

# Educational Resources

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## 1. Joint Oceanographic Institutions Education

[www.joilearning.org](http://www.joilearning.org)- Opportunities and resources related to ocean drilling for teachers

## 2. History of the Earth Poster

International Stratigraphic Commission-CHRONOS poster with 2004 Geologic Time Scale and Tower of Time graphics [[download](#) 1.9 Mb]

## 3. Digital Library for Earth System Education

[DLESE](#)

## 4. eGuide to Paleoclimates

[eGuide to Paleoclimates](#)

## 5. Stratigraphy Exercises

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

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

[What stories do rocks tell?](#) TERC (Grades 6-14)

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

## 6. 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

[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)

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)

All Things Cretaceous A Digital Resource Collection for Teaching and Learning