Websites
1st Grade - Structure, Function, Information Processing

4-H Virtual Farm: Poultry
https://www.sites.ext.vt.edu/virtualfarm/main.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th
Website Type: Student Background;Student Online Activities;Teacher Background
Check out the "virtual chick hatch" at this 4H farming website for nice images and facts about chicken life cycles. Link back to main site for more farming info.

A replica of the complete John James Audubon's Birds of America
http://www.abirdshome.com/Audubon/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Background
A replica of the complete John James Audubon's Birds of America (1840-1844) Includes the full text, color plates, figures and bird calls

A Thousand Friends of Frogs
http://cgee.hamline.edu/frogs/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Background
Connecting children, parents, educators, and scientists to study and celebrate frogs and their habitats. Contains links to frog resources and background information.

ABC Teach
http://www.abcteach.com/
K;1st;2nd;3rd;4th;5th
Website Type: Teacher Activities;Worksheets
This website is full of printable worksheets on an assortment of different topics. Many free printables. You can also sign up for membership to have access to interactives and more.

Aesop's Fables on-line
http://www.aesopfables.com/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Background
This website has a collection of Aesop's Fables and related lesson plans. Nice literature tie for many types of animals

AfterSchool KidzScience
http://www.lawrencehallofscience.org/kidsite/collections-2/afterschool-kidzscience/
K;1st;2nd;3rd;4th;5th
Website Type: Teacher Activities;Teacher Background;Teacher Videos
This webpage offers a range of science kits designed for afterschool programs. These could certainly be used in the general classroom as well. At the bottom of the page is a series of videos on teaching strategies and how to use the kits. Valuable whether you are using the kits or not.

7/2/2019
Websites are an excellent place for finding activity ideas.
Alameda Master Gardener's School Garden Resources
http://acmg.ucdavis.edu/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Website Type: Teacher Background
This site has lots of gardening resources including some specific pages on how to start and school garden and what you can do in it with your students.

All About Frogs for Kids and Teachers
http://www.kiddyhouse.com/Themes/frogs/
K;1st;2nd;3rd;4th;5th;6th;7th;8th

Website Type: Student Background;Student Online Activities;Teacher Activities;Teacher Background
This web site has good background information, printable activities, units for teachers of frogs, frog craft ideas.

All About Snails
http://www.kiddyhouse.com/Snails/snail.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Website Type: Student Background;Teacher Activities;Teacher Background
This site has a lot of general information about snails. Has some advertisements related to snails.

American Arachnology Association
http://www.americanarachnology.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Website Type: Teacher Background
Professional Association for the study of spiders. Has links for a North American Spider Identification Manual

Apples & More
http://www.urbanext.uiuc.edu/apples/edu-introduction.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Website Type: Student Online Activities;Teacher Activities;Teacher Background
A variety of educational activities and projects about apples, including lessons for social studies, science, math, writing

Arctic Animal Crafts
K;1st;2nd;3rd;4th;5th

Website Type: Teacher Activities
This site has whimsical art projects that can be made by students with everyday objects.

Arctic Animals of Alaska
http://score.rims.k12.ca.us/activity/alaska/
K;1st;2nd;3rd;4th;5th

Website Type: Student Background;Teacher Activities;Teacher Background
This is a short unit on Arctic Animals of Alaska. Has links to related websites to support the different lessons inbedded in the webpage.

Art Integration: Easy Ideas Combining Science and Art
K;1st;2nd;3rd;4th;5th

Website Type: Teacher Activities
Site gives 4 great ideas for tying art to your science curriculum.
Ask A Biologist - Arizona State University
http://askabiologist.asu.edu/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th;PK
Website Type: Student Background;Student Online Activities;Teacher Activities;Teacher Background;Worksheets
Ask A Biologist began in 1997 in the School of Life Sciences. The site continues to be developed, and maintained by a dedicated group of volunteers. It is designed as an educational resource for students preK-12, and their teachers and parents. Ask A Biologist is visited by over 9,000 people every day and has answered more than 30,000 questions.

Bat Conservation International
http://www.batcon.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th;PK
Website Type: Student Background;Teacher Activities;Teacher Background
Photos, descriptions, $40 Bat Trunk Rental for teachers. You can also look at PDF versions of their magazine. Lots of information about bats

BatsLive: A Distance Learning Adventure
http://batslive.pwnet.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th;PK
Website Type: Teacher Activities;Teacher Background;Student Videos;Worksheets;Teacher Videos
This site includes videos on various species of bats and the places they live. Find lots of other resources on background information, activity ideas, printable posters and more.

Berkeley's Anise Swallowtail Caterpillars and Butterflies
http://www.berkeleyswallowtails.com/#
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Background
This is a nice website created by a family in Berkeley. It has good tips on how to raise anise swallowtails.

Binford Spider Lab
http://www.lclark.edu/college/departments/biology/binford_spider_lab/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Background
Greta Binford is a Spider Biologist at Lewis and Clark College. Her website has lots of information on all things spider.

Biomimicry Education Network
http://ben.biomimicry.net/curricula-and-resources/youth-curricula/#Elementary
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities
The ultimate biomimicry resource for K-12 educators is now available! Access more than 80 biomimicry lesson plans, activities, videos, and tools geared to students of varied grade levels. The free toolkit features a special orientation for teachers new to biomimicry

Blue Whale Feeding - Science Friday
http://sciencefriday.com/video/12/07/2012/blue-whale-barrel-roll.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Videos
Video and science behind Blue Whales doing barrels rolls while diving for krill.

7/2/2019  Websites are an excellent place for finding activity ideas.
**Bottle Biology**

http://www.bottlebiology.org
1st;2nd;3rd;4th;5th;6th;7th;8th

**Website Type: Teacher Activities; Teacher Background**

This website contains how to's for several different bottle biology columns. Decomposition, Kimchee, and a TerrAqua Column

**Bottle Biology Lesson Plans**

1st;2nd;3rd;4th;5th;6th;7th;8th

**Website Type: Teacher Activities; Teacher Background**

This website contains how to's for several different bottle biology columns. Decomposition, Kimchee, and a TerrAqua Column

**Bottle Habitat Lesson Plan**

http://www.reachoutmichigan.org/funexperiments/agesubject/lessons/bottle.html
1st;2nd;3rd;4th;5th;6th;7th;8th

**Website Type: Teacher Activities; Teacher Background**

Students will construct an aquatic ecosystem in a two-liter pop bottle. The stock organisms will be: water plants, snails, and fish. Students will record data concerning the observations they make over a four-week period.

**Bug Hunt!**

http://www.lawrencehallofscience.org/kidsite/portfolio/bug-hunt/
K;1st;2nd;3rd;4th;5th

**Website Type: Student Background; Student Online Activities; Teacher Activities**

Billions of bugs and other insects live on Planet Earth. How many kinds can you find? Go on a hunt for ants, butterflies, ladybugs and more. Record what you find, submit your data online, and discover where different kinds of insects live all over the United States.

**Bug Scope**

http://bugscope.beckman.uiuc.edu/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

**Website Type: Student Online Activities; Teacher Activities; Teacher Background**

The Bugscope project is an educational outreach program for K-12 classrooms. The project provides a resource to classrooms so that they may remotely operate a scanning electron microscope to image "bugs" at high magnification. The microscope is remotely controlled in real time from a classroom computer over the Internet using a web browser. The page also has many close up images of insects and descriptions.

**Bugbios: Entomoglogical Database of Very Cool Bugs**

http://www.insects.org/entophiles
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

**Website Type: Teacher Background**

The Entophiles currently contain 150 photographs (52 ) from California, Brazil, Ecuador, Indonesia and Hawaii. You'll also find frequently asked questions (FAQ's), information about insect macrophotography equipment, shoot locations and photo usage information

**BugGuide.net**

http://www.bugguide.net
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

**Website Type: Teacher Background**

BugGuide.net is an online resource devoted to North American insects, spiders and their kin, offering identification, images, and information.
Building a Terrarium
https://kidsgardening.org/garden-activities-building-a-terrarium/
K;1st;2nd;3rd;4th;5th;PK
Website Type: Teacher Activities;Teacher Background
Instructions on how to make a simple terrarium in a 2 liter bottle.

Butterflies and Moths of North America
http://www.butterfliesandmoths.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
Butterflies and Moths of North America is a searchable database of verified butterfly and moth records in the United States and Mexico. This site includes dynamic distribution maps, photographs, species accounts, and species checklists for each county in the U.S. and each state in Mexico.

California Foundation for Agriculture in the Classroom
http://www.cfaitc.org
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
Resource that connects agriculture to your science curriculum. Simple machines, plants, life cycles, meeting needs, interdisciplinary topics and more. Lessons are split into K-3, 4-6, 7-8, and 9-12. Plus a Teacher Resource Guide. Everything is free to download.
For resources in Spanish: <http://www.cfaitc.org/spanish/>

Camouflage Field Guide
K;1st;2nd;3rd
Website Type: Student Online Activities
This website lets kids play with different environments and animals to see which can camouflage themselves best.

Cells For Kids
http://www.kathimitchell.com/cells.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
This is a site full of links on how to study cells. Most of links are on different ways to model cells, but there is a lot more, too.

Chickscope
http://chickscope.beckman.uiuc.edu/
K;1st;2nd;3rd;4th;5th;6th;7th;8th
Website Type: Student Background;Teacher Activities;Teacher Background
Using computers in the classroom with access to the Internet, students and teachers are able to access data generated from the latest scientific instruments. The goals include an increased understanding of the process of gathering scientific data and the opportunity to interact with scientists from several disciplines and students in other classrooms. The access to unique scientific resources and expertise provides motivation for learning science and mathematics and stimulates interest in the scientific world.

Common Trees of the Pacific Northwest
http://oregonstate.edu/trees/index.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Student Online Activities;Teacher Background
How to identify trees of the Pacific Northwest (Many are common to California as well). Has a nice on-line dichotomous key and a "mystery tree" section that lets you test your identification skills using the dichotomous key.
Comunidad Educativa de Castilla y Leon Water Cycle -site in Spanish
http://www.educa.jcyl.es/en
1st;3rd
Website Type: Student Online Activities; Worksheets
Click-through explanations of the different Kingdoms of living things for students, as well as games and worksheets. Content is in Spanish.

DFG - California Plant and Animal Species
http://www.dfg.ca.gov/wildlife/nongame/genplantsanimals.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Background
Lots of information from the Departmet of Fish and Game on California Wildlife. Links and pictures

Dichotomous Tree Key
http://dnr.wi.gov/org/caer/ce/eed/v/gtreekey/index.htm
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background; Student Online Activities; Teacher Background
Learn how to identify different trees with this nice simple Dichotomous Tree Key

Ebird
http://www.ebird.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th
Website Type: Student Background; Student Online Activities; Teacher Background
Found a bird of a different feather? Keep track of your flighty sightings at this site for birders everywhere. You can also access data submitted by others across the country. Be a part of a nationwide effort to learn more about the habitats and habits of North American birds!

Edu Place - Animal Activities
http://www.eduplace.com/cgi-bin/searchengine.cgi?SEARCH=Animals&WORD_POINTS=0,1,0,0
K;1st;2nd;3rd;4th;5th;6th;7th;8th
Website Type: Teacher Activities
More than 40 grade-level activities about animals from Houghton Mifflin's on-line library of classroom activities. Check their index for activities in other subjects too!

Enchanted Learning "Label Me" Printouts
http://www.enchantedlearning.com/label/
K;1st;2nd;3rd;4th;5th;6th;7th;8th
Website Type: Student Background; Teacher Activities
This Web site contains elementary-level diagrams on many subjects which may be printed out and labeled for practice. The diagrams come with a word bank, complete with definitions printed on the same page. Diagrams are available, including the human eye, ear, brain, skeleton, teeth, plant parts, animals and insects, geology and weather. Some diagrams also available in French, German, Italian, or Spanish.

EPA Explorers Club
http://www.epa.gov/students/index.html
1st;2nd;3rd;4th;5th
Website Type: Student Background
Natural resources activities and information. Fun and interesting activities, facts, and resources for kids and teachers about plants and animals, garbage and recycling, and the environment.
Essig Museum of Entomology  
http://essig.berkeley.edu/  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
Website Type: Teacher Background  
Website for the Museum of Entomology at the University of California, Berkeley. Has a section on the insects and spiders of California, including those that are endangered.

Explore.org Live Cams  
http://explore.org/#!/live-cams/player/honey-bee-hive-cam  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th;PK  
Website Type: Student Videos  
Explore.org has a collection of live cams from around the world. Some are in museums/nature centers. Others are outdoors. Honey Bee Cam, Penguin Cam, Seal Cam, Wave Cam, kelp forest cam. Lots of options for animals and environments.

Exploring Hide & Seek  
http://www.units.muohio.edu/dragonfly/hide/index.shtml  
K;1st;2nd;3rd;4th;5th  
Website Type: Student Online Activities  
Here you can explore nature’s game of hide and seek -- how predator and prey camouflage themselves and try to hide from each other. There are several different online activities.

Forest/tree Resources  
http://www.logging.org/kids/kids.html  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
Website Type: Teacher Activities  
Kids site set up by Montana Logging Association. Has very nice coloring pages for many species of trees.

Frogland  
http://allaboutfrogs.org/frogland.shtml  
K;1st;2nd;3rd;4th;5th  
Website Type: Student Background;Student Online Activities;Teacher Background  
This website about frogs is kind of wacky but has some good facts and some silly games for kids. There is a small "teachers corner" with some ideas for the classroom and links to other things.

Frogs and Toads in Color and Sound  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
Website Type: Student Background;Teacher Background  
Frog and Toad photographs and calls.

Fruits, Seeds and their Dispersal  
http://www.saps.org.uk/primary/teaching-resources/223-fruits-seeds-and-their-dispersal  
K;1st;2nd;3rd;4th;5th  
Website Type: Teacher Activities;Teacher Background  
Plants have a variety of ways in which they disperse their seeds, or the fruits containing the seeds. Four main groups of dispersal mechanisms can be recognized: animal, wind, water and self-dispersal. The size, shape and color of the fruit and seed, together with other features, reflect the method of dispersal.
Green Schoolyard Resource Directory
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Background
Green Schoolyard Resource Directory for the San Francisco Bay Area For schools, parents, teachers, students, designers, and community members in San Francisco and around the Bay Area.

Growing Minds - Farm to School
http://growing-minds.org/lesson-plans/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Activities;Teacher Background
This site has a nice selection of activities and resources about how to create and use a school garden and its bounty

Incubation and Embryology
http://www.urbanext.uiuc.edu/eggs/index.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
This course is designed to provide elementary and high school teachers with knowledge on the chicken's egg, its importance to man, and its role in reproduction of the species. Age appropriate lessons are given for each grade level. It also has how-to's about incubating and raising chickens in the classroom.

Kids Gardening Website
https://kidsgardening.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th
Website Type: Teacher Activities;Teacher Background
Great ideas for teaching from the garden – check out the unit on creating dyes from plants! A teacher resource website with information on grants, classroom stories, and ideas for getting gardening into the classroom.

Kids Health
http://kidshealth.org/kid/index.jsp
K;1st;2nd;3rd;4th;5th;6th;7th;8th
Website Type: Student Background;Student Online Activities;Teacher Background
KidsHealth has separate areas for kids, teens, and parents - each with its own design, age-appropriate content, and tone. There are thousands of in-depth features, articles, animations, games, and resources.

Kids Health in Classrooms
https://classroom.kidshealth.org/index.jsp
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th;PK;TK
Website Type: Student Background;Student Online Activities;Teacher Background
KidsHealth in the Classroom offers educators free health-related lesson plans for all grades and subject areas. Each Teacher’s Guide includes discussion questions, activities, and reproducible handouts and quizzes all aligned to national health education standards.

KidsHealth in the Classroom
http://classroom.kidshealth.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Student Online Activities;Teacher Activities;Teacher Background
Get on board with KidsHealth's new online resource for educators! KidsHealth in the Classroom offers free health curriculum materials for all grades and subject areas. Each teacher's guide includes discussion questions, activities, and reproducible handouts and quizzes - all aligned to recently updated national health education standards.
KidZone - Activity ideas on bats
http://www.kidzone.ws/animals/bats/activities.htm
K;1st;2nd;3rd;4th;PK
**Website Type:** Worksheets
This KidZone page has links to worksheets, color sheets, puzzle pages

KidZone - Penguins
http://www.kidzone.ws/animals/penguins/index.htm
K;1st;2nd;3rd;4th;5th
**Website Type:** Student Background;Student Online Activities;Teacher Activities;Teacher Background
This website on Penguins (and much more) has activities for kids and teachers, good background information and photos.

Lawrence Hall of Science Kid's Corner
http://www.lawrencehallofscience.org/kidsite/
K;1st;2nd;3rd;4th;5th
**Website Type:** Student Online Activities;Teacher Activities
Has the following on the Kid's page: Bat Quiz, Tower of Hanoi, Feline Facts Quiz, Virtual Cat Show, Chem Mystery, Star Clock, Mr. Bones, Kids' Web Pages, Mapping Fish Habitats, Juice Bottle Jingles, Tree Homes, TEAMS, Meet the Surf City Kids!, Biology Lab, Shongo Networks, Whale Songs, What is Your Foot Doing? Parents can visit "Home Activities!" for at-home lesson ideas.

Let's Talk About Insects
http://www.urbanext.uiuc.edu/insects/01.html
1st;2nd;3rd;4th;5th;6th
**Website Type:** Student Background;Student Online Activities;Teacher Activities;Teacher Background
Has audio in both English and Spanish that allows the site to be used by younger students. Learn how insects grow and develop (metamorphosis), and learn the importance of insects in our environment. The Teacher guide section of the website has good ideas about activities with insects for the classroom.

Meet the "Treetures"
http://www.treetures.com/Meet1.htm
K;1st;2nd;3rd;4th
**Website Type:** Student Background;Student Online Activities;Teacher Activities;Teacher Background
Treetures is an environmental education program that focuses on trees. It uses whimsical characters - the treetures - that help introduce students to tree planting and care. Good content embedded in the stories of these treetures.

Missouri Botanical Garden Rainforest Pages
http://www.mbgnet.net/sets/rforest/index.htm
K;1st;2nd;3rd;4th;5th;6th;7th;8th
**Website Type:** Student Background;Student Online Activities;Teacher Background
General site that has pictures and background information about the plants and animals of the rainforest, both temperate and tropical. Includes a page of rainforest links.

MonarchWatch Butterfly Gardening
http://www.monarchwatch.org/garden/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
**Website Type:** Student Background;Teacher Activities;Teacher Background
A comprehensive web site dedicated to the cultivation of butterfly gardens with links to purchase plants, larvae, and other needs.
**Monterey Bay Aquarium Activities Page**  
[https://www.montereybayaquarium.org/education/classroom-resources/games-and-activities](https://www.montereybayaquarium.org/education/classroom-resources/games-and-activities)  
K;1st;2nd;3rd;4th;5th;6th  
**Website Type:** Student Background;Student Online Activities;Teacher Activities;Teacher Background  
This site has both printable and on-line activities for kids about the animals that live at and around the Monterey Bay.

**Mrs. Jones Bat Page**  
K;1st;2nd;3rd;4th;PK  
**Website Type:** Teacher Activities;Teacher Background;Student Videos;Worksheets;Teacher Videos  
This website was set up by an elementary teacher. She has included links to lots of videos about bats, craft ideas and literature connections.

**National Geographic - Emperor Penguin Page**  
K;1st;2nd;3rd;4th;5th  
**Website Type:** Student Background;Student Online Activities;Teacher Activities;Teacher Background  
Videos, slide shows, coloring pages and more.

**National Science Digital Library**  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
**Website Type:** Student Online Activities;Teacher Activities;Teacher Background  
This website is a huge resource for finding activity ideas, videos, photos and news about science and technology. They have a section specifically devoted to K-12 teachers.

**National Zoo Reptiles and Amphibians**  
[https://nationalzoo.si.edu/animals](https://nationalzoo.si.edu/animals)  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
**Website Type:** Student Background;Teacher Background  
Good site for background information on a wide variety of reptiles and amphibians. Limited kids page.

**NORINA - database for dissection alternatives and supplements**  
[https://norecopa.no/norina](https://norecopa.no/norina)  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
**Website Type:** Teacher Background  
NORINA is an English-language database containing information on over 3,800 audiovisual aids that may be used as alternatives or supplements to the use of animals in teaching and training, including dissection alternatives.

**Notice and Wonder**  
K;1st;PK  
**Website Type:** Teacher Activities  
How can you turn a snail, worm, or roly-poly into an object of inquiry for a young learner? Simply ask a few questions! With this activity, you can help guide students in making observations of a living thing and asking relevant questions about its characteristics or behavior.

---

7/2/2019  
Websites are an excellent place for finding activity ideas.
Oakland Zoo
http://www.oaklandzoo.org/Animals.php
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

**Website Type:** Student Background; Teacher Background
This website lets you look at all the animals at the zoo in pictures and descriptions.

Old Farmer's Almanac for Kids
http://www.almanac4kids.com/weather/index.php
K;1st;2nd;3rd;4th;PK

**Website Type:** Student Background; Student Online Activities; Teacher Activities; Teacher Background; Teacher Video
This website is designed for elementary school students to look at weather forecasts, astronomy and backyard animals. You can easily switch between locations to look at other areas of the country.

Operation RubyThroat, the hummingbird project
http://www.rubythroat.org/
K;1st;2nd;3rd

**Website Type:** Teacher Activities; Teacher Background
This online project provides background information and teacher activities. The Ruby-throated hummingbird does not breed regularly or migrate in California, but the lessons can provide an introduction to local species, like butterflies.

Paso Partners Bilingual Instruction
http://www.sedl.org/scimath/pasopartners/
K;1st;2nd;3rd;4th;5th

**Website Type:** Teacher Activities; Teacher Background
The resource is designed to help elementary school teachers organize their classrooms and instructional activities in order to increase achievement of Hispanic primary-grade children whose first language is not English. The guides offer a curriculum plan, instructional strategies and activities, suggested teacher and student materials, and assessment procedures. Bilingual lessons on Five Senses, Spiders, Dinosaurs, Plants & Seeds, Human Body, Health, Oceans, Weather, Matter, Sun & Stars, Sound, Simple Machines.

Pinterest Page on Bottle Biology Projects
1st;2nd;3rd;4th;5th;6th;7th;8th

**Website Type:** Teacher Activities; Teacher Background
This pinterest page has lot of links to bottle biology projects

Pinterest Page: Kindergarten--Insects & Butterflies
K;1st

**Website Type:** Teacher Activities
This Pinterest page has a wide variety of activity pins for insects for Kindergarten. You do not need to belong to Pinterest to see the page

Pinterest: Bugs, Spiders, & Insects----ick!
K;1st

**Website Type:** Teacher Activities
This Pinterest page has a wide variety of activity pins for insects for Kindergarten. You do not need to belong to Pinterest to see the page

7/2/2019
Websites are an excellent place for finding activity ideas.
**Project Feeder Watch**  
http://birds.cornell.edu/PFW/  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
**Website Type:** Student Background; Student Online Activities; Teacher Background  
FeederWatch helps scientists track broad scale movements of winter bird populations and long-term trends in bird distribution and abundance. Groups put up a feeder, count the birds that visit, and send their data to scientists.

**Salmon in the Classroom activity guide**  
http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/20489/em8910-e.pdf  
K;1st;2nd;3rd;4th;5th;6th;7th;8th  
**Website Type:** Teacher Activities; Worksheets  
From Oregon. Some lesson plans and some graphics/worksheets.

**Salmon Lessons**  
http://idahoptv.org/sciencetrek/topics/salmon/teachers.cfm  
K;1st;2nd;3rd;4th;5th;6th  
**Website Type:** Student Online Activities; Teacher Activities; Teacher Background; Worksheets  
From Idaho public television. Geared towards elementary level. A good place to find a wide range of resources.

**Salmon Life Cycle Sing Video**  
https://www.youtube.com/watch?v=5DqjsWsY8-g  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
**Website Type:** Student Videos  
about 3 minutes. A parody of "I will Survive"- this educational video takes an inside look into the lives of salmon- their dangerous journeys, emotional struggles, and ironically, their eventual deaths.

**Salmon Life Cycle Sing Video**  
K;1st;2nd;3rd;4th;5th;6th;7th;8th  
**Website Type:** Student Background; Student Online Activities; Teacher Activities; Student Videos  
From PBS dragonflyTV. Kid centric episode on salmon. Website also has additional fish activities and information.

**Salmon Life Cycle Video - Discovery**  
https://www.youtube.com/watch?v=5DqjsWsY8-g  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
**Website Type:** Student Videos  
about 3 minutes. Good general information. Live action.

**Save the Redwoods League**  
http://education.savetheredwoods.org/kit/learn.php  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
**Website Type:** Student Background; Student Online Activities; Teacher Activities; Teacher Background  
The website has many valuable resources about redwood trees and their habitats. Older students will enjoy the Redwoods Transect Lessons.

**Science and Nature Videos from Hidden Villa**  
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
**Website Type:** Student Videos; Teacher Videos  
12/7/2019
To assist educators in teaching science concepts we have developed 30 short videos that can help build students' life science knowledge and retention. Each video is a demonstration of a standard from the new NEXT GENERATION SCIENCE STANDARDS, but you can use them right now with your current curriculum. Teachers can use these short videos to:
* Introduce a concept
* Get students excited to learn about science
* Stimulate class discussion and exploration
* Show students real world examples

Science for Kids - Human Body
http://www.sciencekids.co.nz/videos/humanbody.html
K;1st;2nd;3rd;4th;5th

Website Type: Student Background;Student Online Activities;Teacher Activities;Teacher Background;Student Video
The Human Body page on Science for Kids has games, experiments, images, videos, facts, lessons and activities on different human body systems

Science On-line - Cells
http://classroom.jc-schools.net/sci-units/cells.htm
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Website Type: Teacher Activities;Teacher Background
Page all about cells delineated by grade level.

Science Plants
http://classroom.jc-schools.net/basic/sciplants.html
K;1st;2nd;3rd;4th;5th

Website Type: Student Online Activities
This website has a bunch of links to other websites with online activities for students on plant parts, vascular plants, and more.

Scientists @ the Smithsonian
http://www.smithsonianeducation.org/scientist/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Website Type: Student Background;Teacher Background
Scientists aren't just nerds who wear lab coats. All kinds of people become scientists. And scientists do all kinds of things. Watch and read about these scientists at the Smithsonian. What kind of scientist would you like to be?

Sea World Teacher Guides
https://seaworld.org/teachers/classroom-resources/teachers-guides/
K;1st;2nd;3rd;4th;5th;6th;7th;8th

Website Type: Teacher Activities;Teacher Background
This site has downloadable teacher guides on many topics and grade levels having to do with Marine life. Examples are "Orcas," "Sea Lions and Seals," and "Penguins."

Seeds Dispersal
K;1st;2nd;3rd;4th;5th

Website Type: Teacher Activities;Teacher Background
Through these activities children can learn:
* that there are variations in seed shapes
* that these variations are important because they help the seed to reach a suitable habitat and to colonise new areas, free of competition from their own species.

7/2/2019 Websides are an excellent place for finding activity ideas.
Shedd Educational Adventures
http://www.sheddaquarium.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Student Online Activities;Teacher Background
Shedd Educational Adventures (SEA) contains a treasure trove of aquatic science resources for K-12 teachers and students.

Skulls
http://www.calacademy.org/exhibits/skulls/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Background
Learn about skull structure and function, skull diversity, the living tissue associated with bones, and the role of the academy's skull collection in scientific research.

Slug and Snail PowerPoint Presentations
https://animals.pppst.com/snails.html
K;1st;2nd;3rd;4th;5th;8th
Website Type: Teacher Activities;Teacher Background
Free PowerPoint Presentations on snails and slugs.

Smile Program of Biology Lesson Resources
http://www.iit.edu/~smile/biolinde.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
Teachers participating in the SMILE (Science and Mathematics Initiative for Learning Enhancement) summer session programs each create a single concept lesson plan. Caution: Since there is a wide number of authors who have contributed to the database, the detail and quality of the lesson plans will vary.

Smithsonian Arctic Studies Center - Arctic Wildlife
http://www.mnh.si.edu/arctic/html/wildlife.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Student Online Activities;Teacher Activities;Teacher Background
The Arctic Studies Center explores the history of northern peoples, cultures, and environments and the issues that matter to northern residents today. This page specifically gives information on the wildlife of the arctic

Snail Activities
http://tlc.howstuffworks.com/family/snail-activities.htm
K;1st;2nd;3rd;4th;5th
Website Type: Teacher Activities
This site has activity ideas for "snail locomotion", "snail shelters", "making tracks" and craft ideas. Is a commercial site with advertizements.

Snail Activity
http://www.sciencekids.co.nz/lessonplans/animals/snails.html
K;1st;2nd;3rd;4th;5th
Website Type: Teacher Activities
Sure, snails appear a little slow but that's no reason why we can't race them! Enjoy the great snail race and learn some interesting facts about these unique creatures. This is a great activity to get kids involved so scroll down for the full lesson plan.
Snail-World.com
http://www.snail-world.com/
K;1st;2nd;3rd;4th;5th;8th
Website Type: Teacher Background
General site with interesting facts about different kinds of snails. Snails in culture, food, different kinds of snails....Some advertising on site.

Teacher Resource Guide to Agriculture issues
https://learnaboutag.org/resources/index.cfm
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
Search the guide on-line or order your free copy. Has resources on all sorts of things related to agriculture. How to grow plants and animals and how farming is related to nutrition and habitat health

Teacher's Corner
http://thematicunits.theteacherscorner.net/plants.php
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
Many websites and lesson plans about plants and seeds, plant behavior in different seasons, etc. Includes book suggestions with links fo ordering info at Amazon.com.

The Chick Hatchery
http://www.msichicago.org/online-science/videos/video-detail/activities/the-hatchery/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background
This site from the Museum of Science and Industry in Chicago features a Quicktime video of chicks hatching.

The Crab Street Journal
http://crabstreetjournal.org/wp/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Background
This page offers teaching ideas, background info and a kidzone all on hermit crabs.

The Forest Foundation
http://www.calforestfoundation.org/materials/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Student Online Activities;Teacher Background
This website has lots of free resources for teachers and students when studying the forest habitats of California. Geared for grade 3+ but lots of good content for teachers of the younger grades.

The Gateway to Educational Materials
http://www.thegateway.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
GEM is sponsored by the U.S. Department of Education and is a special project of the ERIC Clearinghouse on Information & Technology. Teachers, parents, administrators can search or browse The Gateway and find thousands of high quality educational materials, including lesson plans, activities, and projects from over 200 GEM Consortium member sites: Has activities on habitat as well as many other subjects.
The Hummingbird Website
http://hummingbirdworld.com/h/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Background
This is an extensive site about hummingbirds. There is information on identifying hummingbirds, poetry and legends about hummingbirds and more.

The Insects Homepage
http://earthlife.net/insects/six.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Background
Wonderful world of insects has interesting facts and links to insects with amazing adaptations, insect habitats, sexual characteristics, anatomy and insect orders.

The School Garden Wizard
http://www.schoolgardenwizard.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Activities;Teacher Background
The School Garden Wizard is a resource for educators and volunteers planning a school garden from the ground up.

Twiggle Magazine - Arctic Animal Activities
K;1st
Website Type: Student Background;Teacher Activities;Teacher Background
Twiggle Magazie designed this lesson plan with literature connections, printable booklets and worksheets, color sheets and more. Nice resource for pre-k to 1st grade

University of California Berkeley Library Digital Image Finder
http://cluster4.lib.berkeley.edu:8080/ERF/servlet/ERFmain?cmd=searchResType&resTypeId=14
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
Use this site to find images from a myriad of topics.

USGS - Patuxent--Tools for Learning About Birds
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Student Online Activities;Teacher Activities;Teacher Background
This is a great site about birds. It has photos, songs, life histories, seasonal bird maps and a bird quiz

WatchKnowLearn.org
http://www.watchknowlearn.org/
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Student Background;Teacher Background;Student Videos;Teacher Videos
This website has free educational videos on all topics (including science) for all age levels. There is specifically a section for younger learners.
Westward Frog
http://ice.ucdavis.edu/CANVDecliningAmphibians/oldpage/wwfrog.html
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Background
Contains resources for frog biology background. Has photos and sound clips of western frogs.

What Would Happen
http://www.calacademy.org/educators/lesson-plans/what-would-happen
K;1st;PK
Website Type: Student Background;Teacher Activities
By examining invertebrates, students as young as preschoolers can experience the process of inquiry, spark and satisfy curiosity about living things, make and test predictions, and communicate the results of the investigation.

Wisconsin Fast Plants
http://www.fastplants.org
K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Website Type: Teacher Activities;Teacher Background
To know a plant, grow a plant! Exploration, discovery, and the scientific process come alive when your students grow Fast Plants in the classroom. These petite, hardy, attractive members of the mustard family whiz through an ultra-short life cycle in about 35-45 days. At their peak, the tallest plants only reach a height of 30 cm (about 12 inches); most plants are even shorter. Their website is education friendly and has activities ready to use in the classroom.

Worms, Snails and Slugs...Oh My!!
K;1st;2nd;3rd;4th;5th;8th
Website Type: Teacher Activities;Teacher Background
Teachers’ blog on K-2 lessons for invertebrates. Connects literature and hands-on lessons.