

Comparative Anatomy Web-quest

1. Go to www.eskeletons.org
2. In each box draw a diagram of the bone listed and the view listed- identify any bones if directed to. You will then compare the bones in your analysis questions.

	Male Gorilla	Bird (your choice)	Your Choice (non primate)
Skull- Ventral View Identify- Frontal, temporal, and maxilla, mandible, zygomatic bones			
Arm Identify: Humerus Radius Ulna Carpals, Metacarpals Phalanges			
Femur			
Sacrum and Coxa (pelvis)			
Bone of your choice			

Analysis:

- 1. Compare and contrast the skulls (size, locations of landmarks, size of individual bones etc, teeth.) of a human, gorilla and your choice.**
- 2. What were the major differences in the other bones? (besides the obvious size difference)**

Conclusion 2-3 paragraphs:

- 3. Using any resources available to you.**
 - A. Explain why we see significant differences in the skeletons of humans and other apes and animals.**
 - B. How does the lifestyle and environment of the animal effect the shape of a skeleton? Be Specific.**
 - C. If a new ape was discovered the walked on two legs but still primarily lived in trees what would you expect their skeleton to look like?**