Lesson –Geologic Time Scale

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

THE VIDEO HAS BEEN RATED

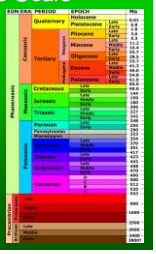
I	INTELIGENT
	UNDER 15 REQUIRES TEACHER ASSISTANCE
STRONG EARTH SCIENCE LANGUAGE, DETAILED DIAGRAMS, AND SUPER AWESOMENESS	

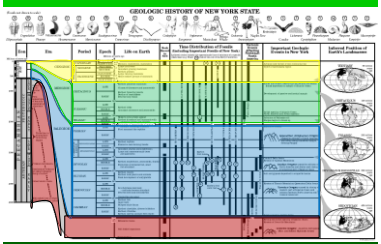
Open your ESRT to page 8-9.

- I can read the Geologic History of NYS chart in the ESRT
- I can describe the different Eon & Era's
- I remember how to use the Generalized Bedrock of NYS map in the ESRT

Geologic Time Scale

- Broken into 4 main sections by similarities.
  - Eon
  - Era
  - Period
  - Epoch





- I can read the Geologic History of NYS chart in the ESRT
- I can describe important events that occurred in the different Eon & Era's
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<u>Precambrian Eon</u>:

- Longest eon
- Makes up 88% of all geologic time
- Started with formation of the earth & ended 540 million years ago

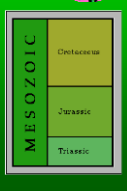
<u>Paleozoic Era</u>:

- Development of life in the oceans
- Early insects & first reptiles
- Pangaea formed

Some dragonflies had the wingspan of eagles

<u>Mesozoic Era</u>:

- The "age of reptiles"
  - Most common the dinosaur
- Pangaea broke up
- 1st mammals arrived
- 1st flowering plant



Cenozoic Era:

- Dino's became extinct but mammals flourished
  - "Age of Mammals"
- Continents moved to present location
  - Alps & Himalayas formed

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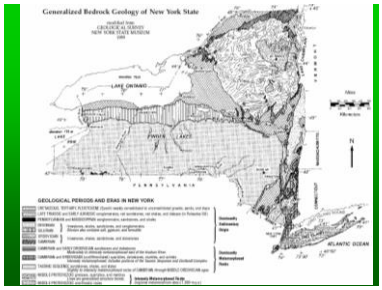

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