



# ORC CURRICULUM MAP

## Grade 7 Science

*Topics Included:*

*Unit A: Interactions and Ecosystems*

*Resources Included: Science in Context, Britannica School, ScienceFLIX, TrueFLIX,  
PowerKnowledge Life Science, Teen Health and Wellness*

*Created: March 2017*

*Updated: August 2018*

Erin Hansen, On Behalf of The Alberta Library

ORC@thealbertalibrary.ab.ca

---

## 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](http://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 seven science 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

### Formatting Overview for Teen Health and Wellness:

#### **Curricular Topic**

#### *Specific Learner Outcome*

#### Teen Health and Wellness

- Subject Area
  - Subject
    - Article
      - Article Section
- Keyword Search: "Keyword"
  - Search result
    - Article
      - Article Section

#### 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](mailto:barsenault@thealbertalibrary.ab.ca)

---

---

# Grade 7 Science

---

## **Unit A: Interactions and Ecosystems**

---

*SLO: Investigate and describe relationships between humans and their environments, and identify related issues and scientific questions.*

- *Illustrate how life-supporting environments meet the needs of living things for nutrients, energy sources, moisture, suitable habitat, and exchange of gases*
- *Describe examples of interaction and interdependency within an ecosystem (e.g., identify examples of dependency between species, and describe adaptations involved; identify changing relationships between humans and their environment, over time and in different cultures – as, for example, in aboriginal cultures)*
- *Identify examples of human impacts on ecosystems, and investigate and analyze the link between these impacts and the human wants and needs that give rise to them (e.g., identify impacts of the use of plants and animals as sources of food, fibre and other materials; identify potential impacts of waste products on environments)*

### **Resources for Students Reading Below Grade Level**

Britannica School: Elementary

Keyword Search: Habitat

Habitat (living-environment of a particular life form)

Articles

Science and Mathematics

Life Sciences

Ecology

Ecosystem

Symbiosis



## PowerKnowledge Life Science

- Habitats and Ecosystems
  - Animals and Their Habitats
    - [Beavers and Their Homes](#)
    - [Forest Animals](#)
      - Article Sections: [Forest Mammals](#), [Hunters in the Sky](#), [Bugs of the Forest](#), [A Croak and a Hiss](#)
    - [Foxes and Their Homes](#)
    - [Prairie Animals](#)
  - Biomes and Habitats
    - [Backyard Habitats](#)
    - [Coniferous Forests](#)
    - [Deciduous Forests](#)
    - [Forest Habitats](#)
    - [Wetlands](#)
  - Ecosystems
    - [Garden Ecosystem](#)
    - [Grassy Field Ecosystem](#)
    - [Milkweed Patch Ecosystem](#)
    - [Stream Ecosystem](#)
  - Understanding Habitats and Ecosystems
    - [Organisms and the Environment](#)
    - [World Habitats](#)

## **Resources for Students Reading At Grade Level**

Britannica School: Middle

- Articles
  - Life Processes
    - Biosphere
      - Community
      - Biodiversity
      - Symbiosis
    - Ecosystem
      - Deforestation
      - Habitat

- Habitat
  - Forest and Forestry
  - Grassland

### Science In Context

- Advanced Search: Symbiosis (Basic Content Level selected)
  - Reference
    - [Symbiosis \(UXL Encyclopedia of Science, 2015\)](#)
    - [Lichen \(UXL Encyclopedia of Science, 2015\)](#)
    - [Parasite \(UXL Encyclopedia of Science, 2015\)](#)
    - [Adaptations \(UXL Encyclopedia of Science, 2015\)](#)
  - Magazines
    - [Coral Reefs in Danger \(Odyssey, April 2009\)](#)
    - [Slime Mold Farmville \(Odyssey, October 2011\)](#)

### ScienceFLIX

- Life Science
  - Conservation
    - Read It!
  - Biomes
    - Read It!
    - Dive Deeper
      - The Biosphere
        - Habitats of the World's Biomes

### Crash Course Kids

- [Living Things Change: Crash Course Kids #41.1](#)
- [Big Changes in the Big Apple: Crash Course Kids #38.1](#)
- [Big Changes in the Big Forest: Crash Course Kids #38.2](#)
- [How to Get Resources - Picky Pineapples: Crash Course Kids #2.2](#)
- [Water Water Everywhere: Crash Course Kids #14.2](#)
- [Climate Change: Crash Course Kids #41.2](#)

### **Resources for Students Reading Above Grade Level**

#### Science In Context

- Advanced Search: Symbiosis (Intermediate Content Level selected)

- Reference
  - [Symbiosis \(Environmental Encyclopedia, 2011\)](#)
  - [Symbiosis \(Biology, 2016\)](#)
  - [Lichens \(Environmental Encyclopedia, 2011\)](#)
  - [Lichen \(Biology, 2016\)](#)
  - [Community Ecology \(Biology, 2016\)](#)

## ScienceFLIX

- Life Science
  - Biomes
    - Explore More
      - Biomes
        - Habitat

*SLO: Trace and interpret the flow of energy and materials within an ecosystem*

- *Analyze an ecosystem to identify biotic and abiotic components, and describe interactions among these components*
- *Analyze ecosystems to identify producers, consumers and decomposers; and describe how energy is supplied to and flows through a food web, by*
  - *Describing and giving examples of energy and nutrient storage in plants and animals*
  - *Describing how matter is recycled in an ecosystem through interactions among plants, animals, fungi, bacteria and other microorganisms*
  - *Interpreting food webs, and predicting the effects of changes to any part of a web*
- *Describe the process of cycling carbon and water through an ecosystem*
- *Identify mechanisms by which pollutants enter and move through the environment, and can become concentrated in some organisms (e.g., acid rain, mercury, PCBs, DDT)*

## **Resources for Students Reading Below Grade Level**

Britannica School: Elementary

- Articles
  - Science and Mathematics
    - Life Sciences
      - Biology
        - Biome
          - Article Section: Introduction
        - Ecosystem
        - Food Chain
        - Living Thing
        - Water Cycle
      - Ecology
        - Acid Rain
        - Ecology
        - Environment
        - Pollution
- Keyword Search: Ecosystem
  - Community
- Keyword Search: Carbon Cycle
  - Carbon
    - Article Section: Carbon Cycle

#### PowerKnowledge Life Science

- Classification
  - [Fungi](#)
  - [Single-Celled Organisms](#)
- Green Living
  - Environmental Emergencies
    - Human-Made Disasters
      - [Acid Rain](#)
      - [Deforestation](#)
      - [Toxins in the Environment](#)
  - [Pollution](#)
- Habitats and Ecosystems
  - Biomes and Habitats
    - [Biomes of the Past and Future](#)

- Article Sections: [Humans and Biomes](#), [Changing Biomes](#)
  - Food Chains and Food Webs
    - [Backyard Food Chains](#)
    - [Decomposers](#)
    - [Food Chains and Food Webs](#)
    - [Food Chains and Webs with Graphic Organizers](#)
    - [Herbivores](#)
    - [Producers](#)
    - [Scavengers and Parasites](#)
  - Understanding Habitats and Ecosystems
    - [Human Impact on the Environment](#)
    - [Organisms and the Environment](#)
    - [Saving Our Earth](#)
      - Article Sections: [Water Pollution](#), [Air Pollution and Global Warming](#)

#### TrueFLIX

- Earth Science
  - Ecology: The Study of Ecosystems
    - Chapters: The ABCs o Ecology (1), Ecosystems (3)

### **Resources for Students Reading At Grade Level**

#### Britannica School: Middle

- Articles
  - Life Processes
    - Biosphere
      - Community
      - Biodiversity
      - Food Chain
      - Nitrogen Cycle
      - Symbiosis
      - Water Cycle
    - Ecosystem
      - Ecosystem
      - Environment

- Pollution
  - Acid Rain
  - Air Pollution
  - Oil Spill
  - Pollution
  - Waste, toxic
  - Water Pollution
- Science and Mathematics
  - Astronomy
    - Planet
      - Earth
        - Article Section: Earth's Cycles (Water Cycle, Carbon Cycle and Nitrogen Cycle)

### Science In Context

- Advanced Search: Biotic (Basic Content Level selected)
  - Reference
    - [Abiotic/Biotic Environment \(UXL Complete Life Science Resource, July 1, 2009\)](#)
    - [Community \(UXL Complete Life Science Resource, July 1, 2009\)](#)
    - [Ecology \(UXL Complete Life Science Resource, October 4, 2010\)](#)
      - Article Sections: Introduction, Populations, Communities, and Ecosystems, Diversity Creates Health
    - [Food Chains and Webs \(UXL Complete Life Science Resource, July 1, 2009\)](#)
    - [Ecology \(UXL Encyclopedia of Science, 2015\)](#)
- Advanced Search: Consumers (Basic Content Level selected)
  - Reference
    - [Omnivore \(UXL Complete Life Science Resource, July 1, 2009\)](#)
    - [Herbivore \(UXL Complete Life Science Resource, July 1, 2009\)](#)
- Advanced Search: Decomposers (Basic Content Level selected)

- Reference
  - [Decomposition \(UXL Complete Life Science Resource, July 1, 2009\)](#)
  - [Fungi \(UXL Complete Life Science Resource, July 1, 2009\)](#)
- Magazines
  - [Getting the Dirt on Carbon \(Science News for Kids, March 4, 2009\)](#)
- Advanced Search: Food Web (Basic Content Level selected)
  - Reference
    - [Food Web and Food Chain \(UXL Encyclopedia of Science, 2015\)](#)
    - [Food Chains and Webs \(UXL Complete Life Science Resource, July 1, 2009\)](#)
- Advanced Search: Carbon Cycle (Basic Content Level selected)
  - Reference
    - [Carbon Cycle \(UXL Encyclopedia of Science, 2015\)](#)
    - [Carbon Cycle \(UXL Complete Life Science Resource, July 1, 2009\)](#)
    - [Carbon Cycle \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
  - Magazines
    - [The Carbon Cycle: A Different Kind of Recycling \(Odyssey, April 2009\)](#)
- Advanced Search: Acid Rain (Basic Content Level selected)
  - Reference
    - [Acid Rain \(UXL Encyclopedia of Science, 2015\)](#)
    - [Acid Rain \(UXL Encyclopedia of Weather and Natural Disasters, 2016\)](#)
    - [Acid Rain \(UXL Complete Life Science, July 1, 2009\)](#)
- Advanced Search: Mercury Poisoning (Basic Content Level selected)
  - Reference
    - [Mercury \(element\) \(UXL Science, September 2, 2009\)](#)
      - Article Sections: Introduction, Mercury Poisoning
    - [Transition Elements \(UXL Encyclopedia of Science, 2015\)](#)
      - Article Sections: Mercury, Toxicity, Uses

- Advanced Search: DDT (Basic Content Level selected)
  - Reference
    - [DDT \(Dichlorodiphenyltrichloroethane\) \(UXL Encyclopedia of Science, 2015\)](#)
- Advanced Search: PCBs (Basic Content Level selected)
  - Reference
    - [Polychlorinated Biphenyls \(PCBs\) \(UXL Science, June 1, 2008\)](#)

## ScienceFLIX

- Life Science
  - Conservation
    - Dive Deeper!
      - Conservation Challenges
        - Air Pollution
        - Water Pollution
      - Resource Management
        - Biodiversity
  - Biomes
    - Dive Deeper!
      - Inside the Biome
        - Populations and Communities
        - Food Webs and Chains
        - Cycles in the Ecosystem
      - Biomes in Flux
        - Resource Management
    - Explore More
      - Biomes in Flux
        - Habitat Destruction
        - Invasive Species
  - Cells
    - Dive Deeper!
      - Inner Workings
        - Cell Metabolism: Energy Pathways
  - Plant Science
    - Dive Deeper!



- Plant Processes
  - Photosynthesis
- Explore More
  - Plant Processes
    - Photosynthesis
- Plant Kingdom
  - Dive Deeper!
    - Plantlike Organisms
      - Fungi
        - Article Sections: How Fungi Obtain Food, The Importance of Fungi

### Crash Course Kids

- [Feed Me: Classifying Organisms: Crash Course Kids #1.2](#)
- [Fabulous Food Chains: Crash Course Kids #7.1](#)
- [The Dirt on Decomposers: Crash Course Kids #7.2](#)
- [Home Sweet Habitat: Crash Course Kids #21.1](#)
- [Food Webs: Crash Course Kids #21.2](#)
- [The Great Aqua Adventure: Crash Course Kids #24.1](#)
- [Dinosaur Pee?: Crash Course Kids #24.2](#)
- [Climate Change: Crash Course Kids #41.2](#)

### **Resources for Students Reading Above Grade Level**

#### Science In Context

- Advanced Search: Biotic (Intermediate Content Level selected)
  - Reference
    - [Biotic Community \(Environmental Encyclopedia, 2011\)](#)
    - [Ecosystem \(Environmental Encyclopedia, 2011\)](#)
    - [Ecosystems \(World of Biology, February 5, 2010\)](#)
    - [Ecosystem and Conservation Ecology \(Biology, 2016\)](#)
- Advanced Search: Consumers (Intermediate Content Level selected)
  - Reference
    - [Ecological Consumer \(Environmental Encyclopedia, 2011\)](#)
    - [Trophic Level \(Environmental Encyclopedia, 2011\)](#)
- Advanced Search: Decomposers (Basic Content Level selected)

- Reference
  - [Decomposers \(Environmental Encyclopedia, 2011\)](#)
  - [Fungi \(World of Microbiology and Immunology, 2007\)](#)
- Advanced Search: Food Web (Basic Content Level selected)
  - Reference
    - [Food Webs and Food Chains \(Food: In Context, 2011\)](#)
    - [Food Chain/Web \(Environmental Encyclopedia, 2011\)](#) – Updated November 2015
- Advanced Search: Carbon Cycle (Intermediate Content Level selected)
  - Reference
    - [Carbon Cycle \(Biology, 2016\)](#)
- Advanced Search: Acid Rain (Intermediate Content Level selected)
  - Reference
    - [Acid Rain \(World of Earth Science, 2003\)](#) – Updated September 2013
    - [Acid Rain \(World of Chemistry, 2000\)](#) – Updated August 2013
    - [Acid Rain \(Environmental Encyclopedia, 2011\)](#) – Updated December 2015
- Advanced Search: Mercury Poisoning (Intermediate Content Level selected)
  - Reference
    - [Mercury Poisoning \(The Gale Encyclopedia of Medicine, 2015\)](#)
    - [Mercury \(Environmental Encyclopedia, 2011\)](#)
- Advanced Search: DDT (Intermediate Content Level selected)
  - Reference
    - [DDT \(Dichlorodiphenyltrichloroethane\) \(World of Biology, 1999\)](#) – Updated April 2014
    - [Dichlorodiphenyl-Trichloroethane \(DDT\) \(Environmental Encyclopedia, 2011\)](#) – Updated June 2015
    - [DDT \(World of Invention, 1999\)](#) – Updated May 2014
    - [DDT \(World of Chemistry, 2000\)](#) – Updated April 2014

- [Toxic Substance \(Environmental Encyclopedia, 2011\)](#) – Updated February 2015
  - [Pollution and Bioremediation \(Biology, 2016\)](#)
- Advanced Search: PCBs (Intermediate Content Level selected)
  - Reference
    - [Polychlorinated Biphenyls \(PCBs\) \(World of Chemistry, 2000\) – Updated August 2013](#)
    - [Polychlorinated Biphenyls \(Environmental Encyclopedia, 2011\)](#)

## ScienceFLIX

- Life Science
  - Biomes
    - Explore More
      - Biomes
        - Ecology
        - Ecosystems: Energy Flow and Nutrient Cycles
      - Inside the Biome
        - Animal Behavior
          - Article Sections: Special Senses, The Need to Feed
        - Plant Communities
        - Plant Succession
      - Biomes in Flux
        - Air Pollution
        - Environmental Pollution

## Teen Health and Wellness

- Green Living
  - Conservation
    - Understanding Conservation
      - Choosing Clean Air
      - Keeping Rivers and Lakes Clean
      - Making Choices for Safe, Healthy Soil'
      - Forest-Friendly Living
      - Showing Concern for Oceans

- Making Decisions that benefit Biodiversity
- Keyword Search: DDT
  - Environmental Stewardship
    - Green Pioneers, Then and Now
      - Article Section: Women Take the Lead
  - Fish, Meat, and Poultry
    - New Problems with an Old Necessity: Food
      - Article Section: Bad Meat, Twenty-First-Century Style

*SLO: Monitor a local environment, and assess the impacts of environmental factors on the growth, health and reproduction of organisms in that environment*

- *Investigate a variety of habitats, and describe and interpret distribution patterns of living things found in those habitats (e.g., describe and compare two areas within the school grounds – a relatively undisturbed site and a site that has been affected by heavy use; describe and compare a wetland and a dryland area in a local parkland)*
- *Investigate and interpret evidence of interaction and change (e.g., population fluctuations, changes in weather, availability of food or introduction of new species into an ecosystem)*
- *Identify signs of ecological succession in local ecosystems (e.g., emergence of fireweed in recently cut forest areas, replacement of polar*

*by spruce in maturing forests, reestablishment of native plants on unused farmland)*

### **Resources for Students Reading Below Grade Level**

PowerKnowledge Life Science

- Scientific Method
  - Collecting Information
  - Constructing Explanations
  - Evaluating Data
  - Forming Hypotheses
  - Planning Investigations
  - Reporting Conclusions

### **Resources for Students Reading At Grade Level**

Science In Context

- Advanced Search: Ecological Succession (Basic Content Level selected)
  - Reference
    - [Succession \(UXL Encyclopedia of Science, 2015\)](#)
    - [Community \(UXL Life Science Resource, July 1, 2009\)](#)
      - Article Section: Ecological Succession
    - [Wetland \(UXL Encyclopedia of Biomes, April 9, 2012\)](#)
      - Article Section: Succession
- Advanced Search: Scientific Method (Basic Content Level selected)
  - [Scientific Method \(UXL Encyclopedia of Science, 2015\)](#)

### **Resources for Students Reading Above Grade Level**

Science In Context

- Advanced Search: Ecological Succession (Intermediate Content Level selected)
  - [Succession \(Environmental Encyclopedia, 2011\)](#)
- Advanced Search: Scientific Method (Intermediate Content Level selected)
  - [Scientific Method \(World Of Earth Science, May 5, 2010\)](#)

## ScienceFLIX

- Life Science
  - Plant Kingdom
    - Explore More
      - Plant Kingdom
        - Plant Succession

*SLO: Describe the relationships among knowledge, decisions and actions in maintaining life-supporting environments*

- *Identify intended and unintended consequences of human activities within local and global environments (e.g., changes resulting from habitat loss, pest control or from introduction of new species; changes leading to species extinction)*
- *Describe and interpret examples of scientific investigations that serve to inform environmental decision making*
- *Illustrate, through example, the limits of scientific and technological knowledge in making decisions about life-supporting environments (e.g., identify limits in scientific knowledge of the impact of changing land use on individual species; describe examples in which aboriginal knowledge – based on long-term observation – provides an alternative source of understanding)*
- *Analyze a local environmental issue or problem based on evidence from a variety of sources, and identify possible actions and consequences (e.g. analyze a local issue on the control of the beaver population in a nearby wetland, and identify possible consequences)*

## **Resources for Students Reading Below Grade Level**

Britannica School: Elementary

- Articles
  - Science and Mathematics
    - Life Sciences
      - Ecology
        - Acid Rain
        - Environment
        - Pollution

PowerKnowledge Life Science

- Green Living
  - Environmental Emergencies
    - Human-Made Disasters
      - [Acid Rain](#)
      - [Chemical Spills](#)
      - [Deforestation](#)
      - [Nuclear Waste](#)
      - [Oil Spills and Ocean Pollution](#)
      - [Toxins in the Environment](#)
  - [Human Impact on the Environment](#)
  - [Pollution](#)
  - [Saving Our Earth](#)

## **Resources for Students Reading At Grade Level**

Britannica School: Middle

- Keyword Search: Environment
  - Environment (Biology)
    - Article Section: Human Impact on the Environment
      - Links Within the Article Section: Deforestation, Pollution, Water Pollution, Environmental Pollution, Air Pollution

Science In Context

- Advanced Search: Environment (Basic Content Level selected)

- [Bioreactor \(Biotechnology: Changing Life Through Science, 2012\)](#)
- [Waste Gas Treatment \(Biotechnology: Changing Life Through Science, 2012\)](#)
- [Organic Farming \(UXL Encyclopedia of Science, 2015\)](#)
- [Environmental Ethics \(UXL Encyclopedia of Science, 2015\)](#)
- [Pollution Control \(UXL Encyclopedia of Science, 2015\)](#)
- Advanced Search: Habitat Loss (Basic Content Level selected)
  - [Habitat Loss \(UXL Encyclopedia of Science, 2015\)](#)
- Advanced Search: Endangered Species (Basic Content Level selected)
  - [Endangered Species \(UXL Encyclopedia of Science, 2015\)](#)

### ScienceFLIX

- Life Science
  - Conservation
    - Read It!
  - Biomes
    - Dive Deeper
      - Biomes in Flux
        - Environmental Pollution

### Crash Course Kids

- [Food Webs: Crash Course Kids #21.2](#)
- [Water Water Everywhere: Crash Course Kids #14.2](#)
- [Climate Change: Crash Course Kids #41.2](#)

## **Resources for Students Reading Above Grade Level**

### Science In Context

- Environmental Monitoring (Topic Page)
  - [Environmental Monitoring \(Environmental Encyclopedia, 2011\)](#)
- Featured Content
  - [Ecological Risk Assessment \(Environmental Encyclopedia, 2011\)](#)
  - [IUCN—The World Conservation Union \(Environmental Encyclopedia, 2011\)](#) – Updated January 2015
- Advanced Search: Environment (Intermediate Content Level selected)
  - Reference



- [Scientific Committee on Problems of the Environment \(Environmental Encyclopedia, 2011\)](#)
- [Urban Ecology \(Environmental Encyclopedia, 2011\)](#)
- [Global Environment Monitoring System \(Environmental Encyclopedia, 2011\)](#)
- [Environmental Design \(Environmental Encyclopedia, 2011\)](#)  
– Updated July 2015
- Advanced Search: Habitat Loss (Intermediate Content Level selected)
  - Reference
    - [Population Ecology \(Biology, 2016\)](#)
- Advanced Search: Endangered Species (Intermediate Content Level selected)
  - Reference
    - [Endangered Species \(World of Biology, 1999\)](#) – Updated September 2013
    - [Conservation Biology \(Environmental Encyclopedia, 2011\)](#)

## ScienceFLIX

- Life Science
  - Biomes
    - Explore More
      - Biomes in Flux
        - Air Pollution
        - Conservation
        - Environmental Movements
        - Environmental Pollution
        - Habitat Destruction
        - Invasive Species
        - Water Pollution

## Teen Health and Wellness

- Green Living
  - Conservation
    - Understanding Conservation

- Environmental Stewardship
    - Why Environmental Stewardship Matters
-