



It's About Time!

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Description: "It's about time!" Students in eighth grade Earth Science will develop a timeline sequencing the history of the Earth using adding machine tape, with emphasis placed on critical events, living species and use of the metric system. Students will measure and label the historical eras using the formula one millimeter (1 mm) equivalent to one million years (1 ma). Students will research the history indicating important events throughout by using pictures representing the events.

Objective/Goals: This timeline will help students understand how large certain eras were and how insignificant present day is in comparison to Earth's overall history and provide a foundation for the introduction to Iowa Geology. This will also reinforce student's ability to use the metric system, sequence main events and introduce them to Earth's living past.

Implementation: "It's about time!" will be used as an introduction to Geology. Emphasis will later be focused on Iowa in particular.

Evaluation: Students will be evaluated using a rubric based on the use of the metric system, inclusion of important eras, events and living organisms.