

SKULLS: Compare the skulls of humans, contemporary primates, and our hominid ancestors . . .

- Which species/groups have “sagittal crests”?

- What are they for? Why might it be that WE don't have them?

- What is the most striking difference in the teeth of the hominids compared to the other primates?

- Why might this change have taken place?

- How does the shape of the face (especially brow, jaw, chin) change across the hominid skulls?

- Can you detect a change in the frontal pole? From which species to which?

- What brain/skull features distinguish *Homo sapiens* from *Homo neanderthalensis*

- Describe the size, shape & placement of the hyoid bone.

- List the hominid species in the order of brain/skull size. (Include estimated brain size in cc's.)

Print Name _____ Sign Name _____ PID _____

TOOLS **Handle** these hominid stone tools, and imagine how you might **use** them out on the savannah . . .

- List an associated species and time (in MYA), and briefly describe key features of the stones, their manufacture, and use

- Oldowan

- Acheulian

- Mousterian

- Upper Paleolithic

- Contemporary

- What is the "Levallois Method", which species practiced it, and what might be its cognitive implications?

- List some possible cognitive implications for each transition from one culture to the next . . .

- Perishable to Oldowan

- Oldowan to Acheulian

- Acheulian to Mousterian

- Mousterian to Upper Paleo