

This Week in Science: # 27

Name:

Dates:

"It is doubtful whether, in the absence of fossils, the idea of evolution would represent anything more than an outrageous hypothesis....The fossil record and only the fossil record provides direct evidence of major sequential changes in the Earth's biota."

S. M. Stanley, Johns Hopkins Univ.

Terms: Fossil, Geologic time scale

Monday:

Activity: Finish "Raising the Mammoth" video

Learning Target: I will answer the provided questions and be exposed to some of the challenges scientific research presents.

Conceptual Question: See provided handout

What's Due: Nothing

Tuesday:

Activity: Lesson 90: Figuring Out Fossils

Learning Target: I can make observations and inferences about fossils and infer features, behaviors and relationships among organisms.

Conceptual Question: What can these fossils tell you about the past?

What's Due: Video notes

Wednesday:

Activity: Silent reading and begin Lesson 91: Fossilized Footprints

Learning Target: I can use fossil evidence to formulate a hypothesis about the events that unfolded during the activity.

Conceptual Question: What is your hypothesis about the events in the 3 cards?

What's Due: Lesson 90

Thursday:

Activity: Finish Lesson 91: Fossilized Footprints and begin Lesson 92: Time for Change

Learning Target: I can develop a time line to show the relative occurrence of various events

Conceptual Question: How long have organisms been living on Earth?

What's Due: Lesson 91

Friday:

Activity: Finish Lesson 92: Time for Change

Learning Target: I can develop a time line to show the relative occurrence of various events

Conceptual Question: What does your time line tell you?

What's Due: Nothing, but finish Lesson 92 to be turned in Monday

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Answers to Conceptual Questions:

Monday:

Tuesday:

Wednesday:

Thursday:

Friday: