

Education and Outreach

1. Existing Educational Resources for Geosciences and Geological Time

1.1. Digital Library for Earth System Education

DLESE

1.2. Understanding Geologic Time

History and development of the Geologic Timescale Why is it needed? University of California, Berkeley Museum of Paleontology

GEOTIME a Smithsonian Institution's web resource on geologic time

EarthNet Virtual Resource Centre for Earth Science Educators- Geological Survey of Canada Atlantic (Grades K-4)

Life has a History Museum of Paleontology, University of California, Berkeley (Grades K-12)

Geologic Time Scale Enchanted Learning (Grades K-12)

Earth Floor - Geologic Time Classroom of the Future, Wheeling Jesuit University (Grades 3-8)

Who's on First: A Relative Dating Activity Museum of Paleontology, University of California, Berkeley (Grades 6-12)

Sequencing Time Museum of Paleontology, University of California, Berkeley (Grades 6-8)

The Essential Guide to Rocks - Interactive Time Line and animations British Broadcasting Corporation (Grades 6-12)

How do Trees Record Time? TERC (Grades 6-14)

How has Life Changed over Geologic Time? TERC (Grades 6-14)

Where and when did Dinosaurs live? TERC (Grades 6-14)

What caused the mass extinction that is recorded at the K/T boundary? TERC (Grades 6-14)

Understanding Geologic Time University of California, Berkeley Museum of Paleontology (Grades 6-18)

Relative dating in Archaeology Smithsonian Institution (Grades 9-12)

Radioactive decay College of Mines and Earth Sciences, University of Utah (Grades 9-16)

Virtual Dating California State University at Los Angeles (Grades 9-16)

Dating techniques for archaeological materials Minnesota State University, Mankato (Grades 13-16)

1.3. Stratigraphy Exercises

Sequence Stratigraphy (Grades 6-12)

Sequence Stratigraphy (Grades 13 and up) University of South Carolina Department of Geology

Chronostratigraphy (Grades 6-12)

Chronostratigraphy (Grades 13 and up) University of South Carolina Department of Geology

Correlation and Strata: Findasaurus Museum of Paleontology, University of California, Berkeley (Grades K-8)

What stories do rocks tell?" TERC (Grades 6-14)

How did the layers of the Grand Canyon form? TERC (Grades 6-14)

Determining Age of Rocks and Fossils Museum of Paleontology, University of California, Berkeley (Grades 9-12)