



ORC CURRICULUM MAP

Grade 7 Science

Topics Included: Unit E Planet Earth

*Resources Included: Britannia School, TrueFLIX, PowerKnowledge Suite,
Science In Context, ScienceFLIX,*

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Crash Course Kids Disclaimer

These Curriculum Maps have been updated to include the YouTube educational web series *Crash Course Kids*. This web series, from the producers of *Crash Course*, is geared towards elementary grade science. It includes topics related to Earth Science, Physical Science, Biology, Astronomy, and more. These videos can sometimes contain irreverent humour. We encourage educators to preview the videos for appropriateness before showing them in a classroom or library setting.

Background and Access Information

Learn Alberta's Online Reference Centre is a \$1.2 million collection of authoritative curricular aligned resources that are licensed on behalf of all students, staff, parents and public librarians learning/teaching/supporting the Alberta curriculum.

To Access the Online Reference Centre:

1. Go to LearnAlberta.ca
2. Select English or French
3. Click on "Online Reference Centre" in the tab along the top of the screen
4. In school while on a school device, users do not need to enter a username or password. Users are able to enter any database or website instantly.
5. Access from a personal device in school or remotely from outside of the school will require the user to enter a username/password once to unlock all of the resources.
6. Please share your district's ORC username/password with your students, parents of your students, student teachers and fellow staff members. Please do not share the username and password information on an open website (a website that does not require the user to login).

How to Use This Guide

Attached please find a listing of databases found on Learn Alberta's Online Reference Centre (ORC) that directly support specific learner outcomes in the grade two science and social studies curricula.

Formatting Overview for Britannica School:

Curricular Topic

Specific Learner Outcome (SLO)

Britannica School

- Elementary
 - Keyword Search "Keyword"
 - Article Title
 - Articles
 - Subject area
 - Topic
 - Subtopic
 - Article Title

Formatting Overview for PowerKnowledge Databases:

Curricular Topic

Specific Learner Outcome (SLO)

Name of the Database

- Topic
 - Subtopic
 - Article Title with Hyperlink
 - Article Sections

Formatting Overview for Science In Context:

Curricular Topic

Specific Learner Outcome (SLO)

Science In Context

- Browse Topics (link found in the top grey bar next to Home)
 - Topic
 - Introductory Article/Featured Content/Reference
 - Article Name with hyperlink

Formatting Overview for ScienceFLIX:

Curricular Topic

Specific Learner Outcome (SLO)

ScienceFLIX

- Browse All Topics, Topic Heading
 - Subject
 - Content Type
 - “Set my Reading Level” (top right-hand side of the screen)
 - Article Sections
 - Content Type
 - Sub-topic
 - Article or video

Formatting Overview for TrueFLIX:

Curricular Topic

Specific Learner Outcome (SLO)

TrueFLIX

- Topic
 - eBook Title (alphabetized listing found in the Resources & Tools link in the top right hand corner of the screen)

- Chapters in eBook if applicable

A note about Science In Context:

Science In Context is a database that is designed for students in grades six to twelve. As such, some of the content of this database may be challenging for students in grade six.

However, this database does have several features to make it more user friendly for students with varied skill levels. First, each article indicates the reading level using a symbol just below the title of the article beside the name of the source. A green circle indicates a basic reading level, yellow square an intermediate reading level, and red triangle an advanced reading level. In addition, the "Advanced Search" feature allows users to limit the content search to a basic, intermediate or advanced reading level. This guide will include basic articles in the "At Grade Level" sections and intermediate articles in the "Above Grade Level" sections. Each title includes a hyperlink that takes you directly to the article in the database.

Last, this database does include a customizable listen feature, as well as a text translation and the ability to download a computer generated reading of the article to an MP3 format.

If you have any questions regarding this guide or if you would like a guide for additional grades please contact Bethany Arsenault, ORC Coordinator at barsenault@thealbertalibrary.ab.ca

Grade 7 Science

Unit E: Planet Earth

SLO: Describe and demonstrate methods used in the scientific study of Earth and in observing and interpreting its component materials

- *Investigate and interpret evidence that Earth's surface undergoes both gradual and sudden change (e.g., recognize earthquakes, volcanoes and landslides as examples of sudden change; recognize glacial erosion and river erosion as examples of gradual/incremental change)*
- *Interpret models that show a layered structure for Earth's interior; and describe, in general terms, evidence for such models*
- *Identify and explain the purpose of different tools and techniques used in the study of Earth (e.g., describe and explain the use of seismographs and coring drills, as well as tools and techniques for the close examination of rocks; describe methods used in oil and gas exploration)*
- *Explain the need for common terminology and conventions in describing rocks and minerals, and apply suitable terms and conventions in describing sample materials (e.g., use common terms in describing lustre, transparency, cleavage and fracture of rocks and minerals; apply the Moh's scale in describing mineral hardness)*

Resources for Students Reading Below Grade Level

Britannica School: Elementary

- Articles
 - Science and Mathematics
 - Earth Sciences
 - Geology
 - Earthquake
 - Erosion
 - Landslide
 - Plate Tectonics
 - Rock
 - Article Section: Introduction

TrueFLIX

- Experiments
 - Chapters: A Rocky Rainbow (2), Hard as a Rock (3), Earth as a Recycler (5)
- Extreme Nature
 - Earthquakes
 - Chapters: Shakes and Shocks (1), On Shaky Ground (2), Studying Quakes (4)
 - Tsunamis
 - Chapters: Tsunamis in Motion (2), Preventing Future Disaster (5)
- The Solar System
 - Planet Earth
 - Chapter: Above and Below (2)

PowerKnowledge Earth and Space Science

- Landforms
 - Our Changing Earth
 - [Earth's Layers](#)
 - [Plate Tectonics](#)
 - Volcanoes
 - [Investigating Volcanic Eruptions](#)
- Natural Disasters
 - World's Worst Natural Disasters
 - [World's Worst Earthquakes](#)
 - [World's Worst Tsunamis](#)
 - [World's Worst Volcanic Eruptions](#)
 - [All About Volcanoes](#)
 - [Earthquakes](#)
 - [Tsunamis: Killer Waves](#)
- Rocks and Minerals
 - [Beneath Earth's Surface](#)
 - Article Sections: [The Layers of Earth](#), [Earth's Core](#), [Earth's Mantle](#), [Earth's Crust](#), [What's Inside the Crust?](#)
 - [Studying Rocks](#)

- [Volcanoes and Earthquakes](#)
- [Weathering and Erosion with Graphic Organizers](#)
 - Article Sections: [Erosion](#), [Water and Erosion](#)

Resources for Students Reading At Grade Level

Science In Context

- Advanced Search: Earthquake (Basic Content Level selected)
 - Reference
 - [Earthquake Measurement Scale \(UXL Science, April 7, 2010\)](#)
 - [Earthquake Forecasting \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Earthquake \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Seismology \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Tsunamis Forecasting \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - Magazines
 - [Human-Made Quakes \(Science World/Current Science, December 12, 2016\)](#)
 - [Earthquake \(UXL Encyclopedia of Science, 2015\)](#)
 - [Shake, Rattle, and Roll \(National Geographic Explorer, March 2015\)](#)
 - [How to Make the Earth Quake \(Odyssey, March 2013\)](#)
 - [Finding Fault: Geophysicist Kelly Wiseman is keeping a close watch on earthquake activity in one of Earth's danger zones \(Current Science, a Weekly Reader publication, April 13, 2012\)](#)
- Advanced Search: Landslide (Basic Content Level selected)
 - Reference
 - [Landslide Forecasting \(UXI Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Landslide \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
- Advanced Search: Volcano (Basic Content Level selected)

- Reference
 - [Volcano \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Volcanic Eruption Forecasting \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Volcano \(UXL Encyclopedia of Science, 2015\)](#)
 - [Supervolcano \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
- Advanced Earth: Earth's Interior (Basic Content Level selected)
 - Reference
 - [Earth's Interior \(UXL Encyclopedia of Science, 2015\)](#)

ScienceFLIX

- Earth Science
 - Earthquakes
 - Read It!
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Dive Deeper!
 - Anatomy of an Earthquake
 - Plate Tectonics
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Seismic Waves
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Plate Boundaries and Earthquake Zones (Interactive Media)
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Earthquake Aftermath
 - Tsunamis
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Landslides

- "Select My Reading Level 1" (top right-hand corner of the screen)
 - Notable Earthquakes since 1900 (Interactive Media)
 - "Select My Reading Level 1" (top right-hand corner of the screen)
- Predicting and Preparing
 - Precursors and Other Predictors
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Measuring and Magnitude
 - "Select My Reading Level 1" (top right-hand corner of the screen)
- Rocks and Minerals
 - Dive Deeper!
 - Rocks Reordered
 - Earth's Crust
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Erosion
 - "Select My Reading Level 1" (top right-hand corner of the screen)
- Continental Drift
 - Read It!
 - Dive Deeper!
 - Dynamic Processes
 - Earth's Plates and Their Boundaries
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - The Crust and Its Composition
 - "Select My Reading Level 1" (top right-hand corner of the screen)
- Earth's Interior
 - Read It!
 - Article Section: Seismic Waves

- “Select My Reading Level 1” (top right-hand corner of the screen)
- Dive Deeper!
 - Anatomy of a Planet
 - Inside Planet Earth (Interactive Media)
 - Movements and Forces
 - Earthquakes and Volcanoes
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Mountain Building
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Exploring the Interior
 - Seismologists and Their Science
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Core Drilling Projects
 - “Select My Reading Level 1” (top right-hand corner of the screen)
- Volcanoes
 - Read It!
 - Dive Deeper!
 - Inside a Volcano
 - Plate Tectonics and Volcanoes
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Anatomy of an Eruption (Interactive Media)
 - Hot Spots
 - Volcano Prediction
 - “Select My Reading Level 1” (top right-hand corner of the screen)

Crash Course Kids

- [Four Spheres Part 1 \(Geo and Bio\): Crash Course Kids #6.1](#)

Resources for Students Reading Above Grade Level

Science In Context

- Advanced Search: Earthquake (Intermediate Content Level selected)
 - Reference
 - [Earthquake \(Environmental Encyclopedia, 2011\)](#)
 - [Tsunamis \(Environmental Encyclopedia, 2011\)](#) – Updated December 2015
- Advanced Search: Landslide (Intermediate Content Level selected)
 - Reference
 - [Landslide \(Environmental Encyclopedia, 2011\)](#)
- Advanced Search: Volcano (Intermediate Content Level selected)
 - Reference
 - [Volcano \(Environmental Encyclopedia, 2011\) – Updated May, 2014](#)
- Advanced Earth: Earth's Interior (Intermediate Content Level selected)
 - Reference
 - [Earth, Interior Structure \(World of Earth Science, 2003\)](#) – Updated June 2014

ScienceFLIX

- Earth Science
 - Earthquakes
 - Explore More
 - Earthquakes
 - Continental Drift and Plate Tectonics
 - Disasters
 - Earth's Dynamic Interior
 - Heat Flows in Earth
 - Seismology
 - Anatomy of an Earthquake
 - Earth's Crust
 - Earth's Mantle
 - Epicenter
 - Fault
 - Magma

- Mechanical Waves
 - Predicting and Preparing
 - Prediction
 - Seismometer
- Rocks and Minerals
 - Explore More
 - Rocks and Minerals
 - Earth's Crust
 - Rocks Reordered
 - Hardness Scale
 - Mineral Hardness
 - The Power of Erosion
- Continental Drift
 - Explore More
 - Dynamic Processes
 - Earthquake
 - Volcano
- Earth's Interior
 - Explore More
 - Earth's Interior
 - Earth's Dynamic Interior
 - Earth's Crust
 - Movements and Forces
 - Avalanche and Landslide
 - Earthquakes
 - Volcano
 - Exploring the Interior
 - Geology
 - Seismology
- Volcanoes
 - Explore More
 - Volcanoes
 - Seismology
 - Earth's Crust
 - Plate Tectonics and Volcanoes
 - Anatomy of an Eruption (Interactive Media)

- Hot Spots
 - Volcano Prediction

SLO: Identify evidence for the rock cycle, and use the rock cycle concept to interpret and explain the characteristics of particular rocks

- *Distinguish between rocks and minerals*
- *Describe characteristics of the three main classes of rocks – igneous, sedimentary and metamorphic – and describe evidence of their formation (e.g., describe evidence of igneous rock formation, based on the study of rocks found in and around volcanoes; describe the role of fossil evidence in interpreting sedimentary rock)*
- *Describe local rocks and sediments, and interpret ways they may have formed*
- *Investigate and interpret examples of weathering, erosion and sedimentation*

Resources for Students Reading Below Grade Level

Britannica School: Elementary

- Articles
 - Science and Mathematics
 - Earth Sciences
 - Geology
 - Erosion
 - Geologic Time
 - Igneous Rock
 - Limestone
 - Metamorphic Rock
 - Mineral
 - Rock
 - Sedimentary Rock
 - Weathering

PowerKnowledge Earth and Space Science

- Earth Cycles

- [All About the Rock Cycle](#)
- Rocks and Minerals
 - Minerals
 - [All About Minerals and Rocks](#)
 - [Minerals and the Rock Cycle](#)
 - The Rock Cycle
 - [All About Weathering and Erosion](#)
 - [Igneous Rocks and the Rock Cycle](#)
 - [Metamorphic Rocks and the Rock Cycle](#)
 - [Sand, Silt, and Mud and the Rock Cycle](#)
 - [Sedimentary Rocks and the Rock Cycle](#)
 - [Weathering and Erosion and the Rock Cycle](#)
 - Types of Rocks
 - [Igneous Rocks](#)
 - [Metamorphic Rocks](#)
 - [Sedimentary Rocks](#)
 - [Identifying Rocks](#)
 - [Rocks and Soil](#)
 - [Rock Formations](#)
 - [Studying Rocks](#)

TrueFLIX

- Earth Science
 - Geology
 - Chapters: Studying the Earth (1), History of Geology (2) pg.13, Our Rapidly and Slowly Changing Earth (3), The Rock Cycle (4)
- Experiments
 - Experiments with Rocks and Minerals
 - Chapters: Earth as a Rock Factory (4), Earth as Recycler (5)

Resources for Students Reading At Grade Level

Science In Context

- Advanced Search: Rocks and Minerals (Basic Content Level selected)

- Reference
 - [Geology \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Rock \(UXL Encyclopedia of Science, 2015\)](#)
 - [Geology \(UXL Encyclopedia of Science, 2015\)](#)
 - [Stratigraphy \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Rocks and Minerals \(Experiment Central: Understanding Scientific Principles Through Projects, 2010\)](#)

ScienceFLIX

- Earth Science
 - Rocks and Minerals
 - Read It!
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Dive Deeper!
 - Kinds of Rocks
 - Igneous Rock
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Sedimentary Rock
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Metamorphic Rock
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Rocks Reordered
 - Erosion
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - The Rock Cycle (Interactive Media)
 - Digging Deeper
 - Fossils
 - Article Section: Geologic Timescale

- “Select My Reading Level 1” (top right-hand corner of the screen)

Resources for Students Reading Above Grade Level

ScienceFLIX

- Earth Science
 - Rocks and Minerals
 - Explore More
 - Rocks and Minerals
 - Geology
 - Mineral
 - Rock
 - Study of Rock Layers
 - Rocks, Minerals and Fossils
 - Earth’s Interior
 - Explore More
 - Earth’s Interior
 - Anatomy of a Planet
 - Igneous Rock
 - Rock
 - Metamorphic Rock
 - Sedimentary Rock
 - Exploring the Interior
 - Geology
 - Article Sections: Types of Rocks

SLO: Investigate and interpret evidence of major changes in landforms and the rock layers that underlie them

- *Investigate and interpret patterns in the structure and distribution of mountain formations (e.g., describe and interpret mountain formation of the North American cordillera)*
- *Interpret the structure and development of fold and fault mountains*

- *Describe evidence for crustal movement, and identify and interpret patterns in these movements (e.g., identify evidence of earthquakes and volcanic action along the Pacific Rim; identify evidence of the movement of the Pacific plate relative to the North American plate)*
- *Identify and interpret example of gradual/incremental change, and predict the results of those changes over extended period of time (e.g., identify evidence of erosion, and predict the effect of erosional change over a year, century and millennium; project the effect of a given rate of continental drift over a period of one million years)*

Resources for Students Reading Below Grade Level

PowerKnowledge Earth and Space Science

- Landforms
 - Mountains
 - [Rocky Mountains](#)
 - Our Changing Earth
 - [Plate Tectonics](#)
- Rocks and Minerals
 - [Studying Rocks](#)
 - Article Section: [Studying Rocks in the Canadian Shield](#)
- Water
 - Rivers, Lakes, and Oceans
 - [Lakes](#)
 - Article Section: [Making Lakes](#)
- Weather and Climate
 - Weathering and Erosion
 - [All About Weathering and Erosion](#)
 - Article Section: [Carving the Canadian Shield](#)

Resources for Students Reading At Grade Level

Science In Context

- Advanced Search: North American Cordillera (Basic Content Level selected)
 - Reference
 - [North America \(UXL Encyclopedia of Science, 2015\)](#)
- Advanced Search: Fault (Basic Content Level selected)

- Reference
 - [Fault \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
 - [Geologic Map \(UXL Encyclopedia of Science, 2015\)](#)
- Advanced Search: Fold (Basic Content Level selected)
 - Reference
 - [Fold \(UXL Science, June 1, 2008\)](#)

ScienceFLIX

- Earth Sciences
 - Earthquake
 - Dive Deeper!
 - Anatomy of an Earthquake
 - Plate Tectonics
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Explore More
 - Earthquake
 - Continental Drift and Plate Tectonics
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Anatomy of an Earthquake
 - Fault
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Mountain and Mountain Building
 - “Select My Reading Level 1” (top right-hand corner of the screen)
 - Continental Drift
 - Dive Deeper!
 - Dynamic Processes
 - Earth’s Plates and Their Boundaries
 - Article Section: Mountain Building
 - “Select My Reading Level 1” (top right-hand corner of the screen)

Crash Course Kids

- [Weathering and Erosion: Crash Course Kids #10.2](#)
- [Landforms, Hey!: Crash Course Kids #17.1](#)

Resources for Students Reading Above Grade Level

Science In Context

- Advanced Search: Fault Mountain (Intermediate Content Level selected)
 - Reference
 - [Basin and Range Topography \(World Of Earth Science, July 16, 2007\)](#)

Advanced Search: Fold (Intermediate Content Level selected)

- Reference
 - [Folds \(World of Earth Science, July 16, 2007\)](#)

ScienceFLIX

- Earth Sciences
 - Earthquake
 - Explore More
 - Earthquake
 - Continental Drift and Plate Tectonics
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Anatomy of an Earthquake
 - Fault
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Mountain and Mountain Building
 - "Select My Reading Level 1" (top right-hand corner of the screen)
 - Continental Drift
 - Explore More
 - Continental Drift
 - Plate Tectonics
 - Article Section: Mountain Building
 - Dynamic Processes

- Canadian Shield
 - Fault
 - Mountains and Mountain Building
- Earth's Interior
 - Explore More
 - Movements and Forces
 - Continental Drift and Plate Tectonics
 - Article Section: Mountain Building
 - Fault
 - Fold
 - Mountain and Mountain Building
 - Exploring the Interior
 - Geology
 - Article Sections: Types of Rocks, Plate Tectonics

SLO: Describe, interpret and evaluate evidence from the fossil record

- *Describe the nature of different kinds of fossils, and identify hypotheses about their formation (e.g., identify the kinds of rocks where fossils are likely to be found; identify the portions of living things most likely to be preserved; identify possible means of preservations, including replacement of one material by another and formation of molds and casts)*
- *Explain and apply methods used to interpret fossils (e.g., identify techniques used for fossil reconstruction, based on knowledge of*

current living things and findings of related fossils; identify examples of petrified wood and bone)

- *Describe patterns in the appearance of different life forms, as indicated by the fossil record (e.g., construct and interpret a geological time scale; and describe, in general terms, the evidence that has led to its development)*
- *Identify uncertainties in interpreting individual items of fossil evidence; and explain the role of accumulation evidence in developing accepted scientific ideas, theories and explanations*

Resources for Students Reading Below Grade Level

Britannica School: Elementary

- Articles
 - Science and Mathematics
 - Earth Sciences
 - Geology
 - Fossil
 - Geologic Time
 - Paleontology
 - Paleontology
- Keyword Search: Fossil
 - Fossils from the article Coast (landform)
 - Amber (Fossil Resin)

PowerKnowledge Earth and Space Science

- Rocks and Minerals
 - Fossils and Dinosaurs
 - [Fossils](#)
 - [How the Dinosaurs Disappeared](#)
 - [The Dinosaur Footprints](#)
 - [Types of Fossils](#)

TrueFLIX

- Earth Science
 - Paleontology

- Chapters: The Search for Ancient Life (1), How Paleontologists See Time (3), The Paleontologists' Tools (4)

Resources for Students Reading At Grade Level

Science In Context

- Advanced Search: Fossil (Basic Content Level selected)
 - Reference
 - [Fossil \(UXL Encyclopedia of Science, 2015\)](#)
 - [Fossil \(UXL Complete Life Science Resource, July 1, 2009\)](#)
 - [Dinosaur \(UXL Complete Life Science Resource, July 1, 2009\)](#)
- Advanced Search: Paleontology (Basic Content Level selected)
 - Reference
 - [Paleontology \(UXL Encyclopedia of Science, 2015\)](#)

ScienceFLIX

- Life Science
 - Prehistoric Animals
 - Dive Deeper!
 - Seeking Clues
 - The Fossil Record
 - "Select My Reading Level 1" (top right-hand corner of the screen)

Resources for Students Reading Above Grade Level

Science In Context

- Advanced Search: Fossil (Intermediate Content Level selected)
 - Reference
 - [Fossil Record \(World of Earth Science, March 28, 2012\)](#)
 - [Fossils \(World of Earth Science, April 4, 2012\)](#)
 - [The Fossil Record: A Window to the Past \(Grzimek's Animal Life Encyclopedia: Evolution, 2011\)](#)
 - [Fossils \(Biology, 2016\)](#)
- Advanced Search: Paleontology (Intermediate Content Level selected)

- Reference
 - [Paleontology \(Biology, 2016\)](#)

ScienceFLIX

- Life Science
 - Prehistoric Animals
 - Explore More
 - Prehistoric Animals
 - Fossil
 - Paleontologists and Their Science
 - Seeking Clues
 - Climates of the Past
 - Article Sections: Climates of the Past, The Fossil Record, Warm, Moist Climate, Cold Climate, More Hints from the Past
 - Geologic Time
 - Petrification
 - Rocks, Minerals, and Fossils
 - Trilobite