

Lesson – Evolution

THE FOLLOWING VIDEO HAS BEEN APPROVED FOR ALL AUDIENCES BY THE EARTH SCIENCE TEACHERS ASSOCIATION OF AMERICA, INC. THE VIDEO HAS BEEN RATED

I	INTELLIGENT
	UNDER 15 REQUIRES TEACHER ASSISTANCE
STRONG EARTH SCIENCE LANGUAGE, DETAILED DIAGRAMS, AND SUPER AWESOMENESS.	

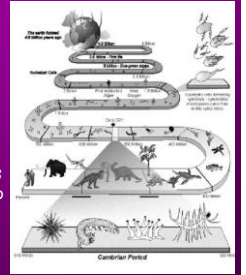
- I can explain the Theory of Organic Evolution
- I can state the order of life on Earth
- I can describe what happened to most of life on Earth

[The Big Bang](#)

Theory of Organic Evolution

- Fossil record shows a general trend in living things from simple to complex

Harriet Simpson's Evolution



- Earliest fossils = single celled organisms (bacteria, fungi, algae, & soft-bodied creatures)



Precambrian algae fossil



A scene from the Precambrian.

- Fossils became more abundant in Cambrian period & later (because nature invented the shell)



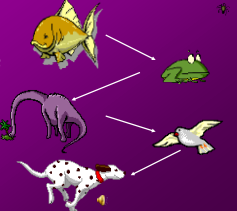
Scene from the Cambrian Period



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- Organisms appear in the following order:

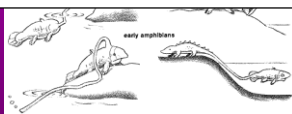
- Fish
- Amphibians
- Reptiles
- Birds
- Mammals



- Certain variations in organisms adapt better for survival in certain changing environments

- Example: Oceans became too full so some fish adapted to life on land (reptiles)

DON'T WRITE!



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- Most of the plants & animals that existed on earth are now extinct
- Each major era ends when there is a major change (mass extinction)

What mass extinction took place at the end of the Paleozoic? The Mesozoic?



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