Study Guide: Chapter 1

Creation stories: myths

Enuma-elish epic of Akkad pg. 5
Rigveda 1000 BC
Book of Genesis

18th century philosophers challenge bible story but lack the ability to comprehend evolution over millions of years.

{challenging authority of bible brought about the scientific method}

Charles Darwin and Alfred Russel-theory of evolution
1858-Darwin and Wallace Joint paper. 1855-Wallace evolution of man paper
 (Natural Selection\Survival of the fittest)
1856-Neanderthal skeletons
Homo erectus, Java man, Peking man
Louis and Mary Leakley-Hominids discovered in Africa.
Donald Johnson 1943 discovered Lucy
1970’s Richard Leakley found more bones of homo habilis whose brain is 650cc, opposable thumbs, upright walk

1970 Mary Leakley discovered ancient footprints walking side by side, they stopped and shifted and she interpreted this as the first sign of human doubt.

2001 in Chad. 6 to 7 million year old skull. “Toumai”-hope of life.
1967-8 Homo Sapiens fossil dated 75,000 to 115,000 years ago.

2 theories of how we evolved

“Multiregionalist” –candelabra theory-they evolved in all their separate areas, seperatley but simultaneously far back in history

“Out-of-Africa”-evolved only once and then migrated from there 100,000 years ago. Most scientists agree on this one.

\*all scientists agree that race has no significance.