EARTH SCIENCE

Interactive Websites

PhET Interactive Simulations-Interactive simulations for multiple earth science topics.

- https://phet.colorado.edu/en/search?q=Earth+Science

Annenberg Learner: The Habitable Planet-A multimedia course for adult learners interested in studying environmental science. Provides access to activities created by actual scientists and researchers.

- https://www.learner.org/courses/envsci/index.html

Visible Geology-Explore geologic history, topography, etc. on this virtual website. Sign-up is required but is free.

- http://app.visiblegeology.com/

Geology Labs Online a list of freely available online geology, geosciences, and earth science labs and resources.

- http://onlinelabs.in/geology

Informational/Instructional Websites & Videos

New York Science Teacher: Earth Science Reference Tables (ESRT) - "Contains important measurements, maps and identification tables. The booklet is frequently used during classes, tests and lab assignments. ESRT is also used on the Earth Science Regents Exam." Available as a PDF for computers or smartphones.

- http://newyorkscienceteacher.com/sci/pages/reftables/esrt.php

Environmental Science-Contains lectures of various topics related to environmental science, as well as related articles.

- https://www.environmentalscience.org/

Wikipedia: Forest Management-Includes an introduction to forest management, public input and awareness and wildlife considerations. Also includes links to numerous related topics.

- https://en.wikipedia.org/wiki/Forest_management

Everything Connects-Informative website that includes various studies conducted regarding agriculture. Related videos embedded throughout the readings, as well as related charts.

- http://www.everythingconnects.org/

ESchool Today: Introduction to Natural Resources (NR) - Contains information about the types, distribution of and threats to natural resources as well as links and lessons on topics related to natural resources.

- http://www.eschooltoday.com/natural-resources/what-is-a-natural-resource.html

Introduction to Structural Geology-PDF that includes charts, graphs, diagrams, illustrations and information regarding everything you need to know about structural geology.

- http://www.geosci.usyd.edu.au/users/prey/Patrice_Intro_to_SG.pdf

Informational/Instructional Websites & Videos, continued

Virtual Chembook, Elmhurst College-Chart full of hyperlinks that cover various topics on earth science: Global Warming, Acid Rain, Ozone Depletion, Wastewater Treatment, etc.

- http://chemistry.elmhurst.edu/vchembook/index.html

What is Geography? - Contains the meaning of geography, how everything is connected, why it's important, as well as a Global Closet Calculator that introduces the concepts of interdependence and globalization. Videos and maps are also included, along with how global positioning systems (GPS) were designed and how they are used to collect data

- https://www.nationalgeographic.org/education/what-is-geography/

WolframAlpha - Computational Knowledge Engine that allows you to discover anything you need to know about the earth.

- https://www.wolframalpha.com/examples/PlacesAndGeography.html
- https://www.wolframalpha.com/examples/EarthSciences.html
- https://www.wolframalpha.com/examples/WeatherAndMeteorology.html

Terminology, Games, and Practice Tests

World Geography Games - Includes interactive games for Earth, Atmosphere, Oceans, Mountains, Regions, etc., that tell you and show you where they are located and how they work. •

http://world-geography-games.com/

ProProfs Quiz Maker: Geology Quizzes & Trivia - A multitude of questions and trivia about Earth.

- https://www.proprofs.com/quiz-school/topic/geology