

**NATURE WORKS VIDEOS      K-6**  
**WATER, AIR, AGRICULTURE, LAND**

**WATER QUALITY**

**Kids Science -- Learn About the Sources of Water** **3:57**  
<https://www.youtube.com>

**How Does Water Get to Your Tap?** **4:56**  
<https://www.youtube.com>

*Splash is back! see how water flows from the treatment plants to your Home*

**Importance Of Water (for children)** **1:23**  
<https://www.youtube.com>

*learn about different sources*

**Natural Sources of Water! [1st grade]** **2:54**  
<https://www.youtube.com>

*Pictures and videos of oceans, lakes, streams, and ponds.*

**CBSE Class 2 | Science | Water - Sources of water** **3:36**  
<https://www.youtube.com>

*Water - Sources of water and its Conservation,*

**Clean Water: A Long Journey from the Source to Our Tap** **2:19**  
<https://www.youtube.com>

*Water, the essence of life. We use it every day*

**Clean Water: A Long Journey from the Source to Our Tap** **12:18**  
<https://www.youtube.com>

*Life on earth depends upon water – our most valuable natural resource. While water may seem an abundant ...*

**Science Video for Kids: Natural Resources of the Earth** **5:17**  
<https://www.youtube.com>

*Natural resources are found all over Earth like sunlight, air, water, rocks, soil, plants and animals.*

**Where Did Earth's Water Come From?** **2:59**  
<https://www.youtube.com>

**Kids Science -- Learn About the Sources of Water** **3:57**

**The Water Song** **1:42**

<https://www.youtube.com>

*sing-along for children that promotes water as the best drink*

**GLACIER COLLAPSE & TSUNAMI WAVE** **7:03**

<https://youtu.be/yQqbg0yItqY>

*Icebergs breaking are often up to 3,000 feet in height (1 km)  
As the huge icebergs collapsed, the glacier calving event even  
caused tsunami waves up to 16 feet in height (5 m) breaking  
on the shore.*

**Watersheds and Water Quality** **3:25**

*The land that carries the water you use to a water body is called  
a watershed. A watershed is also known as a drainage basin  
because it is land that allows water to drain to marshes,  
streams, rivers, lakes, or to groundwater.*

**Water Quality Monitoring** **5:51**

*Water Quality Monitoring has taken place in the Conewago Creek  
Watershed. This video explores the importance of gaging progress,  
and explains some monitoring practices such as physical and  
chemical sampling, macro invertebrate sampling, and  
electroshocking fish surveys.*

**Explore More : Water Quality** **1:47 - 2:00 each**

*Water Quality Collection on PBS LearningMedia*

at <http://www.iptv.org/exploremore/water>

**Explore More: Water Quality (Full Program).**

*What are the biggest threats to water quality in your area?*

*Basics of Water Quality*

*How we use water can impact its quality*

*Types of Pollutants that affect water quality*

*Sources of Pollution*

*Water Cycle - Hydrology*

*Watershed & Water Quality*

*Excessive Nutrients, cause poor water quality*

*Poor manure management*

*Impact of urban runoff*

*Active, individual responsibility solves water quality problems*

Homes, industries, wildlife, recreation, and transportation all depend on clean water sources. Everyone uses it, needs it, and many of us take it for granted. These videos examine ways water is used, profiles types of pollution, presents perspectives on the issue of water quality. The water we drink, places we swim, and the plants and animals within our environments are increasingly threatened by pollution. Agriculture and urban runoff, industrial and household uses, and other sources impact this vital resource.

## **WATER POLLUTION**

### **The Great Pacific Garbage Patch Is Not What You Think It Is 7:50**

<https://youtu.be/6HBtl4sHTqU>

The Swim [Ocean health is so important, we're dedicating an entire week to raising awareness of the plastic pollution problem!]

### **Plastic Pollution: How Humans are Turning the World into Plastic 9:01**

<https://youtu.be/RS7IzU2VJIQ>

[Modern life would be impossible without plastic – but we have long since lost control over our invention. Why has plastic turned into a problem and what do we know about its dangers?]

### **Turtle Journey: the crisis in our oceans 1:50**

<https://youtu.be/cQB4RAZVMf4>

**Six out of seven sea turtle species are threatened with extinction. Watch their story and sign the petition calling for a global network of ocean sanctuaries to protect the turtles' homes. From fishing nets and oil spills to climate change and plastic pollution, the threats facing turtles and other sea creatures are getting worse every day. Now we have a chance to turn things around, by making the most vulnerable and important parts of our seas off-limits to destructive industries.**

## **AIR QUALITY**

### **Air Pollution | Video for Kids | Causes, Effects & Solution 2:57**

[https://youtu.be/t7Q7y\\_xjR5E](https://youtu.be/t7Q7y_xjR5E)

Air pollution occurs when gases, smoke, dust or odor get into the air and make it dirty. There are many causes/reasons for air pollution

**Air Pollution 101 | National Geographic**

**3:52**

<https://youtu.be/e6rglsLy1Ys>

**What is air pollution? Learn how greenhouse gasses, smog, and toxic pollutants effect climate change, and human health.**

**Most Air Pollution Results from Human Activity**

**3:53**

<https://vimeo.com/378217514>

**Environment and Pollution**

**10:49**

<https://youtu.be/sW7fxGG9cEM>

**Toxic school run: how polluted is the air that children breathe? 5:50**

<https://youtu.be/i915nt8c3yU>

*Most of Britain's cities have had illegally polluted air for nearly a decade and the effect of air pollution is particularly bad on children. Ahead of Clean Air Day, we conducted an experiment to assess the air quality on a school run in central London, using new state-of-the art monitors that*

**Could Your Phone Hurt You? Electromagnetic Pollution**

**8:42**

<https://youtu.be/FfgT6zx4k3Q>

**LAND USE**

**Urban Farming**

**K-1st · 2nd-3rd · 4th-5th · 6th-8th · 9th-12th**

<https://www.calacademy.org>

*Learn how young people are designing creative solutions to give more  
How can we use urban farming to benefits kids in urban areas?*

**Agriculture Classroom Resources | Purdue University ...**

<https://www.purdue.edu>

*Indiana Farm Bureau— The Ag Classroom, community, non profits help kids understand. Fact sheets, activities, K-5. Can modified Grades 6-8.*

**Planting More than Just Veggies: Student-Created Plans for a ...**

[www.susted.com](http://www.susted.com)

*Urban agriculture improves access to healthy food, promotes ...  
Students divided into “teams”... K-12 students who visited the farm.*

**After-School Program Teaches Students About Urban Farming ...**

[blogs.edweek.org](http://blogs.edweek.org)

*New York middle school give students chance to grow produce without soil*

### **Nation's first K-8 urban farm school teaches kids ...**

<https://inhabitat.com>

Golden Bridges urban farm school in San Francisco, California... Nation's first K-8 urban farm school teaches kids how to grow their own food ....

### **Tossed Out: Food Waste in America**

28:45

<https://youtu.be/mLRjb6LdUFM>

Food waste is the single-largest source of waste in municipal landfills. According to the EPA, 35 billion pounds of food were thrown away in 2011. As it decomposes in landfills, the waste releases methane and other greenhouse gases into the atmosphere. Meanwhile, 1 in 7 Americans struggles with hunger and the world wonders how to address the challenge of feeding 9 billion people by 2050.

### **The Unattainable Trifecta of Urban Agriculture**

<https://www.foodsystemsjournal.org>

Journal of Agriculture, Food Systems, and Community Development, Cities Farming for the Future: Urban Agriculture .....

### **Urban Forestry - Designing Our Future: Sustainable Landscapes**

<https://www.asla.org>

Grades K-5, 6-8 ... Explains the process of photosynthesis ...

### **Why are Earthworms so important**

4:21

<https://youtu.be/uFKaD6NFjDQ>

Earthworms are important for sustainable agriculture.

### **CLIMATE CHANGE**

### **Climate Change Education**

[https://youtu.be/V2SxgtO1\\_vo](https://youtu.be/V2SxgtO1_vo)

[2:44]

The sensitization of Climate change and its adverse impacts are taking place at the school level. Communications Officer for the Disaster Vulnerability Reduction Project at the Department of Sustainable Development, Lucius Doxerie tells us about the campaign to edify young minds on the need to take action to minimize the damage they can cause and the need to take advantage of opportunities that may arise.

### **Introduction to Climate Change - K6**

[3:44]

<https://youtu.be/SX7WyyMIqAs>

*Global warming is the long-term rise in the average temperature of the Earth's climate system. Global warming and climate change are often used interchangeably. Global warming is the mainly human-caused increase in global surface temperatures and its projected continuation, while climate change includes both global warming and its effects, such as changes in precipitation.*

**Climate teach-in #1: Science** [12:44]

<https://youtu.be/XvHCjsDBwxM>

*Bill McKibben, Jim Hensen, Mustafa Ali, etc. on climate*

**Climate teach-in #2: Solutions** [8:15]

[https://youtu.be/cPV\\_coPAkCE](https://youtu.be/cPV_coPAkCE)

*Bill McKibben, Katherine Hayhoe, Mustafa Ali, etc. on climate*

**How trees talk to each other | Suzanne Simard** [18:24]

<https://youtu.be/Un2yBgIAxYs>

**We are all connected with nature: Nixiwaka Yawanawa, TEDxHackney**

[https://youtu.be/xk0-yebNA\\_o](https://youtu.be/xk0-yebNA_o)

[18:38]

**Everything is Connected -- Here's How: | Tom Chi | TEDxTaipei**

<https://youtu.be/rPh3c8Sa37M>

**Everything is Connected -- Here's How: | Tom Chi |** [20:03]\*\*\*

[TEDxTaipeihttps://youtu.be/rPh3c8Sa37M](https://youtu.be/rPh3c8Sa37M)

*Charity water.org*

**Climate change (according to a kid)** 2:11

<https://www.youtube.com>

*Don't get climate change? Watch an animation explaining the phenomenon as a 12-year-old would.*

**Climate Change | Educational Video for Kids** 1:28

<https://www.youtube.com>

*Hello friends, we're very happy to present the first episode of our series "Children can make a WORLD of difference" in which our planet Earth ...*

**Climate Change: Crash Course Kids #41.2** 3:40

<https://www.youtube.com>

*How does climate change? And what happens to environments and ecosystems when it does? In this episode of Crash Course Kids, Sabrina ..*

**Global Warming For Kids | Effects Explained** 8:53

<https://www.youtube.com>

*Global warming and it's effects are explained for kids in this video. ...  
School strike for climate - save the world by changing the rules*

### **ENVIRONMENTAL HEALTH VIDEOS:**

**Great Pacific Garbage Patch Is Not What You Think It Is** 6:50

<https://youtu.be/6HBtl4sHTqU>

**PLASTICS** 4:40

<https://youtu.be/9-dpv2xbFyk>

**FOOD WASTE** 28:45

<https://youtu.be/mLRjb6LdUFM>

**FOOD DESSERTS** 13:11

<https://youtu.be/E6ZpkhPciaU>

**Biotechnology/Nanotechnology** 49:12

<https://youtu.be/XZfUJuSmBAs>

**FARMED NORWEGIAN SALMON** 54:11

<https://youtu.be/RYYf8cLUV5E>

**Farmed Salmon** 1:09

[https://youtu.be/fTCQ2IA\\_Zss](https://youtu.be/fTCQ2IA_Zss)

## **WATERSHED EDUCATION YOUTUBE**

### *Watersheds*

<https://www.youtube.com>

*Video for watershed education for kids youtube ► 5:22*

*This animation covers the basics on what a watershed is. It also discusses how scientists use precipitation ...*

### *Water Education TV: What Is a Watershed?*

<https://www.youtube.com>

*Video for watershed education for kids youtube ► 3:23*

*Real teaching ideas for real educators! In this episode, learn a way to teach about watersheds using ...*

### *Watersheds*

<https://www.youtube.com>

*watershed education for kids youtube ► 11:00*

*Sep 12, 2012 - Uploaded by WaterMattersTV*

*The video, targeting middle and high school students, discusses the function of a watershed and how human ...*

### *What Is A Watershed? - YouTube*

<https://www.youtube.com>

*Video for watershed education for kids youtube ► 1:18*

*Dec 2, 2013 - Uploaded by Battle River Watershed*

*A shed that holds water? Nope. Everyone in the world lives in a watershed. Watch this short video to learn ...*

### *Watersheds Educational Videos | WatchKnowLearn*

[www.watchknowlearn.org](http://www.watchknowlearn.org)

*Educational videos for kids. ... Found by teresahopson in Watersheds.*

*From YouTube, produced by Battle River Watershed ...*

### *What is a Watershed? | Curious Kids | PBS*

5:48

<https://www.pbs.org>

*curious-kids-curious-kids-what-watershed*

*Video for watershed education for kids youtube ► 5:48*

*The Curious Kids discover that we all live in a watershed.*



## **STEM LESSONS**

*K-5 Science Lessons | Supports NGSS in Grades K-5*

[adwww.generationgenius.com/Science-Videos](http://www.generationgenius.com/Science-Videos)

*Video Lessons that Educate & Inspire Kids in Science! Partnered with NSTA. Lesson Plans & Activities. Your Kid = Genius. Free Full Access Trial.*

*Grade K through 12 Watershed Learning Links - EPA*

<https://www.epa.gov>

*watershedacademy > grade-k-through-12-watershed...*

*EPA and the National Environmental Education Foundation (NEEF) offer several online activities to help children, families, K-12 school groups ...*

*WPWA's Childrens' Educational Programs | WPWA*

<https://wpwa.org>

*kids-programs. WPWA is giving children the opportunity to experience the pristine and beautiful upper Wood River. Kids from first grade...*

*Watershed Education - Teachers and Students*

<https://bouldercolorado.gov>

*water > watershed-education-teacher-page*

*The Watershed Outreach Program provides a simple, free and fun way to include new lesson plans in your classroom curricula. The water-related activities, ...*

*watershed learning in the classroom - Resource Conservation ...*

[rcdsandiego.org](http://rcdsandiego.org)

*WEP-Educator-Resources*

*your Watershed Education presentation . ...*

<https://www.youtube.com/watch?v=aZS0qGmbeg>

<https://www.sandiego.gov/water/conservation/kids/>

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