

Chapter 2? 9/8

Homo Erectus

Existed between 1.8 million- 70,000 years ago
“Upright Man”
Found as far away as Indonesia

Kabwe Skull

Homo heidelbergensis
Precursor to Homo sapiens in Africa and Neanderthals in Europe
Suggestions that late Homo erectus?

Teilhard de Chardin

Chardin was a French philosopher and Jesuit priest
Assisted in the creation of the Piltdown man

Oldowan Stone Tool Industry

Discovered in 1930's by Louis and Mary Leakey
The tools were found in the Olduvai Gorge, Tanzania
The earliest stone tools
Development could've began 2.6 million years ago

Acheulean Stone Tool Industry

A technique that is focused on the flaking of rocks
Development begun by 1.76 million years ago
Early sign of the emergence of social learning

Levallois Technique

Developed during the Acheulean Tool Industry
Evidence of complex thought process
Led to the production of spears

The sister hominids

Homo neanderthalensis and Homo denisovan

Out of Africa 600,000 years ago

Divergence of Neanderthals and Denisovans around 250,000 years ago

Family Mystery

-The mitochondrial genome of a 400,000 year old femur has an unexpected link with a group of hominins called Denisovans. One interpretation is that this could be their result of interbreeding between more ancient populations, such as Homo antecessor and Homo heidelbergensis

Esquelleu Cave, Cantabria Spain

300 dead Neanderthals in a cave

Spread of Sister Hominids

Denisovan went towards India and Australia

Neanderthal came from Middle East and went towards Denisova Cave in present day Russia

Homo heidelbergensis came from Northeast Africa and traveled through Middle East and all the way to present day Europe

Homo Denisovan

First discovered in Denisova Cave, Siberia, Russia

Skeletal remains have now been found from Siberia to Oceania

Possible routes of the first Americans

Land Bridge Theory

Pacific Coastal Route

Southeast Asia Route

Atlantic Coastal Model