

Pre AP Biology

Animal Characteristics

(8.7)

Animals

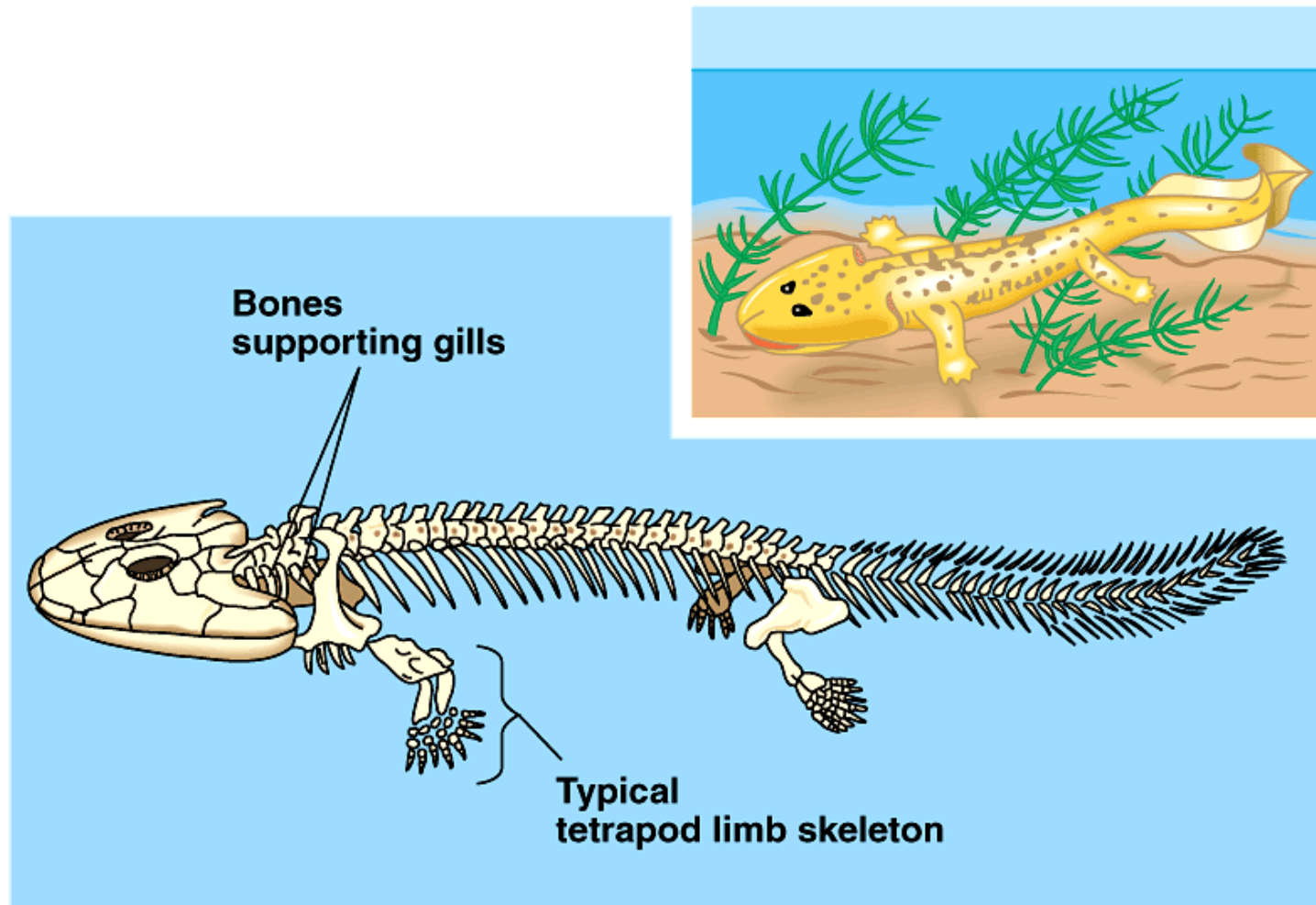


Early oceans (Pre-Cambrian times)



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Transition to land (Tiktaalik fossil)

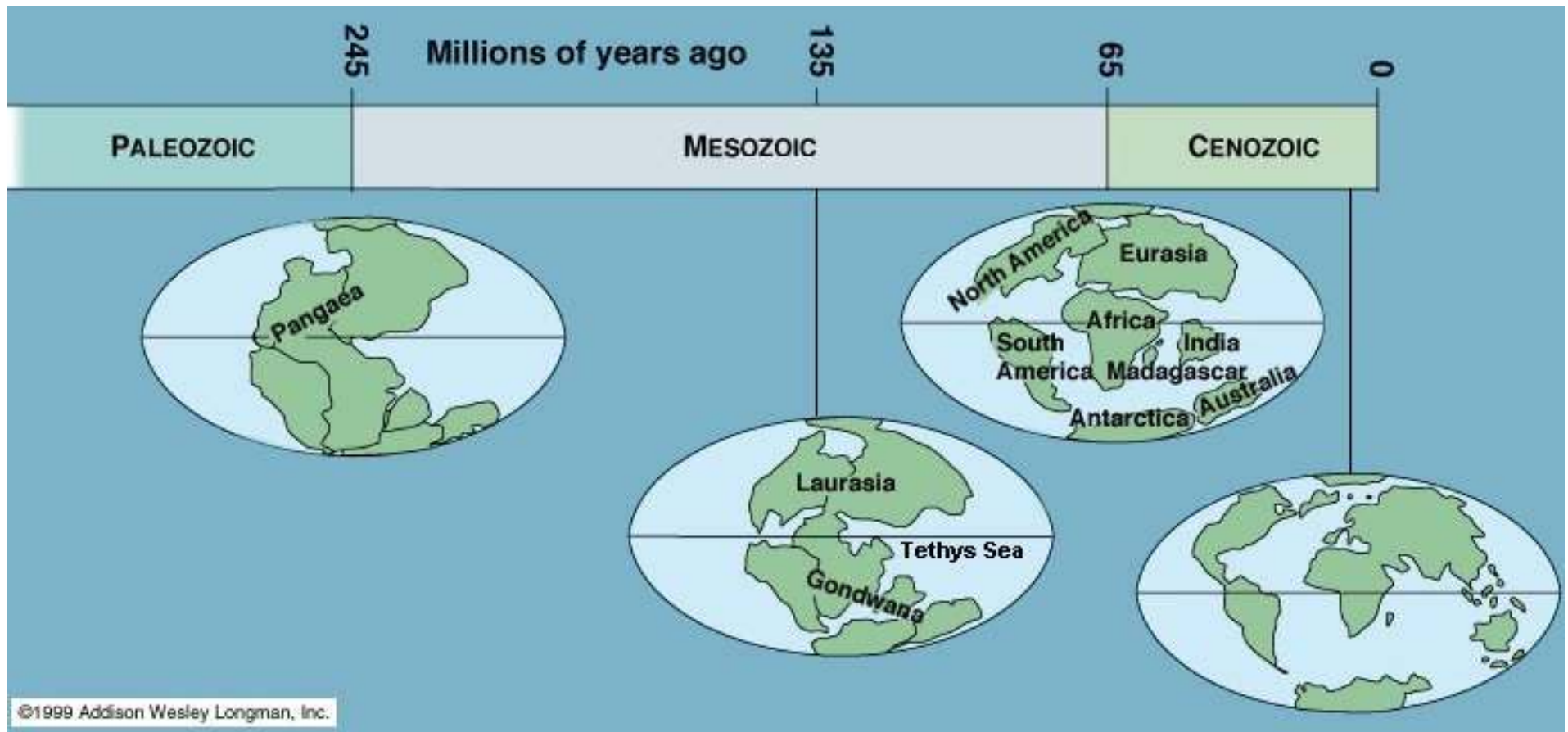


Coelocanth

(Walking fish that lives in the Indian ocean)



Pangaea separating

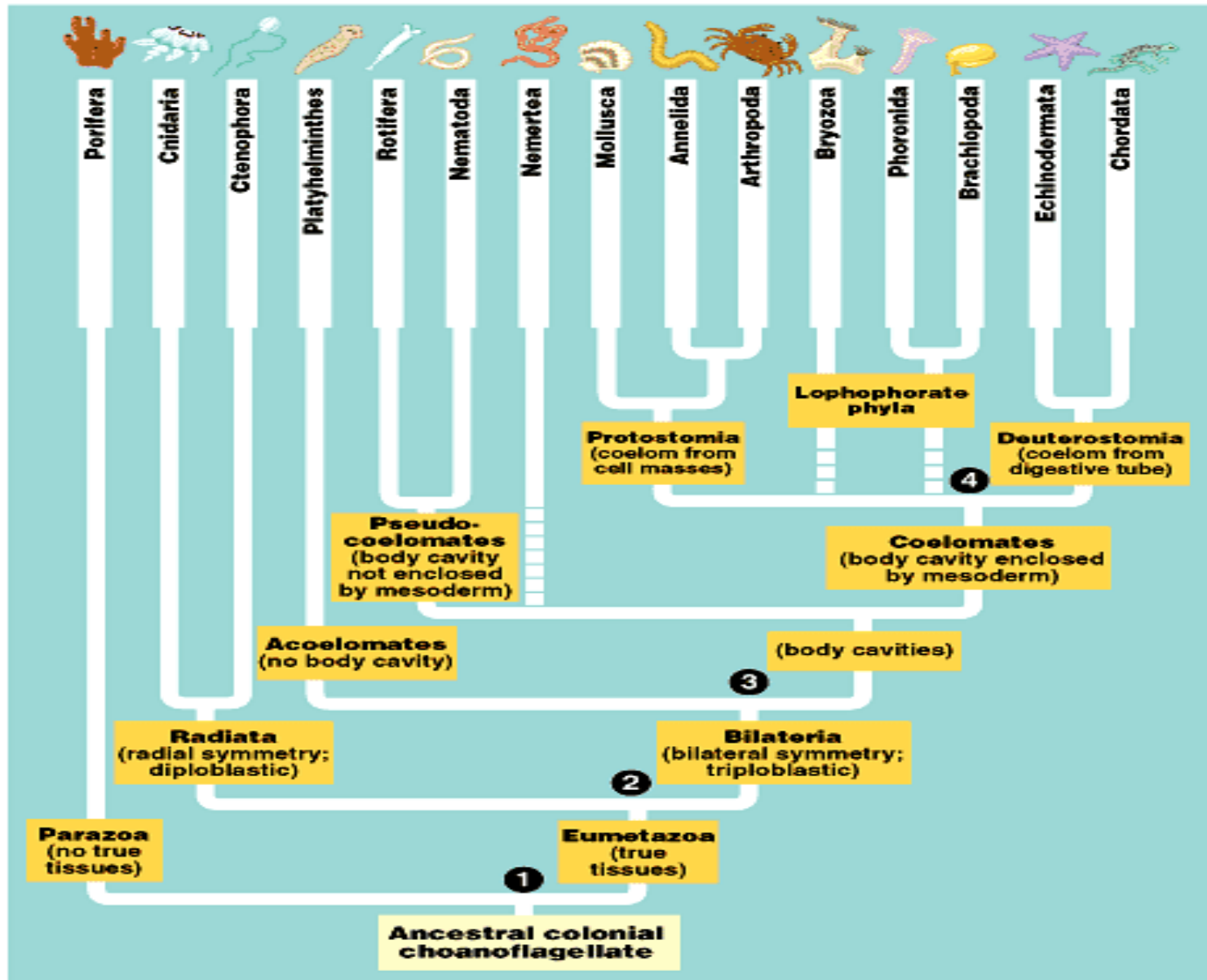


Asteroid causes the extinction of the dinosaurs.



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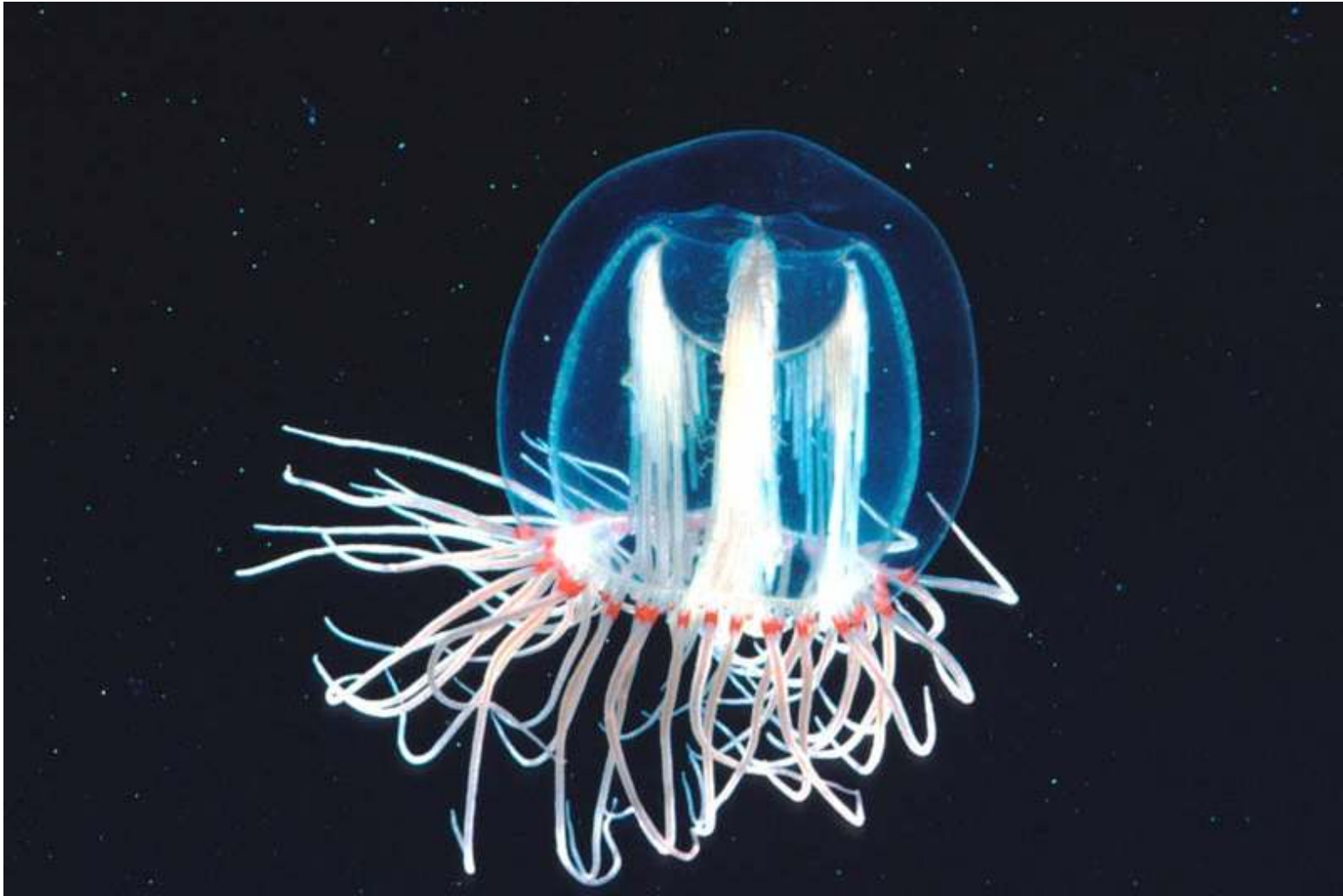
Animal Classification based on body structure



Parazoa - Sponges



Radial - Jellyfish



Bilateral



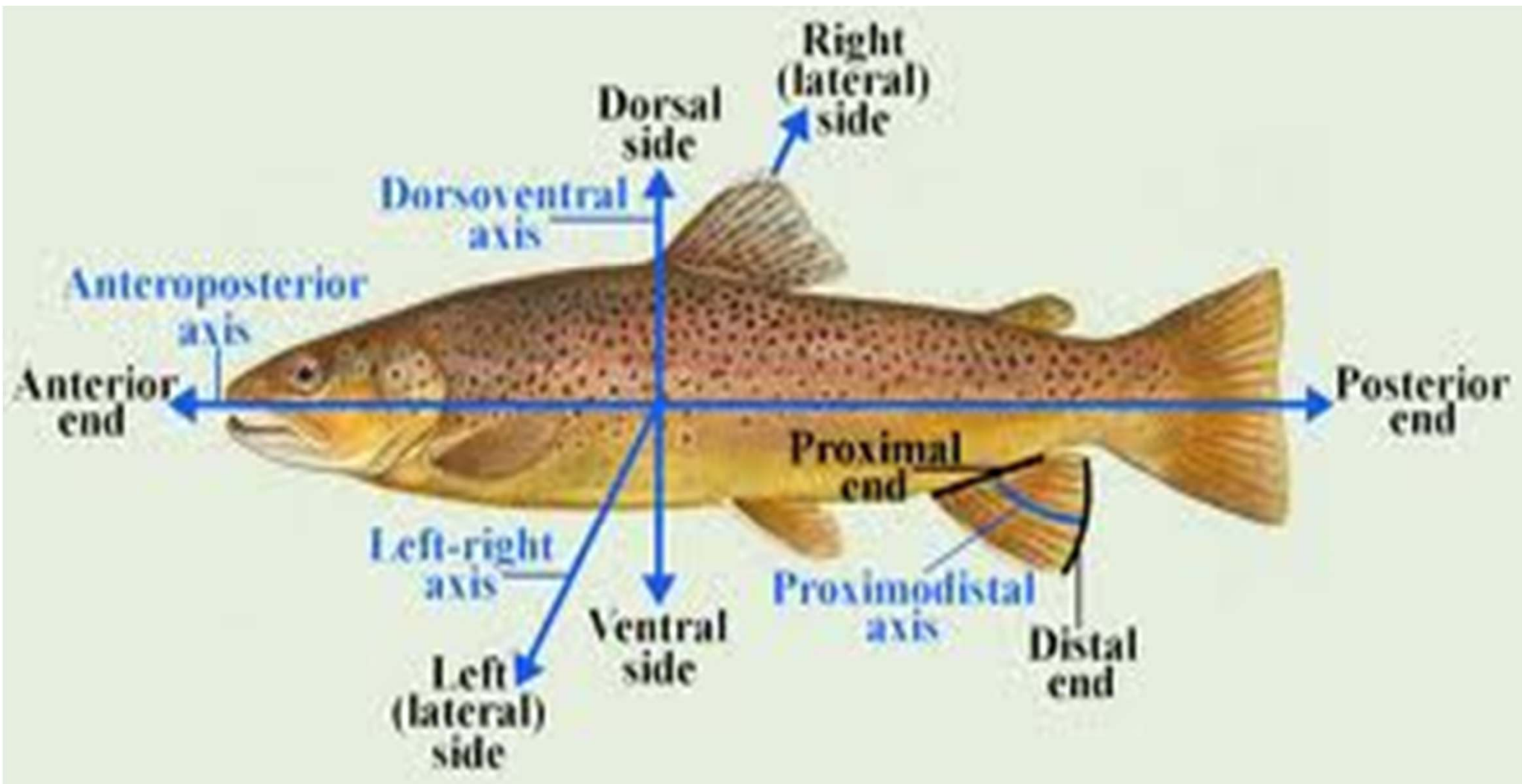
Dorsal (Top/back) of a Killer whale



Ventral – Bottom/belly



Anterior

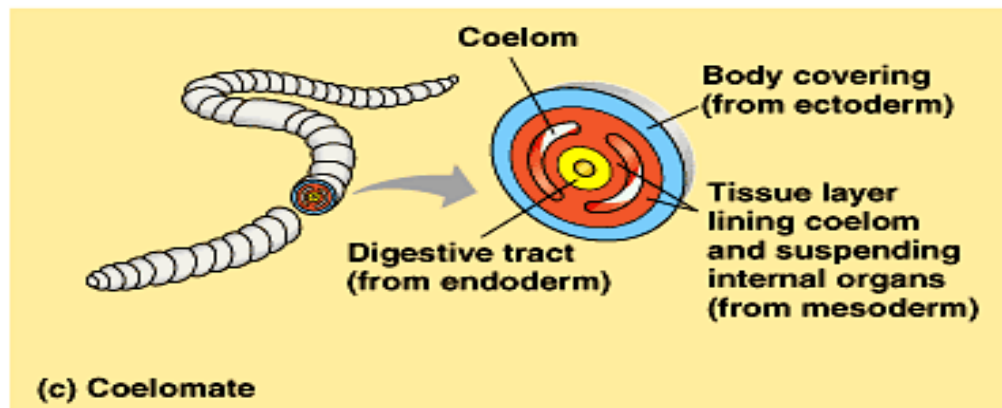
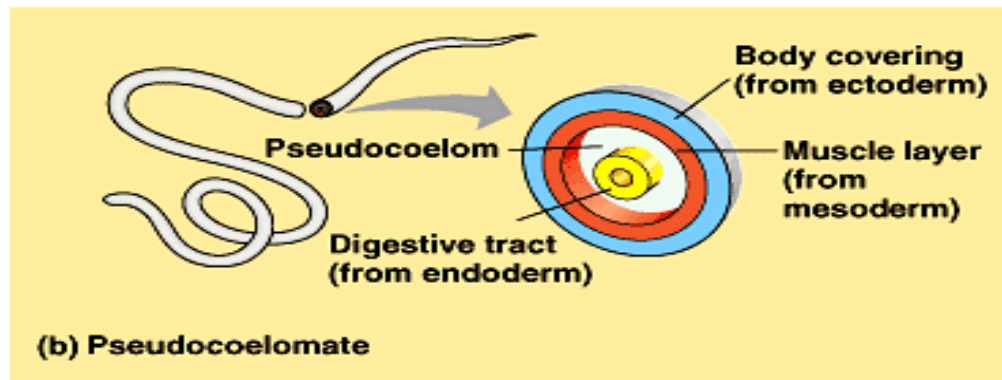
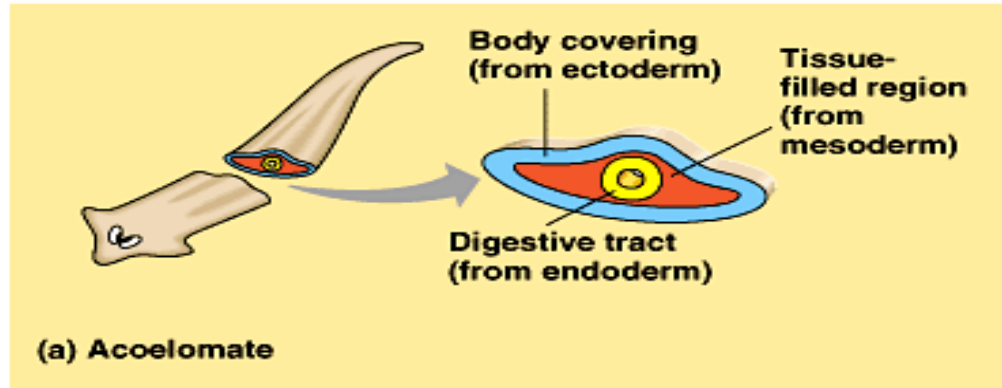


Cephalization in an Ant eater

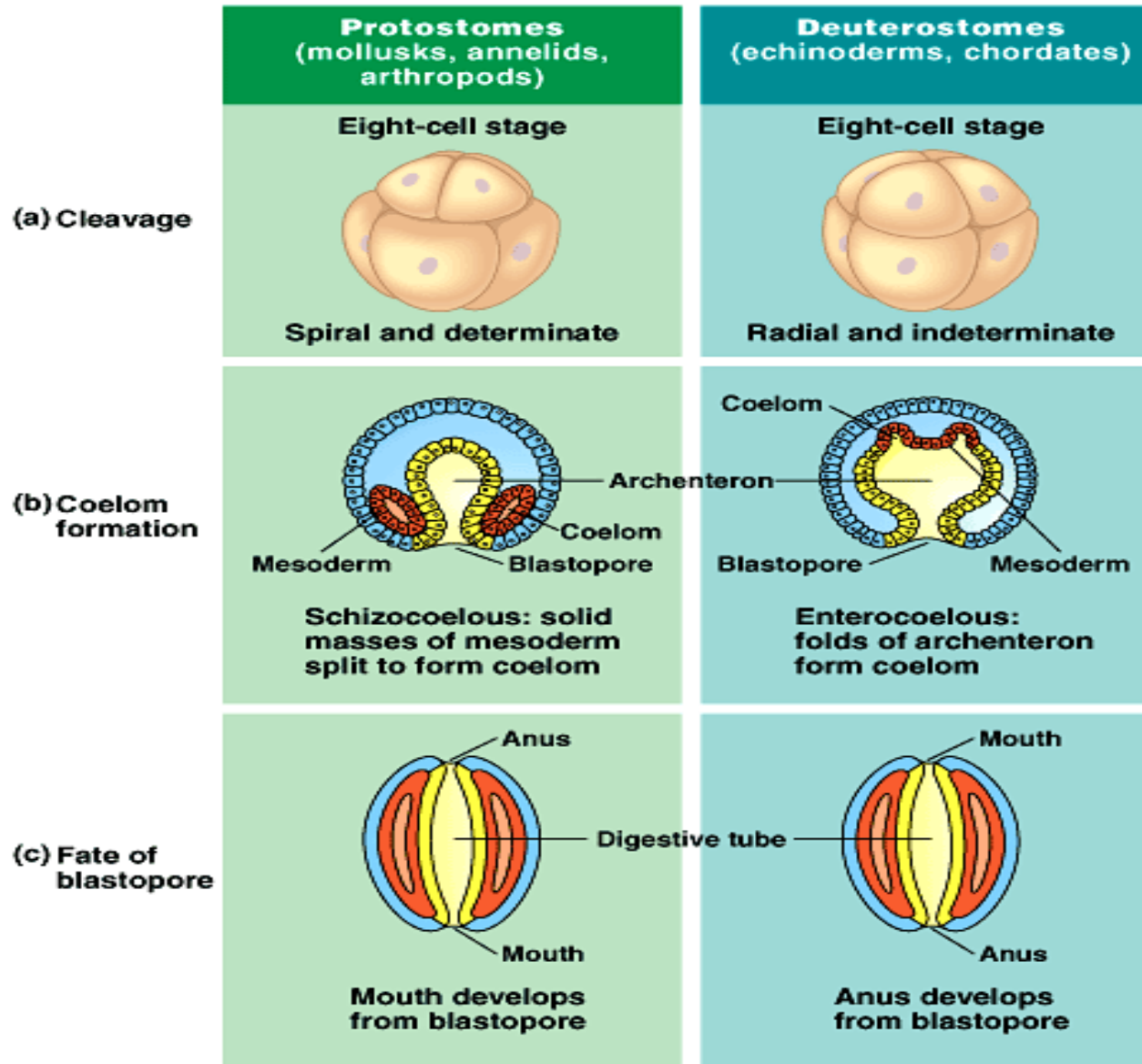
See all the sensory organs in the head area



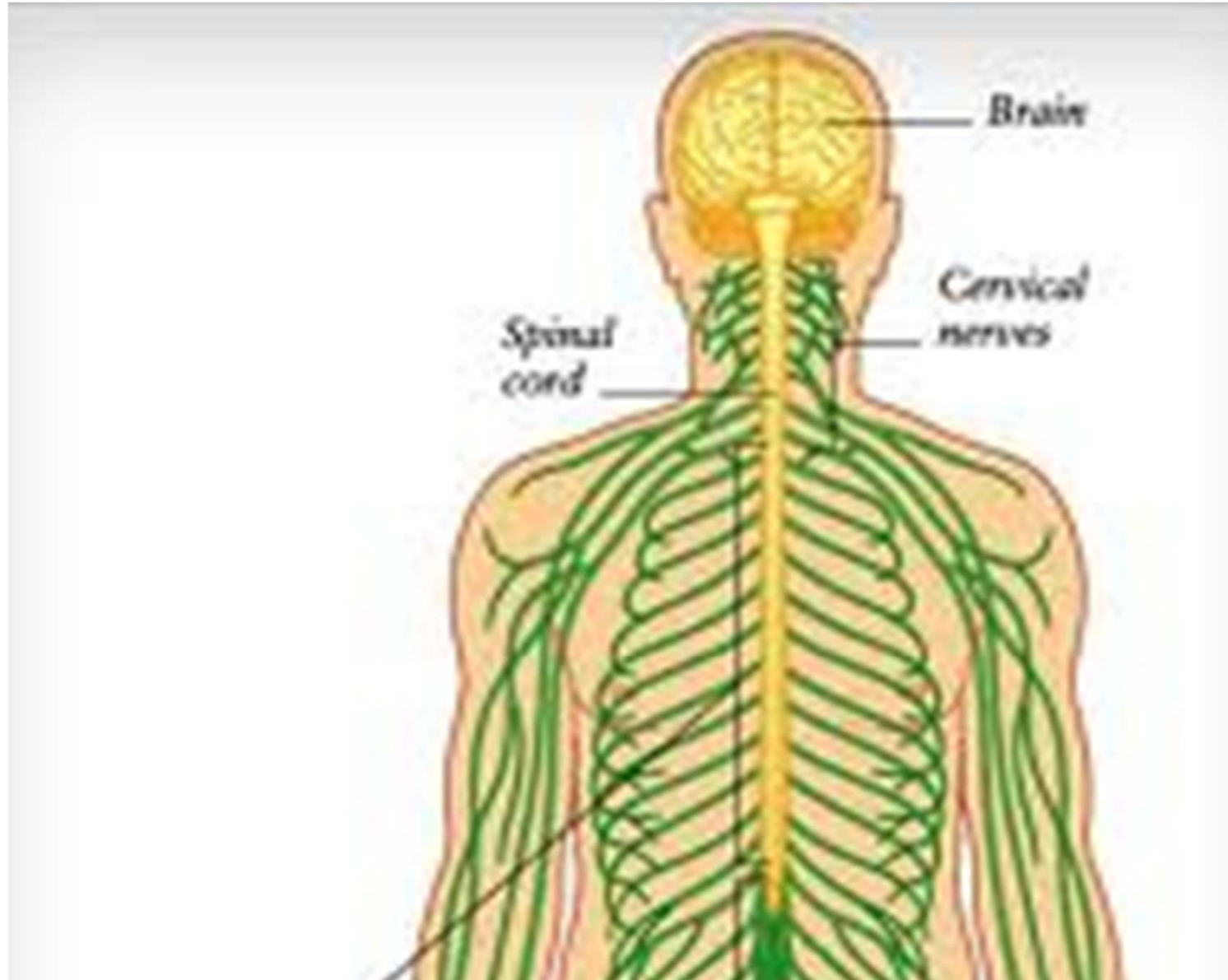
Coelom



Proto vs. Deutero



Nervous System – Detecting Stimulus and body control

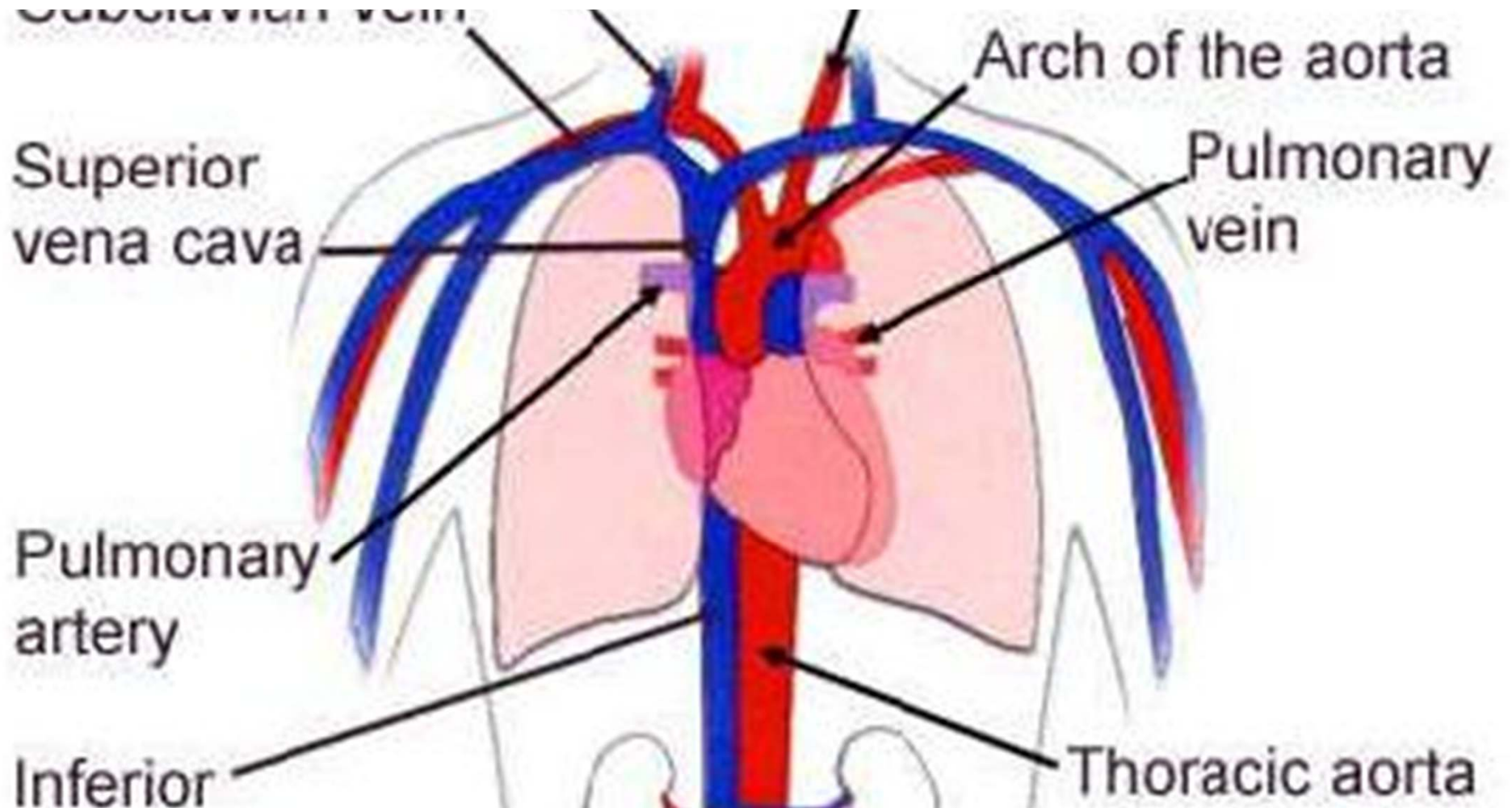


Muscular System - movement



Circulatory System

Moving O₂ and nutrients



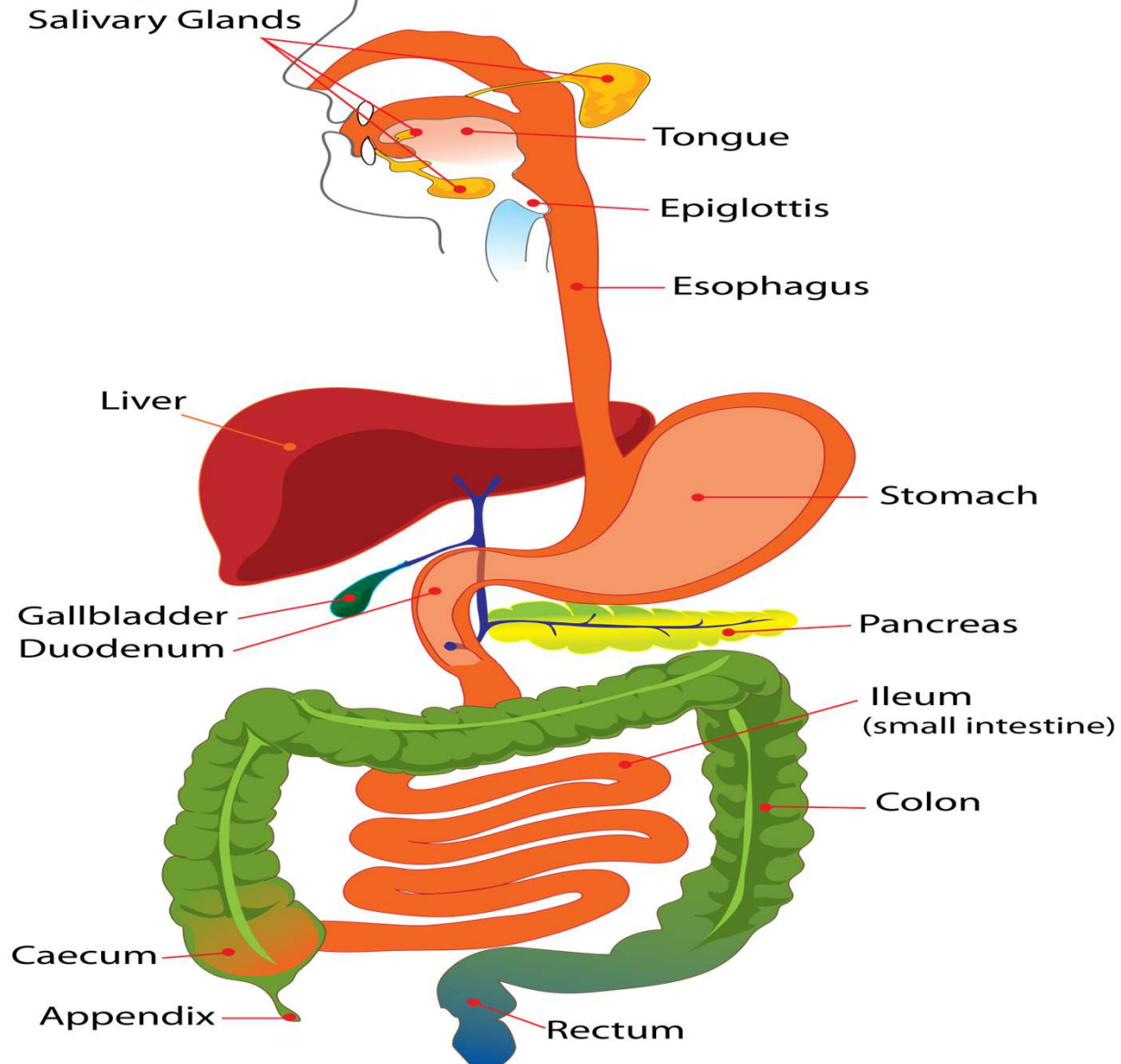
Respiratory System

Gas exchange with the environment



Digestive System

Digest and absorb food



Excretory System

Dispose of nitrogenous waste

