Ecosystems (Science) websites **updated 4/26/2017**

***To open these websites, put mouse over website link (blue-hyperlink) and then press the Ctrl button and left mouse at the same time. This will open the website.***

**Study Jams:**[www.studyjams.com](http://www.studyjams.com) (No individual ecosystems – should watch all videos in this site)

**Discovery Education**username: wcp and NCWISE number (eg., wcp139273) Password: NCWISE number (eg., 139273)  
[www.discoveryeducation.com](http://www.discoveryeducation.com)  
Click on “Assignments” tab, choose “Mr Coysh” in teachers box and then look for current Science unit video’s and boards (goes over multiple pages).

**BrainPop:** username: *wcwilburn* Log-in: *brainpop*  
[www.brainpop.com](http://www.brainpop.com)   
Science 🡪 Ecology & Behavior 🡪 Ecosystems, Energy Pyramid, Food Chains, Migration, Symbiosis.  
Science 🡪 Earth System 🡪 Carbon Cycle, Desert, Everglades, Land Biomes, Nitrogen Cycle, Savanna, Taiga, Tropical Rainforest, Tundra.  
Science 🡪 Our Fragile Environment 🡪 Air Pollution, Greenhouse Effect, Humans and the Environment, Natural Resources, Water Pollution.  
Science 🡪 Diversity of Life 🡪 Algae, Fungi, Energy Pyramid.

**Food Chains Movie:**<http://www.kidsknowit.com/interactive-educational-movies/free-online-movies.php?movie=food%20Chains>

**Food Chains for Kids: Food Webs, the Circle of Life; and the Flow of Energy:**<https://safeshare.tv/x/ss58f631f036c00>

**What is a Food Chain? The Dr. Binocs Show: Educational Videos for Kids**<https://safeshare.tv/x/ss58f64f928b962>

**Fabulous Food Chains: Crash Course Kids #7.1**  
<https://safeshare.tv/x/ss58f650891ba8b>

**Food Webs: Crash Course Kids #21.2**<https://safeshare.tv/x/ss58f651e5153ca>

**Food Chain Interactive website:**<http://puzzling.caret.cam.ac.uk/game.php?game=foodchain>   
<http://www.harcourtschool.com/activity/food/food_menu.html>   
<http://www.ecokids.ca/pub/eco_info/topics/frogs/chain_reaction/index.cfm>  
<http://www.gould.edu.au/foodwebs/kids_web.htm>  
<http://www.ngfl-cymru.org.uk/vtc/Phase3delivery/Wales/Science/Keystage4/Livingthingsand/Feedingrelation/Introduction/act2.swf>  
<http://teacher.scholastic.com/activities/explorer/ecosystems/be_an_explorer/map/foodweb_play.htm>  
<http://www.bbc.co.uk/schools/ks2bitesize/science/living_things/food_chains/play.shtml>

**Living vs. Non-Living sort:**http://www.firstschoolyears.com/science/resources/games/ourselves/living/living.htm

**Producers, Consumers, Decomposers game:**<http://www.sheppardsoftware.com/content/animals/kidscorner/games/producersconsumersgame.htm>

**Animal Characteristics (interactive game):**<http://www.sheppardsoftware.com/content/animals/kidscorner/games/animalclassgame.swf>

**Food Web (interactive game):**<http://www.brainpop.com/games/foodfight/Ecogame.swf>

**Acid Rain and changing pH levels:**http://www.ecokids.ca/pub/eco\_info/topics/frogs/acid\_rain/assets/flash/acid\_lake\_final3.swf

**Quizlet (Ecosystem vocabulary):** (type ecosystems in search box, scroll down to number 19 [Ms. Wallbrown's Ecosystems](http://quizlet.com/1962624/ms-wallbrowns-ecosystems-flash-cards/)**. Click on her name)**  
[www.quizlet.com](http://www.quizlet.com)

**A Touch of Class:** (animal sort based on characteristics)  
<http://sciencenetlinks.com/interactives/class.html>

**Water Pollution: Definition, types and sources:**<http://education-portal.com/academy/lesson/water-pollution-definition-types-and-sources.html#lesson>

**Effects of Water Pollution:**<http://www.youtube.com/watch?v=Y0J7BR9xdhU>

**Water pollution (www.turtlediary.com):**<http://www.youtube.com/watch?v=y1ObvXZDQNs>

**What happens to all the salt we dump on the roads?**<http://www.smithsonianmag.com/science-nature/what-happens-to-all-the-salt-we-dump-on-the-roads-180948079/?no-ist>

**Side Effects of Road Salt:**<http://www.youtube.com/watch?v=hppc5tH_Tdk>

**Effects of Fertilizer on Algae Growth:**<http://www.youtube.com/watch?v=PXsI2Sj1QXA>

**Science Experiment: How fertilizers impact water quality:**<http://www.youtube.com/watch?v=kXtaCIpiM74>

[**Worlds Within the Sea**](http://www.amnh.org/ology/features/divein/game.php)**-**See if you can follow the clues until you have connected all of the creatures in each of the three ocean ecosystems: The Deep Sea, The Coral Reef, and The Continental Shelf.

[**Habitats of the Rainforest**](http://www.amnh.org/ology/features/dzangasangha/)**-**This game is similar to the one above, except that it explores three different ecosystems found in the rainforests of the Central African Republic: The Forest, The Bai, and The River. Click on each of the three boxes to begin your adventure.

[**Life in the City**](http://www.amnh.org/ology/features/lifeinthecity/pages/CityParkLife.swf)**-**You might not think that the city would be a habitat that would support a great diversity of life. This activity takes you to a city park and gives you a closer look at the surprising world around us!

[**Fun with Food Webs**](http://www.harcourtschool.com/activity/food/food_menu.html)**-**See if you can put all of the plants and animals in the correct spots for three different types of food webs- meadow, arctic, & pond habitats.

[**Build a Fish**](http://coolsciencelab.com/build_a_fish.htm)**-**See if you can design a fish with the right adaptations to survive. Try different combinations and see which ones work together.

[**Food Chain Reaction**](https://ecokids.ca/swf-files/gamesPage/chain_reaction.swf)**-**A lot of people don't realize just how much the survival of each plant and animal affects the balance of a food web.  Play this game to learn more.

[**Recycle City**](http://www.epa.gov/recyclecity/mainmap.htm)-Click on different parts of the map to learn more about Recycle City.  Then play the Dumptown Game to learn more about the ways in which we can recycle, reduce, & reuse waste.

[**The Great Habitat Match-Up**](http://www.scholastic.com/magicschoolbus/games/habitat/habitat.htm)**-**The place in which animals live is called their habitat. See if you can match all of the animals with their habitats.

[**Habitats & Food Chains**](http://www.bbc.co.uk/schools/scienceclips/ages/8_9/habitats_fs.shtml)**-**This activity features a woodland and a pond habitat.  Take pictures of 8 different organisms that live in these habitats.  Be sure to click on the magnifying lens to learn more about each organism.  Also, see if you can correctly create 2 different food chains using organisms from these two different habitats.