

# NATIONAL DINOSAUR MUSEUM

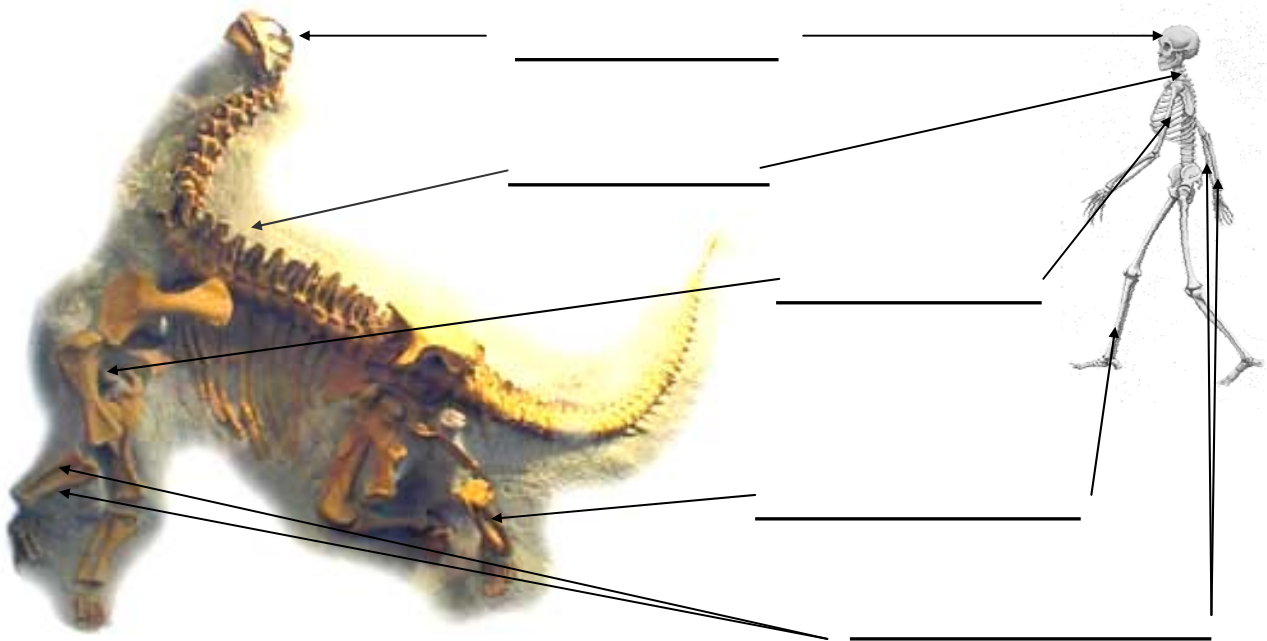
Senior Secondary Worksheet

Name: \_\_\_\_\_

1. Do you think dinosaurs were ectothermic or endothermic? Give at least 3 reasons for your answer. \_\_\_\_\_

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2. At first glance Humans and Sauropods look quite different, but they actually have a similar skeletal structure (as do all vertebrates). Name the bones indicated in the skeletons below.



3. The *Camarasaurus* skeleton above is one of the most complete ever found. What information can you get by simply observing this fossil?

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4. What was the climate like in Australia and Antarctica in the Cretaceous period?

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5. *Steropodon* is an ancient monotreme. Name 2 modern monotremes.

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What makes monotremes different from other mammals?

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6. Give examples of information that cannot be derived from fossils and explain why there is a limit to our knowledge in those areas.

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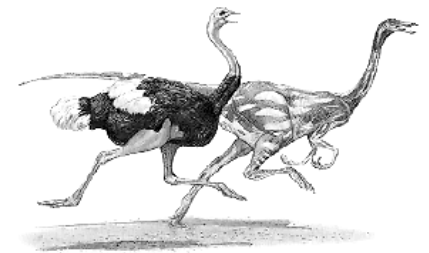
7. What features do ornithomimosaur share with ratites (modern flightless birds)?

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8. Describe the skeletal adaptations seen in *Deinonychus* and how these would have served them. Are they similar to modern birds?

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9. Propose a theory to explain the Cretaceous-Tertiary extinction, including why some animals and plants became extinct and others did not. Did dinosaurs really become extinct?

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10. Explain, in terms of parallel evolution, the similarities between Northern and Southern Hemisphere faunas during the Cainozoic.

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