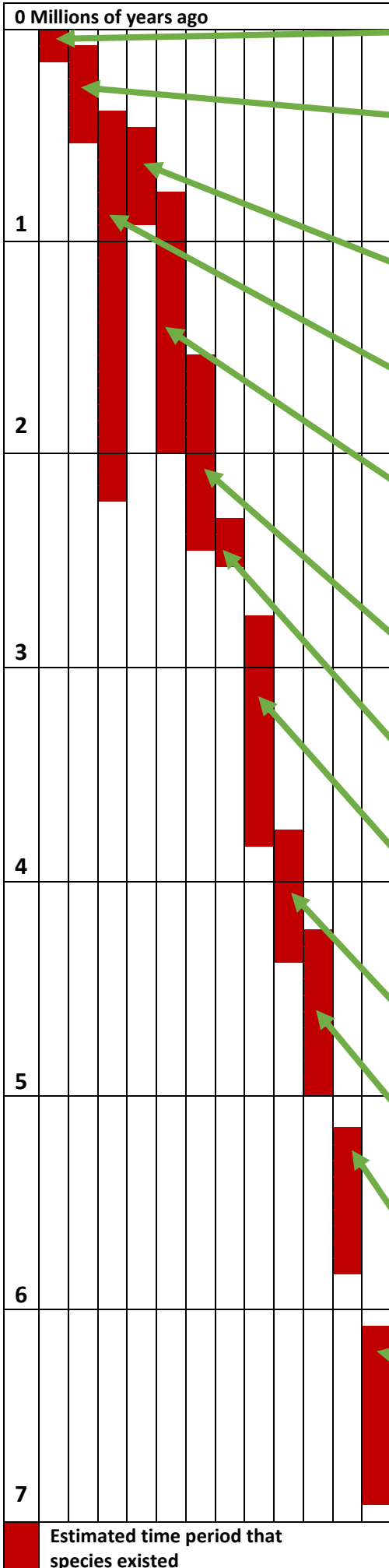
Evolution and Inheritance – Block 6EI

The Game of Survival

Session 5

Resource pack

Hominid evolution



Homo sapiens



Homo neanderthalensis

Stocky, adapted to cold
Tools, social structures, possible rudimentary language
Brain slightly larger than a human's



Homo heidelbergensis

Tools like those of *Homo erectus*
Found in Europe



***Homo erectus* (Java Man)**

Fairly modern human features
Brain 60-70% size of a human's



Homo ergaster

Small face and teeth
Brain 60% size of a human's
Advanced tools such as hand axes
May have used fire



Homo habilis

Brain 50% size of a human's
Primitive stone tools



Australopithecus africanus



***Australopithecus afarensis* (Lucy)**

Walked upright, 1.2-1.4m tall
Brain 35% size of a human's
No good at using tools



Australopithecus anamensis

Teeth adapted to eating tough food



Australopithecus ramidus

Primitive teeth
Probably walked upright



Ardipithecus ramidus kadabba



***Sahelanthropus tchadensis* (Toumai)**

Mix of chimp and human features
Brain similar size to a chimp's
May have walked upright

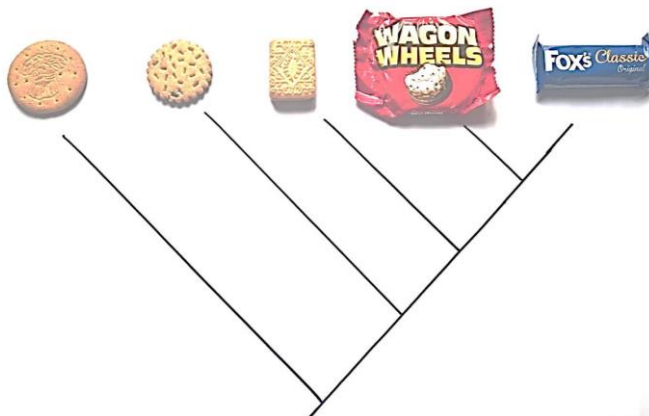


Biscuit evolution: cladogram

Five different biscuits:



Which are closely related?



What common 'ancestral' features appeared along the way?

