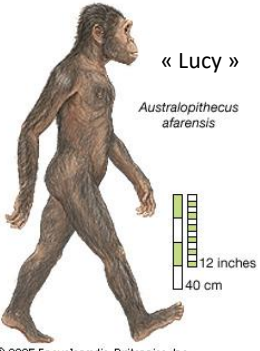
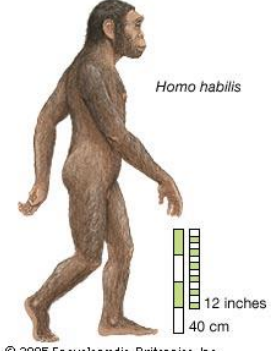

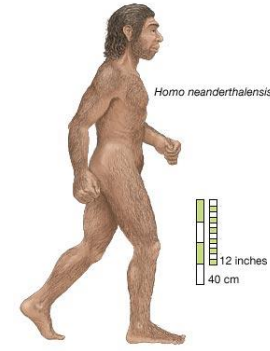

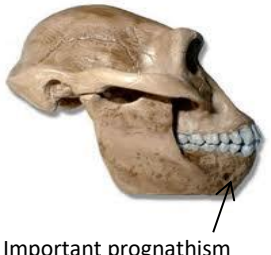
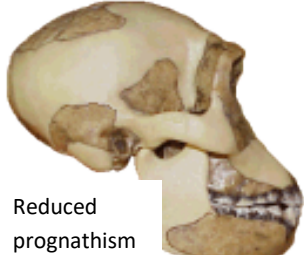
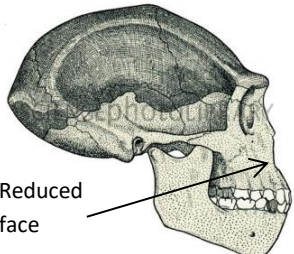




Human evolution

Pre human species

Species	Australopithecus (genus)	Homo habilis	Homo erectus	Homo neanderthalensis	Homo sapiens = Modern man
Body	 <p>« Lucy » <i>Australopithecus afarensis</i></p> <p>© 2005 Encyclopædia Britannica, Inc.</p>	 <p><i>Homo habilis</i></p> <p>© 2005 Encyclopædia Britannica, Inc.</p>	 <p>“upright man”</p>	 <p><i>Homo neanderthalensis</i></p> <p>© 2005 Encyclopædia Britannica, Inc.</p>	
Weight Height	Partial bipedalism 25 to 45 kg 1 to 1.5 m	Fully upright 30 to 50 kg 1.15 to 1.4 m	45 to 80 kg 1.5 to 1.7 m	Permanent bipedalism 70 to 90 kg 1.55 to 1.75 m	Permanent bipedalism 50 to 100 kg 1.55 to 1.75 m
Skull	 <p>Important prognathism</p>	 <p>Reduced prognathism</p>	 <p>Reduced face</p>		
Cranial capacity = Brain volume	350 to 550 cm ³	600 to 800 cm ³	900 to 1 200 cm ³	1 200 to 1 750 cm ³	1 100 to 1 200 cm ³
Tools	Use of tools (wood sticks, stones). Making of rudimentary tools.	“Handy man” Making of tools : e.g. river pebbles reshaped into tools (choppers – scrapers)	Tool user and tool maker: e.g. flat-edges flaked stones.	Stone tools: e.g. flint stones used to form tools with cutting edges (flints)	Master in the art of making tools and instruments from stone (e.g. flint), bone and ivory.
Art				Marks on animal bones?	ART : Cave paintings and rock engravings
Beliefs	No religion		No evidence for religion. Rituals? (cannibalism)	First creatures to make ceremonies : they bury their dead.	First creatures to use symbols : e.g. Venus figurines
Habitat	Africa: along the rift valley	East and south Africa	Europe and Asia (China - Indonesia)	Europe and Middle East	Worldwide Origin : Africa (“out-of-Africa” model)
Time	-4 to 1 million years ago (mya)	-2.5 to 1.3 mya	-1.8 mya to 200 000 years ago	-400 000 to 35 000 years ago	-200 000 years ago to today
Other facts	No language: only grunts	Rudimentary capacity for speech	Use and control of fire → first migrations out of Africa	Language: articulate speech Extinction ← competition with modern man	Language: articulate speech