



ORC CURRICULUM MAP

Grade 8 Science

Topics Included:

Unit E: Freshwater and Saltwater Systems

Resources Included:

Science in Context, Britannica School, ScienceFlix, TrueFLIX, PowerKnowledge Suite, Crash Course, Crash Course Kids

Created: March 2017

Updated: January 2019

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Crash Course Disclaimer

These Curriculum Maps have been updated to include the YouTube educational web series *Crash Course*. This web series is geared towards 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 \$1.7 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 person 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).
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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 PowerKnowledge Databases:

Curricular Topic

Specific Learner Outcome (SLO)

Name of the Database

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

Formatting Overview for TrueFLIX:

Curricular Topic

- 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

*Please Note:

- TrueFLIX eBook links will be in the 'Resources Below Grade Level' sections.
- Links from the "Explore More" section of TrueFLIX are at a higher reading level and appear in the "Resources At or Above Grade Level" sections.

Formatting Overview for ScienceFLIX:

Curricular Topic

Specific Learner Outcome (SLO)

- Topic Area or Search Term
 - Article/Resource Title

*Special Note: ScienceFLIX articles are presented in three (3) Lexile levels.

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

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 who may struggle with reading.

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 or Above 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

Science 8 Unit E – Freshwater & Saltwater Systems

Unit E: Freshwater & Saltwater Systems

SLO 1: *Describe the distribution and characteristics of water in local and global environments, and identify the significance of water supply and quality to the needs of humans and other living things*

- *Describe, in general terms, the distribution of water in Alberta, Canada and the world; and interpret information about water characteristics (e.g., identify glaciers, snow, polar icecaps, ground water and oceans as components of Earth's water; interpret graphical information on the availability of potable water)*
- *Recognize that fresh water and salt water contain varying amounts of dissolved materials, particulates and biological components; and interpret information on these component materials*
- *Identify major factors used in determining if water is potable, and describe and demonstrate tests of water quality (e.g., investigate and describe the physical characteristics of a sample of water, such as clarity, salinity and hardness; investigate biological tests)*
- *Describe, in general terms, methods for generating fresh water from salt water, based on evaporation, distillation and reverse osmosis*

Resources for Students Reading Below Grade Level

Britannica School: Elementary

- Keyword Search: Water
 - Water
 - Related
 - Ocean
 - River
 - Glacier
 - Lake
 - Rain
 - Snow
- Keyword Search: Evaporation

- Water Cycle
 - Evaporation & Condensation
 - How the Water Cycle Works

PowerKnowledge Life Science

- Habitats and Ecosystems
 - Biomes and Habitats
 - [Oceans](#)
 - [Pond Habitats](#)
 - [Wetlands](#)
 - [Tide Pool Habitats](#)
 - Ecosystems
 - [Stream Ecosystem](#)

PowerKnowledge Earth & Space Science

- Water
 - Rivers, Lakes and Oceans
 - [All About Oceans](#)
 - [All About Rivers, Lakes and Oceans](#)
 - [Lakes](#)

PowerKnowledge Physical Science

- Physical Science and our Planet
 - Impact on the Environment
 - [Pollution](#)

TrueFLIX

- Topic: Earth Science
 - eBook Title: Hydrology
 - Watch It
 - Read It
 - eBook Title: Oceanography
 - Watch It
 - Read It
- Topic: Ecosystems
 - eBook Title: Oceans

- Watch It
- Read It

Crash Course Kids

- [The Basics of Freshwater: Crash Course Kids #14.1](#)
- [Four Spheres Part 2 \(Hydro and Atmo\): Crash Course Kids #6.2](#)
- [The Great Aqua Adventure: Crash Course Kids #24.1](#)
- [Dinosaur Pee?: Crash Course Kids #24.2](#)
- [Water Water Everywhere: Crash Course Kids #14.2](#)

Resources for Students Reading At or Above Grade Level

Britannica School: Middle

- Keyword Search: Glacier
 - Article title: Glacier
- Keyword Search: Irrigation
 - Article title: Irrigation
- Keyword Search: Sewage
 - Article title: Sewage Disposal
- Keyword Search: Water
 - Article title: Water
 - How Communities are Supplied with Water
 - Articles
 - Ice
 - Rain
 - Snow
 - Water Cycle

ScienceFLIX

- Physical Science
 - Water
 - Read It
 - Dive Deeper
 - Water In Our Lives
 - The Water Supply
 - Water in the Environment

- Groundwater
 - Earth Science Science
 - Oceans of the World
 - Read It
 - Dive Deeper
 - The Ocean Realm
 - Seawater
- Earth Science
 - Climates of the World
 - Weather and Climate
 - The Polar Regions
 - Etc...
 - Extreme Weather
 - Dive Deeper
 - Weather Makers
 - Rain, Snow and Ice

TrueFLIX

- Topic: Earth Science
 - eBook Title: Hydrology
 - Explore More
 - Rain, Ice and Snow
 - The Water Supply
 - Water Pollution
 - Seawater
 - eBook Title: Oceanography
 - Explore More
 - Oceans of the World
 - Seawater
- Topic: Ecosystems
 - eBook Title: Oceans
 - Explore More
 - Ocean Geography
 - Oceans and Seas
 - Arctic Ocean
 - Current Events

- Desalinating the Deep
- Charts and Tables
 - Oceans and Major Seas
- Maps
 - Oceans

Science In Context

- Advanced Search: Freshwater (Basic & Intermediate Content selected)
 - Overview: [Freshwater](#) (World of Science, updated 2013)
 - Featured:
 - [Freshwater Ecology](#) (Environmental Encyclopedia, updated 2015)
 - [Water Resources](#) (Environmental Encyclopedia, updated 2017)
 - Reference:
 - [Aquatic Chemistry](#) (Environmental Encyclopedia, updated 2018)
 - [Water](#) (UXL Encyclopedia of Science, 2015)
 - Academic Journals:
 - [The ocean under our feet: providing enough fresh water is a growing challenge, but one that is surmountable with a little innovative thinking](#) (Mechanical Engineering-CIME, 2014)
 - [Dangerous waters: twenty percent of the people on Earth lack access to clean water. And even that dismal number is likely to grow](#) (Natural History, 2007)
 - [Blue planet blues: demand for freshwater threatens to outstrip supply. How can we meet the needs of all of Earth's species?](#) (Natural History, Nov 2007)
- Advanced Search: Distillation
 - Reference:
 - [Distillation](#) (World of Scientific Discovery, 2007)
 - Experiment:

- [Purification](#) (Experiment Central: Understanding Scientific Principles Through Projects, updated 2014)
- Advanced Search: Potable Water
 - Magazines:
 - [What's In a Glass of Water?](#) (Popular Science, 2017)
 - Reference:
 - [Water Purification](#) (World of Chemistry, updated 2013)
 - [Desalination](#) (World of Earth Science, 2007)
- Advanced Search: Reverse Osmosis
 - Reference:
 - [Desalination Techniques](#) (UXL Science, 2009)

Crash Course Video

- [The Hydrologic and Carbon Cycles: Always Recycle! - Crash Course Ecology #8](#)

SLO 2: *Investigate and interpret linkages among landforms, water and climate*

- *Describe the processes of erosion and deposition resulting from wave action and water flow, by:*
 - *identifying dissolved solids and sediment loads, and identifying sources and endpoints for these materials*
 - *describing how waves and tides are generated and how they interact with shorelines*
- *Investigate and describe stream characteristics (e.g., describe the slope, flow rate and stream profile characteristics of a model stream on a stream table)*
- *Describe processes leading to the development of ocean basins and continental drainage systems (e.g., describe the formation of geological features on the ocean floor, such as continental shelves and trenches)*
- *Identify evidence of glacial action, and analyze factors affecting the growth and attrition of glaciers and polar icecaps (e.g., identify factors that affect the size of polar ice sheets and the Columbia Icefield)*

- *Describe the movement of ocean currents and its impact on regional climates (e.g., effects of the Gulf Stream, Labrador Current, El Niño, La Niña)*

Resources for Students Reading Below Grade Level

Britannica School: Elementary

- Keyword Search: Erosion
 - Erosion
 - Related
 - Coast
- Keyword Search: Stream
 - River
- Keyword Search: Ocean
 - Ocean
 - Ocean Floor
- Keyword Search: Glacier
 - Glacier

PowerKnowledge Life Science

- Habitats and Ecosystems
 - Biomes and Habitats
 - Beaches
 - [Rivers and Beaches](#)
- PowerKnowledge Earth & Space Science

- Water
 - Weathering & Erosion
 - [All About Weathering & Erosion](#)
 - [Weathering & Erosion with Graphic Organizers](#)
 - [Rivers, Lakes & Oceans](#)
- Earth Cycles
 - [All About the Water Cycle](#)

TrueFLIX

- Topic: Ecosystems
 - eBook Title: Oceans
 - Watch It
 - Read It
 - eBook Title: Climate Change
 - Watch It
 - Read it

Crash Course Kids

- [Climate Change: Crash Course Kids #41.2](#)
- [Weathering and Erosion: Crash Course Kids #10.2](#)
- [Current Events: Crash Course Kids #34.1](#)
- [Weather Channels: Crash Course Kids #34.2](#)

Resources for Students Reading At or Above Grade Level

Britannica School: Middle

- Keyword Search: Glacier
 - Article title: Glacier
- Keyword Search: Wave
 - Article title: Wave
- Keyword Search: Tide
 - Article title: Tide
 - Article title: Beach
 - Article title: Moon
- Keyword Search: Ocean Currents
 - Article Title: Climate
- Keyword Search: El Nino
 - Article Title: El Nino
- Keyword Search: La Nina
 - Article Title: La Nina
- Keyword Search: Landforms
 - Article Title: Coast
 - Erosional Landforms
 - Depositional Landforms

- Delta
- Keyword Search: Dissolved
 - Article Title: Oceanography
 - Physical and Chemical Oceanography
- Keyword Search: Desalination
 - Article Title: Water
 - Desalination

ScienceFLIX

- Earth Science
 - Climates of the World
 - Watch It
 - Read It
 - Dive Deeper
 - Climates of the Past
 - Glaciation
 - Explore More
 - Climates of the Past
 - Glaciers
 - Weather and Climate
 - The Polar Regions
 - Etc...
- Life Science
 - Conservation
 - Dive Deeper
 - Erosion Control
- Earth Science
 - Rocks and Minerals
 - Dive Deeper
 - Erosion
- Physical Science
 - Water
 - Explore More
 - Water In The Environment
 - How Water Changes the Land
 - Rivers and Streams

- Earth Science
 - Oceans of the World
 - Read It
 - Dive Deeper
 - Oceans in Motion
 - Tides
 - Waves
 - Ocean Currents
 - Explore More
 - Oceans in Motion
 - El Nino
 - Gulf Stream
 - Etc...
 - The Ocean Realm
 - Oceanic Trenches
 - Etc...

TrueFLIX

- Topic: Earth Science
 - eBook Title: Hydrology
 - Explore More
 - How Water Changes the Land
 - eBook Title: Oceanography
 - Explore More
 - Ocean Currents
 - The Changing Seafloor
 - The Ocean Floor
 - Tides
- Topic: Ecosystems
 - eBook Title: Oceans
 - Explore More
 - Ocean Geography
 - The Changing Seafloor
 - The Gulfstream
 - The Ocean Floor
 - Charts and Tables
 - Deepest Trenches in Each Ocean

- Current Events
 - Ducks at Sea
 - Multimedia
 - Ocean Floor
 - Ocean Water's Deep Currents
 - The World's Oceans
- eBook Title: Climate Change
 - Explore More
 - Areas of Impact
 - Alaska
 - Arctic and Antarctic
 - Greenland
 - Nunavut
 - Causes & Effects
 - Erosion
 - Sea Level On The Rise

Science In Context

- Advanced Search: Erosion (Basic & Intermediate Content selected)
 - Topic Overview:
 - [Erosion](#) (Environmental Encyclopedia, updated 2017)
 - Magazines:
 - [River Processes](#) (Wideworld, Nov 2007)
 - Reference:
 - [Erosion](#) (UXL Encyclopedia of Science, 2015)
 - [Beach and Shoreline Dynamics](#) (World of Earth Science, 2009)
 - [Seashore](#) (UXL Encyclopedia of Biomes, 2008)
- Advanced Search: Streams
 - Experiment:
 - [Rivers](#) (Experiment Central: Understanding Scientific Principles Through Projects, 2010)
- Advanced Search: Delta
 - Reference:
 - [Alluvial system](#) (UXL Science, 2008)
- Advanced Search: Ocean Waves

- Reference:
 - [Continental Margin](#) (UXL Encyclopedia of Biomes, 2008)
 - [Coast and Beach](#) (UXL Encyclopedia of Science 2015)
- Advanced Search: Continental Shelf
 - Reference:
 - [Continental Shelf](#) (World of Earth Science, 2007)
- Advanced Search: Sediment
 - [Sedimentation](#) (World of Earth Science, 2009)
- Advanced Search: Ocean Trench
 - Reference:
 - [Ocean](#) (UXL Encyclopedia of Science 2015)
- Advanced Search: Ice Sheet
 - Reference:
 - [Ice Sheets](#) (UXL Encyclopedia of Weather and Natural Disasters, 2016)
 - [Global Warming](#) ((UXL Encyclopedia of Weather and Natural Disasters, 2016)

Crash Course Videos

- [5 Human Impacts on the Environment - Crash Course Ecology #10](#)
- [Tides: Crash Course Astronomy #8](#)

SLO 3: *Analyze factors affecting productivity and species distribution in marine and freshwater environments*

- *Investigate life forms found in fresh water and salt water, and identify and interpret examples of adaptations to these environments (e.g., describe and interpret examples of fish and invertebrate species found in a local freshwater environment)*
- *Analyze factors that contribute to the development of adaptations in species found in saltwater and freshwater environments*
- *Investigate and interpret examples of seasonal, short-term and long-term change in populations of living things found in aquatic environments (e.g., algal blooms, changes in local freshwater fish populations, cod and salmon stock depletion)*

- *Analyze relationships between water quality and living things, and infer the quality of water based on the diversity of life supported by it*

Resources for Students Reading Below Grade Level

Britannica School: Elementary

- Keyword Search: Fish
 - Fish (article)
 - Related
 - (many species listed)
- Keyword Search: Pond
 - Pond Life
 - Animals
- Keyword Search: Ocean
 - Ocean
 - Ocean Life
- Keyword Search: Pollution
 - Pollution
 - Water Pollution

PowerKnowledge Life Science

- Habitats and Ecosystems
 - Animals and Their Habitats
 - (various animals/life forms profiled)
 - Ecosystems
 - [Stream Ecosystem](#)
- Survival and Adaptation
 - Animals and Their Environments
 - [Penguins and Their Homes](#)
 - [Polar Bears of the Arctic](#)
 - [Seals of the Antarctic](#)
 - [Walruses of the Arctic](#)
 - [Wetland Animals](#)
 - [Whales of the Arctic](#)
 - Animals Past and Present
 - [Sea Turtles Past and Present](#)

- [Sharks Past and Present](#)
- Understanding Adaptation
 - [Animal Adaptation for Survival](#)
 - [Behavioral and Physical Adaptations](#)
- Migration
 - [Salmon Migration](#)
 - [Humpback Whale Migration](#)
- Water Creatures
 - (there are many listed)

PowerKnowledge Earth & Space Science

- Water
 - Rivers, Lakes & Oceans
 - Tides
 - [How do Animals Survive in the Tidal Zone?](#)

TrueFLIX

- Topic: Earth Science
 - eBook Title: Oceanography
 - Watch It
 - Read It
- Topic: Ecosystems
 - eBook Title: Oceans
 - Watch It
 - Read It
 - eBook Title: Climate Change
 - Watch It
 - Read it

Crash Course Kids

- [Water Water Everywhere: Crash Course Kids #14.2](#)
- [The Life Hydrologic: Crash Course Kids #30.2](#)

Resources for Students Reading At or Above Grade Level

Britannica School: Middle

- Keyword Search: Ocean Life
 - Article Title: Deep Sea Animals
 - Article Title: Ocean
 - Life in the Ocean
- Keyword Search: Glacier
 - Article title: Glacier
- Keyword Search: Algal Bloom
 - Article title: Red Tide
- Keyword Search: Sewage
 - Article title: Sewage Disposal
- Keyword Search: Water
 - Article title: Water
- Keyword Search: Toxic Waste
 - Article title: Toxic Waste
- Keyword Search: Water Quality
 - Conservation
 - Water Pollution
- Keyword Search: Eutrophication
 - Article Title: Ecology
 - Biodiversity
- Keyword Search: Environmental Pollution
 - Article Title: Environmental Pollution
 - Water Pollution
- Keyword Search: Invertebrate
 - Article Title: Invertebrate

ScienceFLIX

- Physical Science
 - Explore More
 - Water In Our Lives
 - Water Quality
- Life Science
 - Biomes
 - Read It
 - Dive Deeper
 - The Biosphere

- Aquatic Biomes
- Life Science
 - Marine Life
 - Read It
 - Dive Deeper
 - Marine Ecosystems
 - Species Galore
 - Bounty of the Sea
 - Explore More
 - Marine Life
 - Marine Ecosystems
 - Species Galore
 - Bounty of the Sea

TrueFLIX

- Topic: Earth Science
 - eBook Title: Oceanography
 - Explore More
 - Ocean Life
 - Bioluminescence
 - Great Barrier Reef
 - Plankton
- Topic: Ecosystems
 - eBook Title: Oceans
 - Explore More
 - Ocean Life
 - Bioluminescence
 - The Cartilaginous Fish
 - Ocean Life
 - Octopuses, Squids, and Other Cephalopods
 - Whales
 - Current Events
 - A Lost City in the Atlantic
 - A Reef in the Deep

Science In Context

- Advanced Search: Marine Life (Basic & Intermediate Content selected)
 - Reference:
 - [Algae](#) (UXL Encyclopedia of Science, 2015)
 - [Red Tide](#) (Environmental Encyclopedia, updated 2015)
- Advanced Search: Invertebrate
 - Reference:
 - [Invertebrate](#) (UXL Encyclopedia of Science, 2015)
 - [Invertebrates](#) (UXL Complete Life Science Resource, July 2009)
- Advanced Search: Fresh Water
 - Featured Content:
 - [Fresh Water Ecology](#) (Environmental Encyclopedia, updated 2018)
 - Reference:
 - [Aquatic Chemistry](#) (Environmental Encyclopedia, updated 2018)
- Advanced Search: Adaptation
 - Reference:
 - [Adaptation](#) (UXL Encyclopedia of Science, 2015)
 - [Genetic Resistance](#) (Environmental Encyclopedia, pdated 2017)
 - [Evolution](#) (UXL Complete Life Science Resource, 2009)
 - [Adaptation and Evolutionary Change](#) (Grzimek's Animal Life Encyclopedia: Evolution, 2011)
- Advanced Search: Marine Ecology
 - Reference:
 - [Mariculture](#) (Environmental Encyclopedia, updated 2018)
 - [Salinization](#) (Environmental Encyclopedia, updated 2017)
 - [Dead Zones](#) (Environmental Encyclopedia, updated 2018)
 - [Water Quality](#) (Environmental Encyclopedia, 2011)

SLO 4: *Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues*

- *Analyze human water uses, and identify the nature and scope of impacts resulting from different uses (e.g., identify pollutants in ground water and surface water systems resulting from domestic and industrial use;*

analyze the effects of agriculture and forestry practices on stream flow and water quality)

- *Identify current practices and technologies that affect water quality, evaluate environmental costs and benefits, and identify and evaluate alternatives (e.g., research and analyze alternatives for ensuring safe supplies of potable water; research, analyze and debate alternatives for a specific water quality issue, such as the location and design of a landfill, the protection of a natural waterway, the use of secondary and tertiary wastewater treatment, the salinization of soils due to irrigation, the eutrophication of ponds and streams due to excess use of phosphates in fertilizers and detergents, or a proposal to export water resources)*
- *Illustrate the role of scientific research in monitoring environments and supporting development of appropriate environmental technologies (e.g., describe a local example of aquatic monitoring, and describe how this research contributes to watershed management)*
- *Provide examples of problems that cannot be solved using scientific and technological knowledge alone (e.g., the need to prevent pollutants from entering aquatic environments, the need to avoid damage from ice sheets and icebergs)*

Resources for Students Reading Below Grade Level

Britannica Elementary

- Keyword Search: Pollution
 - Pollution
- Keyword Search: Irrigation
 - Irrigation
- Keyword Search: Deforestation
 - Deforestation
 - Problems Caused by Deforestation
 - Related
 - Acid Rain
 - Biodiversity
 - Effects of People and Nature on Biodiversity

PowerKnowledge Physical Science

- Physical Science and our Planet
 - Impact on the Environment
 - [Pollution](#)
 - [Chemical Spills](#)
 - [Oil Spills](#)
 - [Rainforest Destruction](#)

PowerKnowledge Life Science

- Habitats and Ecosystems
 - Biomes and Habitats

PowerKnowledge Earth & Space Science

- Water
 - [Oil Spills and Ocean Pollution](#)

TrueFLIX

- Topic: Ecosystems
 - eBook Title: Climate Change
 - Watch It
 - Read it

Crash Course Kids

- [Climate Change: Crash Course Kids #41.2](#)
- [H2O-NO! - Fresh Water Problems: Crash Course Kids #33.1](#)
- [A Fresh Future: Crash Course Kids #33.2](#)
- [Water Fight!: Crash Course Kids #36.1](#)
- [Water Fix!: Crash Course Kids #36.2](#)

Resources for Students Reading At or Above Grade Level

Britannica School: Middle

- Keyword Search: Pollution
 - Article title: Pollution
 - Article title: Water Pollution
 - Article title: Acid Rain
 - Article title: Wetland

- Article title: Toxic Waste
 - Article title: Conservation
- Keyword Search: Environment
 - Article title: Environment
 - Human Impact on the Environment
- Keyword Search: Algal Bloom
 - Article title: Red Tide
 - Article title: Agriculture
 - Fertilizer and Pesticide Improvement
- Keyword Search: Water Quality
 - Conservation
 - Water Pollution
- Keyword Search: Eutrophication
 - Article Title: Ecology
 - Biodiversity
- Keyword Search: Environmental Pollution
 - Article Title: Environmental Pollution
 - Water Pollution

ScienceFLIX

- Physical Science
 - Water
 - Read It!
 - Explore More
 - Water In The Environment
 - How Water Changes the Land
 - Water In Our Lives
 - Water Quality
 - Dive Deeper
 - Water In The Environment
 - Groundwater
- Life Science
 - Conservation
 - Read It!
 - Dive Deeper
 - Water Pollution

TrueFLIX

- Topic: Earth Science
 - eBook Title: Hydrology
 - Explore More
 - Drinking Water
 - The Water Supply
 - Water Pollution
- Topic: Ecosystems
 - eBook Title: Oceans
 - Explore More
 - Current Events
 - Floating Junkyard
 - A Reef in the Deep
 - Subway Reefs
 - eBook Title: Climate Change
 - Explore More
 - Areas of Impact
 - Alaska
 - Arctic and Antarctic
 - Greenland
 - Nunavut
 - Causes and Effects
 - Acid Rain
 - Habitat Destruction
 - Finding Solutions
 - Environmental Movements
 - Environmental Movement in Canada
 - Global Warming: What can you do?
- Topic: Earth Science
 - eBook Title: Ecology
 - Explore More
 - Environmental Pollution

Science In Context

- Advanced Search: Potable Water (Basic & Intermediate Content selected)
 - Videos
 - [Toilet to Tap Gains Appeal in Drought Parched California](#) (AFP News Footage, 2015)
 - [Future of Clean Drinking Water in Jeopardy in US](#) (AP Video News, 2015)
- Advanced Search: "Fresh water" OR "Salt water" OR "Water use"
 - Reference:
 - [Water Conservation](#) (Environmental Encyclopedia, updated 2017)
 - [Water Allocation](#) (Environmental Encyclopedia, 2011)
 - [Water Scarcity](#) (Food in Context, 2011)
 - [Salinization](#) (Biology, 2016)
- Advanced Search: "Aquatic ecosystems" OR "Cost benefit analysis" OR "Human-environment interactions" OR "Technology and society"
 - Reference:
 - [Water Supply and Drainage](#) (World of Invention, updated 2013)
 - [Water Diversion Projects](#) (Environmental Encyclopedia, updated 2017)
 - [Urban Runoff](#) (Environmental Encyclopedia, updated 2017)

Crash Course Videos

- [5 Human Impacts on the Environment - Crash Course Ecology #10](#)
- [Water - Liquid Awesome: Crash Course Biology #2](#)