**Hominid Evolution Guided Notes**

**Hominids:**

-Includes all \_\_\_\_\_\_\_\_\_\_\_ in the human lineage, both modern and \_\_\_\_\_\_\_\_\_\_\_\_\_. Hominids walk \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (bipedalism), have long lower limbs, thumbs that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and large \_\_\_\_\_\_\_\_\_\_\_\_. Hominid evolution started 6 million years ago.

**Australopithecus**

-Lived 4 million years ago. They had a \_\_\_\_\_\_\_\_\_\_\_\_ brain size than modern humans. Average height was 3-4 feet-they are one of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ hominids to ever live.

***Homo habilis***

-Lived 2.4-1.4 million years ago and is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ hominid to make \_\_\_\_\_\_\_\_\_ tools.

***Homo erectus***

-Lived 1.8 million to 300,000 years ago. They used tools, \_\_\_\_\_\_\_\_\_\_, ad were the first to live in groups. Fire allowed their food to be easier to \_\_\_\_\_\_\_\_\_, so over many years, the jaw size started to get \_\_\_\_\_\_\_\_\_\_\_\_\_.

***Homo neanderthalensis*** “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”

-Lived 200,000 to 30,000 years ago. Scientists found some evidence that they \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with humans. They were more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than previous hominids. Their \_\_\_\_\_\_\_\_\_ ridge was larger, their jaw size was \_\_\_\_\_\_\_\_\_\_\_\_\_ but their brains weren’t as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as ours.

**Modern Humans:** ***Homo sapiens***

-We \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from African apes, not \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. We arose about 100,000 years ago in what is now \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Modern humans have smaller \_\_\_\_\_\_\_\_\_\_, teeth, and a larger \_\_\_\_\_\_\_\_\_\_\_\_\_ that is more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than any other hominids brain.

**Fossil Record**

-The fossil record shows a trend toward \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ brain size, decrease in tooth size, and a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ facial angle going from extinct hominids to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ humans.