

# Geologic Time Football Field Answer Key

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Geologic Time Football Field Answer It is based on a combination of radiometric and relative dating. For this assignment, we will be using a modified Geologic Time Scale in your textbook, a time scale worksheet and a 100-yard football field to look at Earth time. In the Geologic Time Scale, the largest periods of time are the Eons and they are subdivided into Eras. Next, the Eras are subdivided into periods and then, for more recent dates, Epochs. Assignment 1. Read about the geologic time scale in Chapter 11, section 11.7. Solved: Geologic Time Scale: Football Field Analogy Direct ... Geologic Time Football Field Analogy 1. Use the geologic time scale to the right to find the missing dates and fill in the blanks under the Approximate Age column in the data table below. Be careful to mark down when that event began, not when it ended. 2. Next, calculate the corresponding distance on a football field that each event represents and fill Geologic Time Football Field Analogy - BIOLOGY PAGE Created Date: 3/31/2015 12:30:01 PM sjutsscience.weebly.com Created Date: 4/10/2017 10:50:17 AM Mrs. Sjuts' Science Site - Home  $x = 1.74$  yards from the Current Time End Zone NOTE: Your calculation should be to three significant figures and plotted on the Football Field provided. When you plot the point on your football field, keep in mind that most recent time is at 0 yards and the Beginning of Earth Time is at 4.6 billion (4600 million) years at 100 yards. Football Field Analog Worksheet.docx - Geologic Time Scale ... Geologic Time Scale: Football Field Analogy Directions Introduction Earth's history can be

hard to comprehend, especially when we are looking at the scale of time from the very first formation of our planet to our lives today. As humans, we have a different sense of time in that we tend to think in terms of human lives. For example, just take the birth date of a relative, such as your great ... Geologic Time Scale Directions.docx - Geologic Time Scale ... ★ Help us make Skunk Bear better by completing this survey: <https://www.npr.org/skunkbearsurvey> ★ We use the yard lines to map out our planet's past (and hum... Earth's Entire History (Visualized On A Football Field ... Geologic Time Football Field (included) Pen or Pencil Pen or pencil Calculator Introduction Activity 1: Sometimes geologists want to know about an event that occurred before humans were around to record it. They have evidence of when the event occurred by looking at rocks, which contain fossils and other information. To keep all of the events in order, geologists have created the geologic time scale. The geologic time scale is divided into 3 eons, and each eon is subdivided into eras. from the Texas Memorial Museum Compare geologic time to the length of a football field, which is 100 yards long. Earth formed about 4.6 That's 4,600,000,000! years, and each ten yard section equals 460,000,000 years. Earth Floor: Geologic Time The length of a football field is 100 yards. When you compare geologic time (4.6 billion years) to the length of a football field, you will find that each yard on the field will equal 46 million... PLEASE HELP I NEED THIS RIGHT AWAY - Yahoo Answers Each yard on the football field would technically equal 46 million years. So, set 4600 million ago as the "0" yard mark, and each subsequent yard equaling 46 million

years of elapsed time. Step 2: Using a different color, draw a line across the football field for the beginning of each eon at the appropriate yard line. Geo-Timescale Activity #3 - Geological Time On A ... Next, calculate the corresponding distance on a football field that each event represents and fill in the blanks under the Distance category. For this activity, 1 yard = 50 million years. Mark the events on the Geologic Time Football Field. One end zone is labeled "TODAY" and the other is "BEFORE EARTH." Understanding Geologic Time Geologic Time Activity Worksheet To find at what distance along the football field, for example, the "first oxygen" yard mark would be, you would set up the ratio shown below: Known first oxygen ( $2.01 \times 10^9$  years) Known age of the Earth ( $4.6 \times 10^9$  years ago) Geologic Time Scale Analogy | Earth Science Week Name Geologic Time Scale Football Field Analogy Lab Calculate the corresponding distance on a football field that each event represents and fill in the blanks under the Distance category. For this activity, 1 yard = 50 million years. Mark the events on the Geologic Time Football Field. One end zone is labeled "TODAY" and the other is "BEFORE EARTH. Welcome to Ms. Cavens' Science Website! - Home Getting Started Understanding Geologic Time is an informational tour in which students gain a basic understanding of geologic time, the evidence for events in Earth's history, relative and absolute dating techniques, and the significance of the Geologic Time Scale. Time Requirements. Teacher Preparation: 45-60 minutes to review the Teacher's Guide and Tour Geologic Time Teacher's Guide Football Field Key: 1 Yard = 46,000,000 Years This is the football field comparing

the yards to the time periods and significant events. Our Comparison What is A Geologic Time Scale? We are going to compare the time periods of the geologic time scale to the yards of a football Geologic Time Scale Project by Matt B. on Prezi The geologic time scale is a record of the major events and diversity of life forms present in Earth's history. The geologic time scale began when Earth was formed and goes on until the present. ... What if Geologic Time was the span of a football field? Notice that the majority of Earth's biodiversity existed within the last 15 yards! Geologic Time - 8TH GRADE SCIENCE Learners construct a geologic timeline the size of a football field. They work in small groups to calculate the yardage for significant events in the Earth's history and then as a class pace out all of the events. Get Free Access See Review Geologic Time Scale Lesson Plans & Worksheets | Lesson Planet Making The Geologic Time Scale Real For Teachers 6th - 10th Students construct a geologic timeline the size of a football field. They work in small groups to calculate the yardage for significant events in the Earth's history and then as a class pace out all of the events.

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