

Vertebrate Evolution

From Water to Land and Back Again

Format: You Choose - I WILL NOT STIFLE YOUR CREATIVITY!

Ideas: A time line, Prezi, video, stop motion, PPT, paper/essay, claymation, song etc.

Goal: To tell the evolutionary story of the vertebrate (technically craniates) lineage from water to land and back again.

To Include:

Who	What
Benchmark 1	
Hagfish Lamprays Sharks/Rays Ray Finned Fish Lobe Finned Fish Tiktaalic Lungfish	Vertebrae Jaws Skeleton Fin types Intermediate Forms Lungs Neck Feet/limbs
Benchmark 2	
Amphibians Ichthyostega	Amniotic Egg 4 Legs 3-chambered heart
Benchmark 3	
Odontochelys Reptiles	3.5 (septum)-chambered heart
Benchmark 4	
Morganucodon Mammals	Milk Hair 4-chambered heart
Benchmark 5	
Archaeopteryx (ar-kee-OP-tur-iks) Birds	Feathers Flight Lung – air sacs
Benchmark 6	
Complete Rough Draft	
Benchmark 7	
Complete FINAL Draft	

Due:
Weds/Thur of 1/25

Due:

Due:

Due:

Due:

Due:

Due:

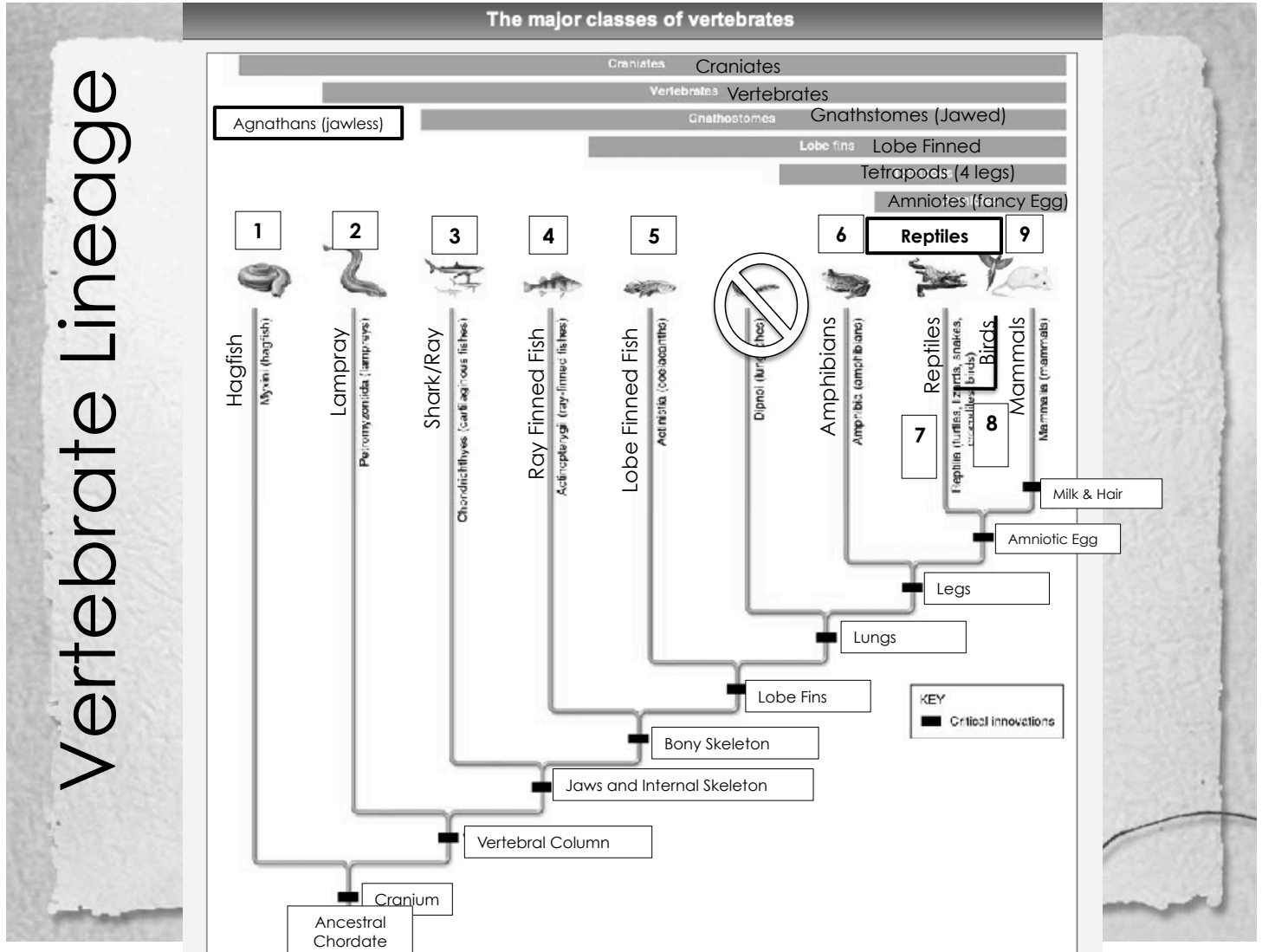
This is considered the bare minimum. *To get an A you need to go above and beyond these requirements.*

Completion of these items constitutes an 80%.

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