



Use this alongside our Walkthrough Guides to tick off the concepts you're confident with to plan your study and find areas of improvement!

Background and Hominin Evolution

- ☐ I can name the five groups of primates
- ☐ I can describe the types of species within each group
- ☐ I can describe what types of species are in the hominin group
- ☐ I can explain the difference between hominins and hominids
- ☐ I can explain the niche of *Homo habilis*
- ☐ I can explain the niche of *Homo erectus*
- ☐ I can explain the niche of *Homo neanderthalensis*
- ☐ I can define what genus and species humans belong to
- ☐ I can use the provided table to explain the time period in which different hominins lived
- ☐ I can use the table to explain the trends in brain size, tool culture and advancements
- ☐ I can explain what species **Lucy** was and the niche of this species

Bipedalism

- ☐ I can explain the difference between a biped and a quadruped
- ☐ I can discuss the **femur** differences between biped and a quadruped
- ☐ I can explain the selection pressures against being arboreal
- ☐ I can discuss the **foot** differences between a arboreal biped and a quadruped
- ☐ I can discuss the **skull** differences between a biped and a quadruped
- ☐ I can discuss the advantages and disadvantages of bipedalism
- ☐ I can discuss the **spine** differences between a biped and a quadruped
- ☐ I can discuss the **teeth and jaw** differences between a biped and a quadruped
- ☐ I can discuss the **pelvis** differences between a biped and a quadruped
- ☐ I can explain the difference in **brow ridge** between a human and an ape

Cultural Evolution

- ☐ I can define **cultural evolution**
- ☐ I can discuss the cultural evolution of tools
- ☐ I can discuss how **fire** allowed for *Homo erectus* to leave Africa
- ☐ I can discuss how the use of fire for light caused cultural evolution
- ☐ I can explain how **tools** could be improved by the use of fire
- ☐ I can discuss the advantages and disadvantages of **farming**
- ☐ I can explain the trends in hominin **intelligence**
- ☐ I can describe evidence for Neanderthal intelligence
- ☐ I can discuss the trends in hominin communication

Human Origin and Dispersal

- ☐ I can describe the two models of human origin and dispersal
- ☐ I can describe the three types of evidence used by scientists
- ☐ I can describe the idea of **dispersal**
- ☐ I can explain why early ancestors would've left Africa
- ☐ I can discuss the **Out of Africa** theory and the evidence to back it up
- ☐ I can explain the **Multiregional Theory** and provide the evidence to back it up
- ☐ I can discuss how mitochondrial DNA is used for evidence
- ☐ I can discuss how Y chromosome analysis is used for evidence