

# **VERTEBRATES**

# AMPHIBIANS

Amphibians are vertebrates that spend part of their lives under water (breathing with **gills**) and the remainder on land (breathing with **lungs**). Amphibians are **cold-blooded**; their body temperature depends on the temperature of their environment.

All amphibians have moist skin (their skin must be moist to absorb oxygen, even though they breathe with their lungs).

Most amphibians lay shell-less, jelly-covered eggs, usually in the water.

There are **three** groups (orders) of living amphibians:

- frogs and toads (**anurans**);
- newts and salamanders (**urodeles**);
- caecilians (the worm-like **gymnophiones**).

**Frogs** are amphibians, animals that spend part of their lives under water and the remainder on land. They have long, powerful jumping legs and a very short backbone. Most frogs have teeth (but toads do not).

**Toads** are amphibians, animals that spend the early part of their lives under water (as eggs and tadpoles) and the remainder on land. These nocturnal animals hunt at night and spend the day sheltered in a cool spot. Toads spend less time in the water than frogs. Toads are found all over the world except polar environments and Australia.

**Salamanders** are amphibians that retain their tail as an adult. They are animals that begin their lives in the water breathing with gills; as they mature, they develop lungs and breathe air. Salamanders look like lizards without scales. Salamanders are mostly found in the Northern Hemisphere (North America, Europe, and Asia). **Newts** are brightly colored salamanders. These small amphibians are found in moist, wooded areas in North America, Europe, and Asia.

**Caecilians**, worm-like amphibians, are found over four continents in their land forms, and at least one fully aquatic (water dwelling) sub-family exists in South America. Also known as **Gymnophiona**, Caecilians closely resemble burrowing snakes, but do not have external scales. They range in size from inches to several feet, with diameters up to an inch or two.

## Vocabulary:

amphibian (Greek for 'double life')

gills

lungs

tadpole

hibernate

webbed feet

sucker

cold-blooded

metamorphosis

herps

herpetologist

**Basics:**

They are cold-blooded vertebrates.

They always live the earliest part of their life cycle in water.

Most lay eggs (a few salamanders and frogs give birth to live young).

Most go through metamorphosis.

As adults, they breathe oxygen with lungs and also through skin.

They have soft skin which can dry out quickly.

Were it not for the awful taste and sometimes poisonous toxins it produces, they would make tempting meals for a number of predators.

Know these categories of amphibians: frogs, toads, newts, salamanders and caecilians (see-SIL-ee-uns) – a group of worm-like animals with backbones that burrow.

**Projects/Field Trips:**

Use Venn diagrams to differentiate between frogs and toads.

Frogs

- Green or brown.
- No warts on body.
- Smooth, wet skin.
- Narrower body and waist.
- Live near or on water.
- Run away from enemies.
- Long hind legs.
- Lay eggs in clusters.

Toads

- Darker than frogs.
- Warts on body.
- Bumpy, dry skin.
- Broader, flatter body.
- Live on land, breed in water.
- Can blow up their bodies to scare enemies.
- Shorter legs than frogs.
- Lay eggs in strands.

See examples of amphibians at Animal Jungle.

**Videos:**

Amphibians: Amazing Animals ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Animal Profiles: Frogs ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Creature Features (<http://kids.nationalgeographic.com/Animals/CreatureFeature>)

Several videos and more available here. Click on “Amphibian.”

Frogs Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2041](http://www.newtonsapple.tv/video_only.php?id=2041)

**Free National Geographic Videos:**

[http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog\\_bull.html](http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog_bull.html)

[http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/toad\\_cane.html](http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/toad_cane.html)

[http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog\\_waterholding.html](http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog_waterholding.html)

[http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog\\_mudpuddlemate.html](http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog_mudpuddlemate.html)

[http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog\\_northern\\_leopard.html](http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog_northern_leopard.html)

[http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog\\_greentree\\_lifecycle.html](http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog_greentree_lifecycle.html)

[http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog\\_strawberrypoisondart\\_tadpole.html](http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog_strawberrypoisondart_tadpole.html)

[http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog\\_tadpole\\_development.html](http://video.nationalgeographic.com/video/player/animals/amphibians-animals/frogs-and-toads/frog_tadpole_development.html)

**Activities:**

Coloring Pages:

[http://www.nationalgeographic.com/coloringbook/tree\\_frogs.html](http://www.nationalgeographic.com/coloringbook/tree_frogs.html)

Tadpole Transformation Paper Craft:

<http://teacher.scholastic.com/lessonrepro/lessonplans/profbooks/tadpole.pdf>

All About Frogs for Kids and Teachers:

<http://www.kiddyhouse.com/Themes/frogs/>

Frog Life Cycle Worksheets:

<http://bogglesworldesl.com/froglifecycle.htm>

Frog Printables:

<http://www.kidzone.ws/lw/frogs/activities.htm>

Leaping into Books about Frogs:

<http://missrumphiuseffect.blogspot.com/2008/02/leaping-into-books-about-frogs-and.html>

Frog Lapbook:

<http://www.homeschoolhelperonline.com/lapbooks/frogs.htm>

[http://www.homeschoolshare.com/Frog\\_Lapbook.php](http://www.homeschoolshare.com/Frog_Lapbook.php)

Lots of Free Worksheets at (you must become a member / free)

<http://www.learningpage.com>

# REPTILES

Reptiles (meaning "to creep") are a group of animals that have **scales** (or modified scales), **breathe air**, and usually **lay eggs**. The term reptile is loosely defined in everyday English to mean scaly, **cold-blooded**, egg-laying animals. The maintenance of body temperature (cold- vs. warm-blooded) is not a factor in this classification, but skull and egg structure are.

There are four main groups of reptiles:

1. turtles and tortoises
2. lizards and snakes
3. crocodiles and alligators
4. tuatara

## Vocabulary:

carnivore  
scales  
plates  
molting  
hibernate  
burrow  
egg tooth  
cold-blooded  
herps  
herpetologist

## Basics:

They are cold-blooded vertebrates.

They breathe through lungs.

They all have scales (or plates, in the case of turtles) that prevent them from losing moisture through their skin and protects against injury. Scales are made up of keratin, the same material found in fingernails.

Most lay eggs and have four legs (snakes have no legs). Reptile babies can feed themselves.

Land-dwelling reptiles lay eggs with hard shells, aquatic with soft.

All reptiles, even sea snakes, breathe air through lungs.

Reptiles can go a long time without eating because they don't require the energy (which comes from food) to maintain a constant body temperature.

Some reptiles spend most of their time in water, like crocodiles, alligators, turtles, some species of snakes, and some species of lizards. Many spend their time on land, and reptile species can be found in all types of habitats except polar ice and tundra.

Be able to identify these categories of reptiles: turtles, crocodiles and alligators (crocodilians), lizards, snakes and tuatara.

Poem:

A turtle is a reptile, its home is on its back.  
It never has to worry if someone will attack.  
When it spies an enemy, what does it do so well?  
It simply takes its head and feet and pops inside its shell.

### **Projects/Field Trips:**

Use Venn diagrams to differentiate between crocodiles and alligators.

See examples of reptiles at Animal Jungle.

See examples of reptiles at Virginia Zoo.

### **Videos:**

The Magic School Bus: Cold Feet ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Cool Creatures: Reptiles ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Animal Profiles: Turtles ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Animal Profiles: Lizards ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Animal Profiles: Snakes ([www.unitedstreaming.com](http://www.unitedstreaming.com))

### **Free:**

Creature Features (<http://kids.nationalgeographic.com/Animals/CreatureFeature>)

Several videos and more available here. Click on “Reptiles.”

### **Alligators and Crocodiles**

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/alligators-crocodiles/croc\\_american.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/alligators-crocodiles/croc_american.html)

[http://video.nationalgeographic.com/video/player/specials/editors-picks-specials/animal-moms/alligator\\_protectinghatchlings.html](http://video.nationalgeographic.com/video/player/specials/editors-picks-specials/animal-moms/alligator_protectinghatchlings.html)

### **Lizards**

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/chameleon\\_babies.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/chameleon_babies.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard\\_friiled\\_ontherun.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard_friiled_ontherun.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/gilamonster\\_snakehunter.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/gilamonster_snakehunter.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard\\_horned\\_squirtingblood.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard_horned_squirtingblood.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/gecko\\_two.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/gecko_two.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/chameleon\\_petters.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/chameleon_petters.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard\\_thornydevil.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard_thornydevil.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard\\_monitor\\_wrestling.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard_monitor_wrestling.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard\\_basilisk.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/lizard_basilisk.html)

## **Snakes**

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/snakes/snake\\_twoheaded.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/snakes/snake_twoheaded.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/flying\\_reptiles.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/lizards/flying_reptiles.html)

North American Snakes Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2049](http://www.newtonsapple.tv/video_only.php?id=2049)

Rainforest Snakes Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2036](http://www.newtonsapple.tv/video_only.php?id=2036)

## **Turtles**

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/turtles-and-tortoises/turtle\\_loggerhead\\_baby.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/turtles-and-tortoises/turtle_loggerhead_baby.html)

[http://video.nationalgeographic.com/video/player/animals/reptiles-animals/turtles-and-tortoises/turtle\\_leatherback\\_tobago.html](http://video.nationalgeographic.com/video/player/animals/reptiles-animals/turtles-and-tortoises/turtle_leatherback_tobago.html)

See more for free here:

<http://video.nationalgeographic.com/video/player/animals/index.html>

## **Activities:**

Coloring Pages:

<http://www.nationalgeographic.com/coloringbook/boas.html>



<http://www.nationalgeographic.com/coloringbook/chameleons.html>

<http://www.nationalgeographic.com/coloringbook/crocodiles.html>

<http://www.nationalgeographic.com/coloringbook/iguanas.html>

<http://www.nationalgeographic.com/coloringbook/tortoises.html>

[http://www.nationalgeographic.com/coloringbook/sea\\_turtles.html](http://www.nationalgeographic.com/coloringbook/sea_turtles.html)

<http://www.nationalgeographic.com/coloringbook/leatherback.html>

<http://www.nationalgeographic.com/coloringbook/loggerheads.html>

Lizards and Snakes Coloring Book:

[http://www.amnh.org/education/resources/card\\_frame.php?rid=1333&rurlid=1266](http://www.amnh.org/education/resources/card_frame.php?rid=1333&rurlid=1266)

Sea Turtles Coloring Book:

<http://www.oceanconservancy.org/site/DocServer?docID=481>

Reptile Fact Cards:

<http://teacher.scholastic.com/lessonrepro/reproducibles/profbooks/reptilebkgrndinfo.pdf>

Reptile Worksheets:

[http://bogglesworldesl.com/reptile\\_worksheets.htm](http://bogglesworldesl.com/reptile_worksheets.htm)

Reptiles Teacher's Guide:

<http://www.kidszoo.org/pdfs/related2reptiles.pdf>

Snake Printables:

<http://www.kidzone.ws/lw/snakes/activities.htm>

Dinosaur Lapbook:

<http://www.homeschoolshare.com/dinosaurs.php>

Freshwater Turtle Lapbook:

<http://www.homeschoolshare.com/turtles.php>

Lizard Lapbook:

[http://www.homeschoolshare.com/lizard\\_animal\\_study.php](http://www.homeschoolshare.com/lizard_animal_study.php)

Sea Turtles Lapbook:

[http://www.homeschoolshare.com/sea\\_turtles.php](http://www.homeschoolshare.com/sea_turtles.php)

Lots of Free Worksheets at (you must become a member / free)

<http://www.learningpage.com>

Turtle vs. Tortoise Difference – Photos:

<http://www.lasvegaszoo.com/Education/Handouts/TurtleTortoisePics.pdf>

Reptile Report Form:

<http://www.lasvegaszoo.com/Education/Handouts/ReptileReport.pdf>

# FISH

Fish are **vertebrate** animals that live in water, have streamlined, muscular bodies, and are **cold-blooded**. Most fish breathe using **gills**.

There are three classes of fish:

**Jawless Fish - Class *Agnatha*** - these fish have no jaws, do not have paired fins, and have a skeleton made of **cartilage** (not bone). Examples: hagfish, lampreys.

**Cartilaginous Fish - Class *Chondrichthyes*** - these fish have a skeleton made of **cartilage**, paired fins, and no swim bladder. Their skin has tooth-like scales (called denticles). Fertilization of eggs is internal. Examples: sharks, skates, rays.

**Bony Fish - Class *Osteichthyes*** - these fish have a skeleton made of bone and paired fins. They also have teeth that are fixed onto the upper jaw. They have a swim bladder (an air filled sac that helps them with buoyancy) that opens into the gullet. Bony fish do not have to swim to breathe (to push water through the gills). Most fish are bony fish.

## Vocabulary:

gills  
scales  
fins  
lateral line  
plankton  
school  
cold-blooded  
fresh water  
salt water  
spawn  
ichthyologist  
cartilage

## Basics:

They are cold-blooded vertebrates.

They live in water.

Most fish have fins and scales.

They use gills to take in oxygen from the water (breathe).

Most fish lay eggs, though there are live-bearers such as the aquarium fish guppies and swordtails.

Know the difference between bony fish and cartilaginous fish (such as sharks and rays).

## **Projects/Field Trips:**

Differentiate between fish that live in different depths or zones of the ocean.

Use Venn diagrams to understand why whales are not considered fish while sharks are.

Look at examples of fish at the Virginia Aquarium.

## **Videos:**

Grossology: Go Fish ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Oceans Alive: Undersea Eyes ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Ocean Habitats: Light and Dark Zones ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Creature Features (<http://kids.nationalgeographic.com/Animals/CreatureFeature>)  
Several videos and more available here. Click on “Fish.”

Free National Geographic videos here:

<http://video.nationalgeographic.com/video/player/animals/index.html>

Fish Breathing Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=3045](http://www.newtonsapple.tv/video_only.php?id=3045)

Piranha Fish Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2026](http://www.newtonsapple.tv/video_only.php?id=2026)

## **Activities:**

Coloring Pages:

<http://www.nationalgeographic.com/coloringbook/bullsharks.html>

<http://www.nationalgeographic.com/coloringbook/hammerheads.html>

<http://www.nationalgeographic.com/coloringbook/sharks.html>

<http://www.nationalgeographic.com/coloringbook/nursesharks.html>

<http://www.nationalgeographic.com/coloringbook/tigersharks.html>

Salmon Coloring Book:

<http://www.fws.gov/pacific/publications/salmbnk.pdf>

Fish Coloring Book:

[http://www.connectedlines.com/kids/coloring\\_book\\_fish.pdf](http://www.connectedlines.com/kids/coloring_book_fish.pdf)

How to Draw a Creature of the Deep:

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_creature\\_of\\_the\\_deep.htm](http://www.janbrett.com/video/how_to_draw_a_creature_of_the_deep.htm)

Shark Lapbook:

<http://www.homeschoolshare.com/sharks.php>

Salmon Lapbook:

<http://www.homeschoolshare.com/salmon.php>

Salmon Worksheets (scroll down):

<http://www.fws.gov/r5src/salmon/workbook/index.htm>

Salmon Life Cycle Worksheets:

<http://extension.oregonstate.edu/catalog/pdf/em/em8910-e.pdf>

## **BIRDS**

Birds are **warm-blooded vertebrate** animals that have wings, feathers, a beak, no teeth, strong, hollow bones, a skeleton in which many bones are fused together or are absent, powerful flight muscles, and an extremely efficient, one-way breathing system.

Most birds can fly. Birds have a very strong heart and an **efficient** way of breathing - these are necessary for birds to fly. Birds also use a lot of energy while flying and need to eat a lot of food to power their flight.

Not all flying animals are birds; and not all birds can fly. The ability to fly has developed independently many times throughout the history of the Earth. Bats (flying mammals), pterosaurs (flying reptiles from the time of the dinosaurs), and flying insects are not birds. The fastest running bird is the ostrich, but it cannot fly. The ostrich is also the fastest two-legged runner of all the animals on Earth. The ostrich is the largest bird. Bird **locomotion** is quite varied; most can fly, some can run very well, some swim, and some do combinations of these.

### **Vocabulary:**

contour feathers  
down feathers  
preen gland  
preening  
incubate  
crop  
albumen  
yolk  
clutch  
egg tooth  
fledgling  
migration  
molting  
ornithology  
plumage

### **Basics:**

They are warm-blooded vertebrates.

They all have feathers, wings and beaks.

All birds hatch from eggs, and most birds build nests for the eggs. Some birds deposit their eggs in other birds' nests (like the cowbird).

Most birds feed their young.

Bird bones are mostly hollow, thus very light (yet strong).

Most can fly (be able to identify three which cannot).

Be able to correlate beak type to food type.

They breathe air with lungs (two of them).

They pant rather than sweat to keep cool.

Many birds have a crop (a sac at the bottom of the esophagus), which stores undigested food before it enters the stomach. This allows a bird to gorge when it needs to. It also has a gizzard – a muscular part of the stomach which grinds hard-to-digest foods as our teeth do.

Understand difference between a bird song and a call.

*A Lizard Has No Gizzard* (from Nature Scope: Birds, Birds, Birds)

A lizard has no gizzard,  
And a camel has no bill.  
And you'll never see a shark soar  
Like a turkey vulture will.

Bear bones don't have struts inside,  
And wallabies don't have wings.  
And you'll never see a kangaroo  
That twitters, squawks or sings.

A cheetah doesn't ever  
Have a feather or a crop.  
And a giraffe can't fly 500 miles  
Without a single stop.

An octopus has no air sacs,  
A squid never did have down,  
And you'll rarely see an earthworm  
That's any color but dull brown.

But birds have feathers, wings, and crops,  
And a gizzard and a beak.  
With dazzling colors and awesome flight,  
They really are unique.

Riddles:

1. I'm strong and thick and can really do the trick, especially with a lot of grit. (gizzard)
2. Millions of barbs on every vane, without me winter would be a pain. (feather)
3. My shape gives birds something really neat: a lift to get them off their feet. (wing)
4. Space inside to keep me light, struts that brace to give me might. (bone)
5. I'm not a friend of water – that's a fact! And I'm a big part of the preening act. (oil or preen gland)
6. Two small holes are the only clues that we're inside a bird, hidden from view. (ears)
7. Depending on what a bird might eat, I can double my size – that's quite a treat! (crop)
8. In some birds we're found almost everywhere, we're hooked to the lungs and fill up with air. (air sacs)

## **Projects/Field Trips:**

Continue to feed and provide water and shelter for backyard birds.

Listen to bird calls on internet and see if we recognize them.

Demonstration with feather to show its waterproof qualities.

Make pinecone and peanut butter feeder.

Complete bird log book.

Incubate eggs from the Wilsons'.

Crack a raw egg and separate the yolk from the white. Label drawing. Compare weights of the yolk and white.

## **Videos:**

Animal Profiles: Big Birds ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Animal Profiles: Birds of Prey ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Animal Profiles: Wetland Waterfowl ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Animal Profiles: Owls ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Grossology: Owl Most Fowl ([www.unitedstreaming.com](http://www.unitedstreaming.com))

Creature Features (<http://kids.nationalgeographic.com/Animals/CreatureFeature>)

Several videos and more available here. Click on "Birds."

Free Videos from National Geographic:

Include: birds of prey, ground birds, parrots, hummingbirds, penguins, perching birds, seabirds, waders & waterfowl, and woodpeckers.

<http://video.nationalgeographic.com/video/player/animals/index.html>

Penguins Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2025](http://www.newtonsapple.tv/video_only.php?id=2025)

Emus Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2012](http://www.newtonsapple.tv/video_only.php?id=2012)

Geese Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2046](http://www.newtonsapple.tv/video_only.php?id=2046)

Golden Eagles Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2014](http://www.newtonsapple.tv/video_only.php?id=2014)

Hummingbirds Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2017](http://www.newtonsapple.tv/video_only.php?id=2017)

Ostrich Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2021](http://www.newtonsapple.tv/video_only.php?id=2021)

Owl Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2023](http://www.newtonsapple.tv/video_only.php?id=2023)

Parrots Video (free):

[http://www.newtonsapple.tv/video\\_only.php?id=2024](http://www.newtonsapple.tv/video_only.php?id=2024)

### **Activities:**

Coloring Pages:

[http://www.nationalgeographic.com/coloringbook/golden\\_eagles.html](http://www.nationalgeographic.com/coloringbook/golden_eagles.html)

[http://www.nationalgeographic.com/coloringbook/barn\\_owls.html](http://www.nationalgeographic.com/coloringbook/barn_owls.html)

<http://www.nationalgeographic.com/coloringbook/penguins.html>

How to Draw a Chick:

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_chick.htm](http://www.janbrett.com/video/how_to_draw_a_chick.htm)

How to Draw a Chicken:

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_chicken.htm](http://www.janbrett.com/video/how_to_draw_a_chicken.htm)

Bird Coloring and Notebook:

[http://www.birds.cornell.edu/schoolyard/T\\_Resouces/ColoringBook.pdf](http://www.birds.cornell.edu/schoolyard/T_Resouces/ColoringBook.pdf)

Label Bird Parts:

<http://www.learnnc.org/lp/media/articles/wildnb0701/birddiagram.pdf>

Bird Printables:

<http://www.janetmarshall.co.nz/kids/All%20About%20Birds.htm>

Bird Beaks:

<http://www.vtaide.com/png/bird-adaptations3.htm>

How to Identify a Bird:

<http://www.njaudubon.org/education/PDF/IdentifyaBird.pdf>

Penguin Worksheets:

<http://www.kidzone.ws/animals/penguins/activities.htm>

Teacher's Guide for *The Boy Who Drew Birds* (John James Audubon)

[http://www.houghtonmifflinbooks.com/readers\\_guides/davies\\_drew.shtml](http://www.houghtonmifflinbooks.com/readers_guides/davies_drew.shtml)

<http://www.jacqueline-davies.net/TGboy.pdf>

Great Photos of Robin's Nest:



<http://www.i-pets.com/rpet19.html>

Bird Feeder Tips:

<http://www.birdsforever.com/chart.html>

Backyard Birds Lapbook:

[http://www.homeschoolshare.com/backyard\\_birds\\_lap\\_n\\_note.php](http://www.homeschoolshare.com/backyard_birds_lap_n_note.php)

Birds of Prey Lapbook:

[http://www.homeschoolshare.com/birds\\_of\\_pre.php](http://www.homeschoolshare.com/birds_of_pre.php)

*Feathers for Lunch* Lapbook:

[http://www.homeschoolshare.com/feathers\\_for\\_lunch.php](http://www.homeschoolshare.com/feathers_for_lunch.php)

Bald Eagle Lapbook:

<http://www.homeschoolshare.com/eagles.php>

Hummingbird Lapbook:

[http://www.homeschoolshare.com/hummingbird\\_zoobook\\_lapbook.php](http://www.homeschoolshare.com/hummingbird_zoobook_lapbook.php)

Ostrich Lapbook:

<http://www.homeschoolshare.com/ostrich.php>

Owl Lapbook:

[http://www.homeschoolshare.com/owl\\_babies.php](http://www.homeschoolshare.com/owl_babies.php)

Parrot Lapbook:

[http://www.homeschoolshare.com/parrots\\_zoobook\\_lapbook.php](http://www.homeschoolshare.com/parrots_zoobook_lapbook.php)

Seabirds Lapbook:

[http://www.homeschoolshare.com/seabirds\\_zoobook\\_lapbook.php](http://www.homeschoolshare.com/seabirds_zoobook_lapbook.php)

Stork Lapbook:

<http://www.homeschoolshare.com/storks.php>

# MAMMALS

## Characteristics:

- Mammary glands – produce milk to feed young
- Sweat glands – only mammals perspire (in order to maintain body temperature)
- Warm-blooded/endothermic (use food energy to maintain certain temperature)
- Have two pairs of limbs
- All have hair at some time in their life, and most have an outer hair (or fur) covering, though some are practically hairless (whale, elephant).
- Breathe with lungs, diaphragm assists with this (mammals only animal to have diaphragm)
- Care for their young.
- Very developed brains.
- As with most animal groups, there are more herbivores (plant-eaters) than there are carnivores (meat-eaters).

## Three Types of Mammals:

- **Monotremes:** Egg-laying mammals. Monotremes are very rare and unusual!
- **Marsupials:** Their young are born in a very immature state; most female marsupials have pouches. Their babies live in the pouches until they are big enough to survive on their own.
- **Placental mammals:** Young are born at a more advanced stage than the young of other mammals. Before birth, the young are fed through a placenta. Most mammals are placental mammals.

## Different Kinds of Teeth:

Most mammals have teeth, and often a few different kinds. Some have no teeth -- baleen whales for example.

- Incisors: bite off and cut
- Canines: stab and tear
- Molars/Pre-molars grind and shred

Worksheet: Human teeth, label each kind.

<http://teachhealthk-12.uthscsa.edu/curriculum/oralhealth/pa09pdf/0901B-SWS.pdf>

Worksheet: Carnivore or Herbivore teeth?

[http://www.eduplace.com/science/hmxs/ls/pdf/1rs\\_1\\_6-4.pdf](http://www.eduplace.com/science/hmxs/ls/pdf/1rs_1_6-4.pdf)

<http://www.dfg.ca.gov/projectwild/bear/16-18.pdf>

Make impression of teeth using paraffin wax:

[http://www.globalwildlife.com/assets/pdfs/eland\\_sec3.pdf](http://www.globalwildlife.com/assets/pdfs/eland_sec3.pdf)

Compare teeth of various animals here:

[http://www.cheetah.co.za/resource/english/grade\\_5\\_lesson\\_4.pdf](http://www.cheetah.co.za/resource/english/grade_5_lesson_4.pdf)

<http://ag.arizona.edu/pubs/natresources/az1145.pdf>

[http://www.brandywinezoo.org/games/teeth\\_bones.pdf](http://www.brandywinezoo.org/games/teeth_bones.pdf)

## **Difference between horns and antlers:**

horn: a slow growing permanent bone, covered by a thin layer of hard material. Usually not branched.

antlers: made of bone, but they are fast growing. Not permanent – animals shed them and grow a new set each year. Often elaborately branched.

Handouts/worksheets showing differences:

[http://www.enaturalist.org/units/28/pdf/antlers\\_vs\\_horns-en-qr.pdf](http://www.enaturalist.org/units/28/pdf/antlers_vs_horns-en-qr.pdf)

[http://www.enaturalist.org/units/212/pdf/making\\_points-en-fr.pdf](http://www.enaturalist.org/units/212/pdf/making_points-en-fr.pdf)

[http://www.globalwildlife.com/assets/pdfs/eland\\_sec3.pdf](http://www.globalwildlife.com/assets/pdfs/eland_sec3.pdf)

Amazing Mammals – Book 2 (NatureScope) – pages 30-32.

## **Mammals walk in different ways:**

plantigrade: flatfooted; whole foot, from toe to heel, rests on the ground (raccoon, opossum, bear, rabbit, mice, panda, skunk, hedgehog)

digitigrade: toe walkers (cats, dogs, wolves, foxes)

ungulates: toenail walkers (horse, deer, antelope, goat, pig, sheep)

## **Mammal Camouflage:**

Some mammals make color changes depending on the season for protection.

Handout explaining this:

[http://www.enaturalist.org/units/290/pdf/it\\_all\\_depends-en-fr.pdf](http://www.enaturalist.org/units/290/pdf/it_all_depends-en-fr.pdf)

## **How Mammals Cool Off**

Not all mammals cool off with sweat glands, read here for more & experiment:

<http://www.enaturalist.org/unit/251/fr>

## **How Fur Controls Heat Loss and Provides Waterproof Properties:**

<http://www.enaturalist.org/unit/114/fr>

<http://www.enaturalist.org/unit/70/fr>

<http://www.mnh.si.edu/mammals/pages/what/hairfur.htm>

Make models to show how fat keeps a mammal warm.

[http://www.units.muohio.edu/cryolab/education/documents/ESColdOcean\\_000.pdf](http://www.units.muohio.edu/cryolab/education/documents/ESColdOcean_000.pdf)

## **Mammals Need Milk from Mom**

Mammals produce milk, which is food for their young.

<http://www.enaturalist.org/unit/195/fr>

<http://www.enaturalist.org/unit/47/fr>

<http://www.mnh.si.edu/mammals/pages/what/mammary.htm>

Make butter in a baby food jar using cream.

[http://www.education-world.com/a\\_lesson/showbiz\\_science/showbiz\\_science015.shtml](http://www.education-world.com/a_lesson/showbiz_science/showbiz_science015.shtml)

## **Mammals and Sense of Smell:**

<http://www.enaturalist.org/unit/136/fr>

<http://www.enaturalist.org/unit/107/fr>

**Compare Brain Sizes:**

<http://www.mnh.si.edu/mammals/pages/what/brains.htm>

**What's the Advantage of Being Warm-Blooded?**

<http://www.mnh.si.edu/mammals/pages/what/blood.htm>

## Orders and Super Orders of Mammals:

<b>Egg-Laying Mammals</b>	
Monotremes	spiny anteaters (echidna) and platypuses
<b>Pouched Mammals</b>	
Marsupials	kangaroos, koalas, opossum
<b>Placental Mammals</b>	
	anteaters, sloths, armadillos
	pangolins
	aardvarks
	hyraxes
	“flying lemurs”
	bats
	hedgehogs
	shrews, moles
Rodents	squirrels, rats, mice, beavers, porcupines
Lagomorphs	rabbits, hares, pika
Odd-Toed Ungulates	horses, zebras, rhinoceroses, tapirs, donkeys
Even-Toed Ungulates	hogs, cattle, camels, giraffes, deer, cattle, sheep, goats
Primates	lemurs, tarsiers, monkeys, apes
Elephants	elephants
Carnivores	cats, dogs, weasels, bears, hyena
Cetaceans	whales, dolphins, porpoises
Pinnipeds	seals, sea lions, walruses
Sea Cows	manatees, dugongs

## General Mammal Resources:

Free Mammals Textbook Chapter from *God’s Design for Life – The Animal Kingdom*  
<http://www.answersingenesis.org/PublicStore/pdfs/SampleChapter/10-1-244.pdf>

Worksheet: Follow-up to Schlessinger Media’s All about Mammals Video (free):  
[http://www.libraryVideo \(free\).com/guides/K7052.pdf](http://www.libraryVideo (free).com/guides/K7052.pdf)

Mammal Order Worksheets:

<http://www.biologycorner.com/worksheets/mammals.htm>  
<http://www.biologycorner.com/worksheets/mammalchart.htm>

Mammals Teacher's Guide

[http://dnr.state.il.us/lands/education/CLASSRM/wild\\_mammals/pdf/TOC.pdf](http://dnr.state.il.us/lands/education/CLASSRM/wild_mammals/pdf/TOC.pdf)

Mammal Webquest & Worksheet:

[http://www.education-world.com/a\\_lesson/worksheets/TCM/pdfs/001222is.pdf](http://www.education-world.com/a_lesson/worksheets/TCM/pdfs/001222is.pdf)

Worksheets: Whales, Beaver, Bat, Echidna

[http://www.education-world.com/a\\_lesson/worksheets/TCM/pdfs/030314is.pdf](http://www.education-world.com/a_lesson/worksheets/TCM/pdfs/030314is.pdf)

Beluga Whale and Otters

[http://www.education-world.com/a\\_lesson/worksheets/TCM/pdfs/010126is.pdf](http://www.education-world.com/a_lesson/worksheets/TCM/pdfs/010126is.pdf)

Mammals: Diurnal vs. Nocturnal

[http://dnr.state.il.us/lands/education/CLASSRM/wild\\_mammals/pdf/unit1\\_3.pdf](http://dnr.state.il.us/lands/education/CLASSRM/wild_mammals/pdf/unit1_3.pdf)

Taxidermy Video (free)

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=3107](http://www.newtonsapple.tv/Video%20(free)_only.php?id=3107)

Compare/Contrast Bear and Panther (skeletons and skulls)

[http://floridaconservation.org/educator/pdf\\_lesson1.pdf](http://floridaconservation.org/educator/pdf_lesson1.pdf)

Compare skulls and teeth of cat, coyote, and deer

<http://ag.arizona.edu/pubs/natresources/az1145.pdf>

See other skulls here:

[http://www.cheetah.co.za/resource/english/grade\\_5\\_lesson\\_4.pdf](http://www.cheetah.co.za/resource/english/grade_5_lesson_4.pdf)

[http://dnr.state.il.us/lands/education/CLASSRM/wild\\_mammals/pdf/unit2\\_3.pdf](http://dnr.state.il.us/lands/education/CLASSRM/wild_mammals/pdf/unit2_3.pdf)

Look at various mammal tracks:

<http://www.beartrackersden.com/trackguide2003/trackguide2003.pdf>

African Safari Video with Jan Brett:

<http://www.janbrett.com/video/honey...honey...lion.htm>

Bill Nye the Science Guy – Mammals – Video Guide:

<http://www.aea1.k12.ia.us/guides/DVD01712.pdf>

### **Science Labs:**

Animal Tracking Activities:

<http://www.bear-tracker.com/>

Choose a mammal. Research its scientific name (from Kingdom all the way to Species).

Mammals Videos (United Streaming)

Animals around Us – Mammals – What Are They?

Junior Zoologist: Mammals

## **Individual Mammal Order Resources**

### **Monotremes:                    spiny anteaters (echidna) and platypuses**

Echidna Videos (free):

[http://www.arkive.org/search.html?client=movies\\_only&q=echidna&filter=0&num=20&getfields=\\* &output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=echidna&filter=0&num=20&getfields=* &output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default_collection)

Echidna Video (United Streaming):

“The Jeff Corwin Experience: Tasmania: Island Ecosystem”

Echidna Coloring Page:

<http://ausinternet.com/ettamogah/echidna.htm>

Platypus Video (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/platypus\\_duckbill.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/platypus_duckbill.html)

Platypus Video (United Streaming):

“The Jeff Corwin Experience: Tasmania: Island Ecosystem”

Platypus Coloring Pages:

<http://ausinternet.com/ettamogah/platypus.htm>

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_platypuses.htm](http://www.janbrett.com/mural/on_noahs_ark_platypuses.htm)

[http://www.first-school.ws/t/cp\\_animals/platypus.htm](http://www.first-school.ws/t/cp_animals/platypus.htm)

Platypus Lapbook:

[http://www.homeschoolshare.com/pig\\_lapbook.php](http://www.homeschoolshare.com/pig_lapbook.php)

### **Marsupials:                    kangaroos, wallabies, koalas, wombats, opossum**

Marsupial Lapbook:

[http://www.homeschoolshare.com/Marsupial\\_Lapbook.php](http://www.homeschoolshare.com/Marsupial_Lapbook.php)

Wallaby Video (free)

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2037](http://www.newtonsapple.tv/Video (free)_only.php?id=2037)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\)\\_ref=wallaby\\_rock\\_kids](http://Video (free).nationalgeographic.com/Video (free)/player/kids.html?Video (free)_ref=wallaby_rock_kids)

[http://www.arkive.org/search.html?client=movies\\_only&q=wallaby&filter=0&num=20&getfields=\\* &output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=wallaby&filter=0&num=20&getfields=* &output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default_collection)

Wallaby Coloring Page: (p. 17 of 22)

[http://www.aqua.org/downloads/pdf/Australian\\_Animal\\_Interview\\_Teacher\\_Booklet\\_PDF\\_for\\_web\\_Aug\\_2006.pdf](http://www.aqua.org/downloads/pdf/Australian_Animal_Interview_Teacher_Booklet_PDF_for_web_Aug_2006.pdf)

Wallaby Teacher’s Guide:

[http://www.phoenixzoo.org/educators/pdfs/wallaby\\_curriculum\\_packet.pdf](http://www.phoenixzoo.org/educators/pdfs/wallaby_curriculum_packet.pdf)

Koala Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Koala>

[http://www.arkive.org/search.html?client=movies\\_only&q=koala&num=20&filter=0&getfields=\\* &sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=koala&num=20&filter=0&getfields=* &sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&oe=utf8&ie=utf8&site=default_collection)

Koala Coloring Pages:

<http://ausinternet.com/ettamogah/koala.htm>

<http://www.nationalgeographic.com/coloringbook/koalas.html>

<http://www.kidsdomain.com/brain/animals/color/koala.pdf>

Wombat Videos (free):

[http://www.arkive.org/search.html?client=movies\\_only&q=wombat&filter=0&num=20&getfields=\\* &output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=wombat&filter=0&num=20&getfields=* &output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default_collection)

Wombat Video (United Streaming):

“The Jeff Corwin Experience: Tasmania: Island Ecosystem”

Wombat Coloring Page:

<http://ausinternet.com/ettamogah/wombat.htm>

Kangaroo Videos (free):

[http://www.arkive.org/search.html?client=movies\\_only&q=kangaroo&num=20&filter=0&getfields=\\* &sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=kangaroo&num=20&filter=0&getfields=* &sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&oe=utf8&ie=utf8&site=default_collection)

Kangaroo Video (United Streaming):

“Animal Profiles: Kangaroos”

“The Jeff Corwin Experience: Tasmania: Island Ecosystem”

Kangaroo Coloring Pages:

<http://ausinternet.com/ettamogah/kangaroo.htm>

<http://www.nationalgeographic.com/coloringbook/kangaroos.html>

<http://www.kidsdomain.com/brain/animals/color/kangaroo.pdf>

Kangaroo Trivia Quiz:

<http://www.nationalgeographic.com/ngkids/amfacts/amaz4.html>

Opossum Video (free):

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/kangaroos-koalas-more/opossum.html>

[http://www.arkive.org/search.html?client=movies\\_only&q=possum&getfields=\\* &sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&num=20&filter=0&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=possum&getfields=* &sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&num=20&filter=0&oe=utf8&ie=utf8&site=default_collection)

Opossum Video (United Streaming):

“The Jeff Corwin Experience: Guyana: Rain Forest Ecosystem”

“The Jeff Corwin Experience: Louisiana: Swampy Ecosystem”

Opossum Coloring Pages:

[http://www.pestworldforkids.org/color\\_opossum.html](http://www.pestworldforkids.org/color_opossum.html)



<http://pelotes.jea.com/ColoringPage/Mammal/colopossu.htm>

[http://www.first-school.ws/t/cp\\_animals/opossum-possum-2.htm](http://www.first-school.ws/t/cp_animals/opossum-possum-2.htm)

Tasmanian Devil Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Tasmanian-devil>

Tasmanian Devil Video (United Streaming)

“The Jeff Corwin Experience: Tasmania: Island Ecosystem”

Sugar Glider Video (free):

[http://Video\(free\).nationalgeographic.com/Video\(free\)/player/kids.html?Video\(free\)ref=sugar\\_glider\\_kids](http://Video(free).nationalgeographic.com/Video(free)/player/kids.html?Video(free)ref=sugar_glider_kids)

## **anteaters, sloths, armadillos**

Anteater Videos (free):

<http://www.zsl.org/info/video-library/bathing-the-giant-anteater,490,AR.html>

[http://www.arkive.org/search.html?client=movies\\_only&q=anteater&filter=0&num=20&getfields=\\* &output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=anteater&filter=0&num=20&getfields=* &output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default_collection)

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/skunk.html>

Anteater Video (United Streaming):

The Jeff Corwin Experience: Guyana Rain Forest Ecosystem (Tracking the Anteater)

Anteater Maze:

<http://www.bry-backmanor.org/actpag212.html>

Anteater Coloring Page:

<http://www.first-school.ws/t/cpanteater.htm>

Sloth Videos (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/sloth\\_threetoed.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/sloth_threetoed.html)

[http://www.arkive.org/search.html?client=movies\\_only&q=sloth&filter=0&num=20&getfields=\\* &output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=sloth&filter=0&num=20&getfields=* &output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default_collection)

Sloth Video (United Streaming)

The Jeff Corwin Experience: The Amazon: Aquatic Ecosystem (Looking for Sloths)

The Jeff Corwin Experience: Panama: Rainforest Ecosystem (The Two-Toed Sloth)

Sloth Coloring Pages:

<http://www.nationalgeographic.com/coloringbook/sloths.html>

[http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/three\\_toed\\_sloth.pdf](http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/three_toed_sloth.pdf)

Sloth Lapbook:

<http://www.homeschoolshare.com/sharks.php>

Armadillo Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2000](http://www.newtonsapple.tv/Video (free)_only.php?id=2000)

Armadillo Video (United Streaming):

The Jeff Corwin Experience: Louisiana: Swampy Ecosystem (Armadillos)

Armadillo Coloring Page:

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_armadillos.htm](http://www.janbrett.com/mural/on_noahs_ark_armadillos.htm)

<http://pelotes.jea.com/ColoringPage/Mammal/Colarma.htm>

<http://www.rainforest->

[alliance.org/programs/education/teachers/curriculum/resources/documents/nine\\_banded\\_armadillo.pdf](http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/nine_banded_armadillo.pdf)

Draw an Armadillo:

[http://www.janbrett.com/learn\\_to\\_draw\\_an\\_armadillo.htm](http://www.janbrett.com/learn_to_draw_an_armadillo.htm)

## **pangolins**

Pangolin Videos (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\)\\_ref=pangolin\\_kids](http://Video (free).nationalgeographic.com/Video (free)/player/kids.html?Video (free)_ref=pangolin_kids)

[http://www.arkive.org/search.html?client=movies\\_only&q=pangolin&num=20&filter=0&getfields=\\* &sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=pangolin&num=20&filter=0&getfields=* &sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&oe=utf8&ie=utf8&site=default_collection)

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/pangolin.html>

Pangolin Coloring Pages:

[http://www.hepspics.com/assets/lineart/pangolin\\_L.gif](http://www.hepspics.com/assets/lineart/pangolin_L.gif)

[http://www.enchantedlearning.com/pgifs/Pangolin\\_bw.GIF](http://www.enchantedlearning.com/pgifs/Pangolin_bw.GIF)

## **aardvarks**

Aardvark Fact Sheet:

<http://animals.nationalgeographic.com/animals/printable/aardvark.html>

Aardvark Coloring Page:

<http://www.first-school.ws/t/cpaardvark.html>

## **hyraxes**

Hyrax Video (United Streaming)

The Jeff Corwin Experience: Africa: Zanzibar's Archipelago (The Hyrax)

## **“flying lemurs”**

Watch “Wild Gliders of Borneo” Video (free):  
<http://ngm.nationalgeographic.com/ngm/0010/>

Then Build a Borneo Glider:  
[http://www.calacademy.org/education/pdfs/borneo\\_glider\\_lesson\\_plan.pdf](http://www.calacademy.org/education/pdfs/borneo_glider_lesson_plan.pdf)

## **bats**

Bat Videos (free):  
[http://www.newtonsaple.tv/Video \(free\) only.php?id=2004](http://www.newtonsaple.tv/Video%20(free)%20only.php?id=2004)  
<http://teacher.scholastic.com/activities/explorations/bats/index.htm>  
<http://www.batcon.org/educatorsk/kidzcave.asp>  
[http://www.arkive.org/search.html?client=movies\\_only&q=bat&getfields=\\* &sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&num=20&filter=0&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=bat&getfields=* &sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&num=20&filter=0&oe=utf8&ie=utf8&site=default_collection)

Vampire Bat Video (free)  
[http://video.nationalgeographic.com/video/player/animals/mammals-animals/bats/bat\\_vampire\\_feeding.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/bats/bat_vampire_feeding.html)

Black Flying Fox Video (free)  
[http://video.nationalgeographic.com/video/player/animals/mammals-animals/bats/bat\\_flyingfox.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/bats/bat_flyingfox.html)

Bat Videos (United Streaming):  
“Animal Profiles: Bats”  
“The Magic School Bus: Going Batty”  
“The Jeff Corwin Experience: Asia: Land of the Komodo Dragon” (Giant Fruit-Eating Bats)  
“The Jeff Corwin Experience: Arizona: A Desert Ecosystem” (Bat Pollinators)  
“The Jeff Corwin Experience: Borneo: Island Ecosystem” (Looking for Bats)

Teacher’s Guide:  
<http://www.nwf.org/batguide/batguide.pdf>

Worksheets:  
<http://www.kidzone.ws/animals/bats/activities.htm>  
[http://www.education-world.com/a\\_lesson/worksheets/TCM/pdfs/010928ps.pdf](http://www.education-world.com/a_lesson/worksheets/TCM/pdfs/010928ps.pdf)

Crossword Puzzles:  
<http://www.batcon.org/educatorsk/pdfs/crossworda.pdf>  
<http://www.batcon.org/educatorsk/pdfs/crosswordb.pdf>

Coloring Pages:  
<http://www.gardenandhearth.com/Homeschool-Worksheets/Homeschool-Worksheets-PF/Coloring-Pages/Bat-Coloring-Page.htm>  
[http://www.pestworldforkids.org/color\\_bats.html](http://www.pestworldforkids.org/color_bats.html)  
<http://www.kidsplanet.org/cyw/bat.html>  
<http://www.marsupialsociety.org/images/colourfruitbat.jpg>  
[http://www.batworld.org/kids\\_page/lilbrownbat.html](http://www.batworld.org/kids_page/lilbrownbat.html)  
<http://50birds.com/CB/vampirebat-bw-740..htm>

[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_mexican\\_freetail\\_bat.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_mexican_freetail_bat.phtml)

Ranger Rick Articles:

<http://www.nwf.org/batguide/batarticle.pdf>

<http://www.nwf.org/batguide/batarticle2.pdf>

Free Lapbook:

<http://www.homeschoolshare.com/stellaluna.php>

## **hedgehogs**

Hedgehog Video (free)

[http://www.newtonsapple.tv/Video\\_\(free\)\\_only.php?id=2016](http://www.newtonsapple.tv/Video_(free)_only.php?id=2016)

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Hedgehog>

[http://www.arkive.org/search.html?client=movies\\_only&q=hedgehog&filter=0&num=20&getfields=\\* &output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=hedgehog&filter=0&num=20&getfields=* &output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&oe=utf8&ie=utf8&site=default_collection)

Hedgehog Video (United Streaming)

“The Jeff Corwin Experience: Morocco: Mysterious Desert Ecosystem”

How to Draw a Hedgehog Video and Page:

[http://www.janbrett.com/how\\_to\\_draw\\_a\\_hedgehog.htm](http://www.janbrett.com/how_to_draw_a_hedgehog.htm)

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_hedgehog\\_starring\\_astro.htm](http://www.janbrett.com/video/how_to_draw_a_hedgehog_starring_astro.htm)

Hedgehog Coloring Page:

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_hedgehogs.htm](http://www.janbrett.com/mural/on_noahs_ark_hedgehogs.htm)

Make a Hedgehog Book:

[http://www.janbrett.com/the\\_mitten\\_project\\_page.htm](http://www.janbrett.com/the_mitten_project_page.htm)

## **shrews, moles, voles**

Shrew Videos (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/shrew\\_giant\\_elephant.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/shrew_giant_elephant.html)

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/shrew\\_short-tailed\\_attack.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/shrew_short-tailed_attack.html)

[http://www.arkive.org/search.html?client=movies\\_only&q=shrew&num=20&filter=0&getfields=\\* &sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=shrew&num=20&filter=0&getfields=* &sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&oe=utf8&ie=utf8&site=default_collection)

Shrew Coloring Page:

[http://www.enchantedlearning.com/sgifs/Shrew\\_bw.GIF](http://www.enchantedlearning.com/sgifs/Shrew_bw.GIF)

Giant Elephant Shrew Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/shrew-giant-elephant-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/shrew-giant-elephant-kids.html)

Mole Videos (free):

[http://www.arkive.org/search.html?client=movies\\_only&q=mole&num=20&filter=0&getfields=\\* &sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=mole&num=20&filter=0&getfields=* &sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&oe=utf8&ie=utf8&site=default_collection)

Mole Coloring Pages:

<http://thecoloringspot.com/images/animalpx/mole.jpg>

<http://www.first-school.ws/t/cpmole.htm>

**Rodents:                   squirrels, rats, mice, beavers, porcupines, prairie dogs**

Rodents Worksheet:

<http://www.pested.msu.edu/CommunitySchoolIpm/curriculumpdf/rodentfs.pdf>

<http://www.pested.msu.edu/CommunitySchoolIpm/curriculumpdf/lesson10.pdf>

Squirrel Videos (free):

[http://www.arkive.org/search.html?client=movies\\_only&q=squirrel&getfields=\\* &output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&num=20&filter=0&spell=1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=squirrel&getfields=* &output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&num=20&filter=0&spell=1&oe=utf8&ie=utf8&site=default_collection)

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/squirrel\\_white.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/squirrel_white.html)

Red Squirrel Coloring Page:

[http://www.wolf.org/wolves/learn/justkids/coloring\\_book/c\\_book.asp?pic=squirrel](http://www.wolf.org/wolves/learn/justkids/coloring_book/c_book.asp?pic=squirrel)

Fox Squirrel Coloring Page:

[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_fox\\_squirrel.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_fox_squirrel.phtml)

Chipmunk Coloring Page:

<http://www.first-school.ws/t/cpchipmunck.htm>

Mouse Videos (free):

[http://www.arkive.org/search.html?client=movies\\_only&q=mouse&getfields=\\* &output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&num=20&filter=0&spell=1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=mouse&getfields=* &output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&num=20&filter=0&spell=1&oe=utf8&ie=utf8&site=default_collection)

Rat Videos (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/boa\\_ambushesrat.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/boa_ambushesrat.html)

[http://www.arkive.org/search.html?client=movies\\_only&q=rat&getfields=\\* &sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&filter=0&num=20&spell=1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=rat&getfields=* &sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&filter=0&num=20&spell=1&oe=utf8&ie=utf8&site=default_collection)

Kangaroo Rat Coloring Page (page 7)

[http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd\\_bk\\_k0700\\_0048a.pdf](http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd_bk_k0700_0048a.pdf)

Beaver Video (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/beaver\\_lifecycle.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/beaver_lifecycle.html)

Beaver Coloring Page:

[http://www.wolf.org/wolves/learn/justkids/coloring\\_book/c\\_book.asp?pic=beaver](http://www.wolf.org/wolves/learn/justkids/coloring_book/c_book.asp?pic=beaver)

Porcupines Video (free)

[http://www.newtonsapple.tv/Video \(free\) \\_only.php?id=2027](http://www.newtonsapple.tv/Video%20(free)_only.php?id=2027)

Porcupine Coloring Page:

<http://museum.utep.edu/educate/learninglinks/porcupinecolor.htm>

[http://www.first-school.ws/t/cp\\_animals/porcupine-2.htm](http://www.first-school.ws/t/cp_animals/porcupine-2.htm)

[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_porcupine.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_porcupine.phtml)

Prairie Dog Video (free):

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/groundhog.html>

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/prairiedog\\_alarm.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/prairiedog_alarm.html)

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/prairiedog\\_romance.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/prairiedog_romance.html)

[http://www.arkive.org/search.html?client=movies\\_only&q=prairie+dog&getfields=\\*&sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&filter=0&num=20&spell=1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=prairie+dog&getfields=*&sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&filter=0&num=20&spell=1&oe=utf8&ie=utf8&site=default_collection)

Prairie Dogs (United Streaming):

World of Nature: Prairie Dogs: Grassland Survivors

Prairie Dogs Coloring Page:

[http://www.nationalgeographic.com/coloringbook/prairie\\_dogs.html](http://www.nationalgeographic.com/coloringbook/prairie_dogs.html)

[http://www.first-school.ws/t/cp\\_animals/prairie\\_dog.htm](http://www.first-school.ws/t/cp_animals/prairie_dog.htm)

[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_prairie\\_dogs.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_prairie_dogs.phtml)

[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_pdog\\_habitat.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_pdog_habitat.phtml)

Groundhog Lapbook:

[http://www.homeschoolshare.com/groundhog\\_lapbook.php](http://www.homeschoolshare.com/groundhog_lapbook.php)

Kinkajous Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/kinkajou-kids.html](http://Video%20(free).nationalgeographic.com/Video%20(free)/player/kids/animals-pets-kids/mammals-kids/kinkajou-kids.html)

Kinkajou Coloring Page:

[http://www.janbrett.com/umbrella\\_coloring\\_kinkajou.htm](http://www.janbrett.com/umbrella_coloring_kinkajou.htm)

Chinchilla Coloring Page:

[http://www.first-school.ws/t/cp\\_animals/chinchilla.htm](http://www.first-school.ws/t/cp_animals/chinchilla.htm)

## **Lagomorphs: rabbits, hares, pika**

Rabbit Videos (free):

[http://www.arkive.org/search.html?client=movies\\_only&q=rabbit&getfields=\\*&output=xml\\_no\\_dtd&sort=date%3AD%3AL%3Ad1&num=20&filter=0&spell=1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=rabbit&getfields=*&output=xml_no_dtd&sort=date%3AD%3AL%3Ad1&num=20&filter=0&spell=1&oe=utf8&ie=utf8&site=default_collection)

How to Draw a Rabbit Video:

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_bunny.htm](http://www.janbrett.com/video/how_to_draw_a_bunny.htm)

Rabbit Coloring Page:

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_rabbits.htm](http://www.janbrett.com/mural/on_noahs_ark_rabbits.htm)

Hare Videos (free):

[http://www.arkive.org/search.html?client=movies\\_only&q=hare&getfields=\\*&sort=date%3AD%3AL%3Ad1&output=xml\\_no\\_dtd&filter=0&num=20&spell=1&oe=utf8&ie=utf8&site=default\\_collection](http://www.arkive.org/search.html?client=movies_only&q=hare&getfields=*&sort=date%3AD%3AL%3Ad1&output=xml_no_dtd&filter=0&num=20&spell=1&oe=utf8&ie=utf8&site=default_collection)

Jack Rabbit Video (free):

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/jackrabbit.html>

Jack Rabbit Coloring Page:

<http://museum.utep.edu/educate/learninglinks/jackrabbitcolor.pdf>

[http://www.first-school.ws/t/cp\\_animals/jackrabbit.htm](http://www.first-school.ws/t/cp_animals/jackrabbit.htm)

Snowshoe Hare Coloring Page:

[http://www.wolf.org/wolves/learn/justkids/coloring\\_book/c\\_book.asp?pic=sshare](http://www.wolf.org/wolves/learn/justkids/coloring_book/c_book.asp?pic=sshare)

Arctic Hare Video (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/hare\\_arctic.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/rodents-and-rabbits/hare_arctic.html)

## **Odd-Toed Ungulates: horses, zebras, rhinoceroses, tapirs**

### **Horses**

Wild Horses Video (free):

[http://www.newtonsapple.tv/Video \(free\) only.php?id=2038](http://www.newtonsapple.tv/Video%20(free)_only.php?id=2038)

Wild Horses Coloring Page:

[http://www.first-school.ws/t/cp\\_animals/horses/4.htm](http://www.first-school.ws/t/cp_animals/horses/4.htm)

Miniature Horses Video (free):

[http://www.newtonsapple.tv/Video \(free\) only.php?id=2019](http://www.newtonsapple.tv/Video%20(free)_only.php?id=2019)

Przewalski's Horses Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Przewalskis-horse>

Mustang Coloring Page:

<http://www.nationalgeographic.com/coloringbook/mustangs.html>

How to Draw a Horse Video:

[http://www.janbrett.com/video/how\\_to\\_draw\\_horses.htm](http://www.janbrett.com/video/how_to_draw_horses.htm)

Horse Coloring Pages:

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_horses.htm](http://www.janbrett.com/mural/on_noahs_ark_horses.htm)

[http://www.first-school.ws/t/cp\\_animals/horses/3.htm](http://www.first-school.ws/t/cp_animals/horses/3.htm)

<http://www.first-school.ws/t/cphorsefence.htm>

[http://www.first-school.ws/t/cp\\_animals/horses/5.htm](http://www.first-school.ws/t/cp_animals/horses/5.htm)

[http://www.first-school.ws/t/cp\\_animals/horses/6.htm](http://www.first-school.ws/t/cp_animals/horses/6.htm)

[http://www.first-school.ws/t/cp\\_animals/horses/7.htm](http://www.first-school.ws/t/cp_animals/horses/7.htm)

[http://www.first-school.ws/t/cp\\_animals/horses/8.htm](http://www.first-school.ws/t/cp_animals/horses/8.htm)

[http://www.first-school.ws/t/cp\\_animals/horses/14.htm](http://www.first-school.ws/t/cp_animals/horses/14.htm)

## **Zebras**

Zebra Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Zebra>

Zebra Video (United Streaming):

Animal Profiles: Zebra

How to Draw a Zebra Video:

[http://www.janbrett.com/video/dots\\_and\\_stripes.htm](http://www.janbrett.com/video/dots_and_stripes.htm)

Zebra Coloring Page:

[http://www.janbrett.com/hhl\\_framed\\_zebra\\_coloring\\_page.htm](http://www.janbrett.com/hhl_framed_zebra_coloring_page.htm)

Zebra Lapbook:

[http://www.homeschoolshare.com/zebra\\_lapbook.php](http://www.homeschoolshare.com/zebra_lapbook.php)

## **Rhinoceroses**

Rhinoceros Videos (free):

[http://www.newtonsapple.tv/Video\(free\)\\_only.php?id=2031](http://www.newtonsapple.tv/Video(free)_only.php?id=2031)

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Black-rhinoceros>

Rhinoceros Video (United Streaming):

Animal Profiles: Rhinoceros

How to Draw a Rhinoceros Video:

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_rhinoceros.htm](http://www.janbrett.com/video/how_to_draw_a_rhinoceros.htm)

Rhinoceros Coloring Page:

[http://www.freeprintablecoloringpages.net/showcover/Other\\_Animals/Old\\_Rhino](http://www.freeprintablecoloringpages.net/showcover/Other_Animals/Old_Rhino)

## **Tapirs**



Tapir Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep6-tapir.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep6-tapir.html)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/tapir-bairds-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/tapir-bairds-kids.html)

Tapir Video (United Streaming)

The Jeff Corwin Experience: South America: Rain Forest Ecosystem

Tapir Coloring Page:

[http://www.janbrett.com/umbrella\\_coloring\\_tapir.htm](http://www.janbrett.com/umbrella_coloring_tapir.htm)

## **Even-Toed Ungulates: hogs, hippopotamuses, cattle, camels, giraffes,**

Ruminant Animals Video (United Streaming)

Ruminant Animals (Cows, sheep, goats, camels, llamas and deer are ruminant animals.)

### **Pronghorn Antelope**

Pronghorn Video (free):

<http://video.google.com/videoplay?docid=1044652751092226339&q=pronghorn&ei=vhySSL6gOieMqQKvpej5DA>

Pronghorn Coloring Pages:

[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_pronghorn.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_pronghorn.phtml)

[http://www.benefit4kids.org/Pronghorn2\\_50.jpg](http://www.benefit4kids.org/Pronghorn2_50.jpg)

### **Antelopes, Cattle, Gazelles, Goats, Sheep, etc.**

Impala Video (free):

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/deer-and-antelope/impala.html>

Impala Coloring Page:

[http://www.janbrett.com/mural\\_hhl/mural\\_hhl\\_impalas.htm](http://www.janbrett.com/mural_hhl/mural_hhl_impalas.htm)

Wildebeest Migration Video (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/deer-and-antelope/wildebeest\\_migration.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/deer-and-antelope/wildebeest_migration.html)

Wildebeest Coloring Page:

[http://www.janbrett.com/pdf/mural\\_hhl\\_wildebeest.pdf](http://www.janbrett.com/pdf/mural_hhl_wildebeest.pdf)

Gemsbok Coloring Page:

[http://www.janbrett.com/pdf/mural\\_hhl\\_gemsbok.pdf](http://www.janbrett.com/pdf/mural_hhl_gemsbok.pdf)

Springbok Coloring Page:

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_springboks.htm](http://www.janbrett.com/mural/on_noahs_ark_springboks.htm)

Gazelle Video (United Streaming)

Animal Profiles: Gazelles

Gazelle Coloring Page:

<http://thecoloringspot.com/images/animalpx/gazelle.jpg>

Bison Video (United Streaming):

Animal Profiles: North American Bison

Bison Video (free):

<http://www.newtonsapple.tv/video.php?id=1155>

Bison Coloring Page:

<http://www.kidsdomain.com/brain/animals/color/bison.pdf>

Cattle Videos (United Streaming)

Beef Cattle

Cattle Ranch

Dairy Cattle

Dairy Farm Video (free):

<http://www.newtonsapple.tv/video.php?id=1160>

Cow Coloring Page:

<http://christiananswers.net/kids/clr-cow.html>

Musk Ox Video (free):

[http://www.newtonsapple.tv/Video \(free\) only.php?id=2020](http://www.newtonsapple.tv/Video (free) only.php?id=2020)

Musk Ox Video (United Streaming):

Animal Profiles: Musk Ox

Musk Ox Coloring:

<http://50birds.com/CB/muskox.htm>

Kudu Coloring Page:

[http://www.janbrett.com/honey\\_honey\\_lion\\_kudu\\_coloring\\_page.htm](http://www.janbrett.com/honey_honey_lion_kudu_coloring_page.htm)

Bighorn Sheep Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/sheep-bighorn-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/sheep-bighorn-kids.html)

Sheep Video (United Streaming)

Sheep Ranch

Argali Sheep Coloring Sheet

<http://50birds.com/CB/argalisheep.htm>

Goats Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2013](http://www.newtonsapple.tv/Video (free)_only.php?id=2013)

Fainting Goats Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/goat-fainting-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/goat-fainting-kids.html)

Goat Coloring Page:

<http://thecoloringspot.com/images/animalpx/goat.jpg>

Ibex Coloring Page:

<http://50birds.com/CB/ibex.htm>

Mountain Goats Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/mountain-goats-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/mountain-goats-kids.html)

### **Camels, Llamas, Guanaco**

Camel Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2006](http://www.newtonsapple.tv/Video (free)_only.php?id=2006)

Camel Video (United Streaming)

Animal Profiles: Camels

Camel Coloring Page:

<http://christiananswers.net/kids/coloring-camel-printable.html>

Camel Lapbook:

[http://www.homeschoolshare.com/camel\\_lapbook.php](http://www.homeschoolshare.com/camel_lapbook.php)

Llamas Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2018](http://www.newtonsapple.tv/Video (free)_only.php?id=2018)

Llama Coloring Page:

<http://thecoloringspot.com/images/animalpx/llama.jpg>

Guanaco Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Guanaco>

### **Deer**

Deer Video (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/deer-and-antelope/caribou\\_antlers.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/deer-and-antelope/caribou_antlers.html)

Elk Video (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/deer-and-antelope/elk\\_bugling.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/deer-and-antelope/elk_bugling.html)

Deer Video (United Streaming):  
Animal Profiles: North American Deer

White Tailed Deer Coloring Page:  
[http://www.wolf.org/wolves/learn/justkids/coloring\\_book/c\\_book.asp?pic=deer](http://www.wolf.org/wolves/learn/justkids/coloring_book/c_book.asp?pic=deer)  
[http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd\\_bk\\_k0700\\_0048a.pdf](http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd_bk_k0700_0048a.pdf) (page 8)  
[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_wt\\_deer.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_wt_deer.phtml)

Moose Coloring Page:  
[http://www.wolf.org/wolves/learn/justkids/coloring\\_book/c\\_book.asp?pic=moose](http://www.wolf.org/wolves/learn/justkids/coloring_book/c_book.asp?pic=moose)  
<http://thecoloringspot.com/images/animalpx/moose.jpg>

Reindeer Video (free):  
[http://www.newtonsapple.tv/Video\\_\(free\)\\_only.php?id=2030](http://www.newtonsapple.tv/Video_(free)_only.php?id=2030)

Reindeer Coloring Page:  
<http://50birds.com/CB/reindeer.htm>

Caribou Video (free):  
[http://www.newtonsapple.tv/Video\\_\(free\)\\_only.php?id=2007](http://www.newtonsapple.tv/Video_(free)_only.php?id=2007)

## **Giraffes and Okapi**

Giraffe Video (free):  
[http://www.nationalgeographic.com/kids/creature\\_feature/0111/](http://www.nationalgeographic.com/kids/creature_feature/0111/)

Giraffe Coloring Page:  
<http://www.nationalgeographic.com/coloringbook/giraffes.html>  
[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_giraffes.htm](http://www.janbrett.com/mural/on_noahs_ark_giraffes.htm)  
[http://www.janbrett.com/honey\\_honey\\_lion\\_giraffe\\_coloring\\_page.htm](http://www.janbrett.com/honey_honey_lion_giraffe_coloring_page.htm)  
[http://www.janbrett.com/hhl\\_giraffe\\_with\\_border\\_coloring\\_page.htm](http://www.janbrett.com/hhl_giraffe_with_border_coloring_page.htm)  
<http://www.kidsdomain.com/brain/animals/color/giraffe.pdf>  
<http://www.kidsdomain.com/brain/animals/color/gir90.gif>

Okapi Video (free):  
[http://Video\\_\(free\).nationalgeographic.com/Video\\_\(free\)/player/kids.html?Video\\_\(free\)\\_ref=okapi\\_kids](http://Video_(free).nationalgeographic.com/Video_(free)/player/kids.html?Video_(free)_ref=okapi_kids)

How to Draw an Okapi Video:  
[http://www.janbrett.com/video/how\\_to\\_draw\\_an\\_okapi.htm](http://www.janbrett.com/video/how_to_draw_an_okapi.htm)

## **Hippopotamuses**

Hippopotamus Videos (free):  
[http://www.nationalgeographic.com/kids/creature\\_feature/0009/](http://www.nationalgeographic.com/kids/creature_feature/0009/)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/reptiles-kids/hippo-crocodile-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/reptiles-kids/hippo-crocodile-kids.html)

Hippopotamus Video (United Streaming)  
Animal Profiles: Hippopotamus

Hippopotamus Coloring Pages:

<http://www.nationalgeographic.com/coloringbook/hippos.html>

<http://50birds.com/CB/hippopotamus.htm>

[http://www.janbrett.com/honey\\_honey\\_lion\\_hippo\\_coloring\\_page.htm](http://www.janbrett.com/honey_honey_lion_hippo_coloring_page.htm)

## **Hogs and Pigs**

Warthog Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/warthog-baby-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/warthog-baby-kids.html)

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Warthog>

Warthog Coloring Page:

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_warthogs.htm](http://www.janbrett.com/mural/on_noahs_ark_warthogs.htm)

Potbelly Pigs Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2028](http://www.newtonsapple.tv/Video (free)_only.php?id=2028)

Pig Coloring Page:

<http://www.kidsdomain.com/brain/animals/color/pig.pdf>

Pig Lapbook:

[http://www.homeschoolshare.com/pig\\_lapbook.php](http://www.homeschoolshare.com/pig_lapbook.php)

Hogs Video (United Streaming)

Hogs

## **Peccaries**

Peccary Coloring Pages:

<http://museum.utep.edu/educate/learninglinks/peccarycolor.htm>

[http://www.first-school.ws/t/cp\\_animals/peccary-javelina.htm](http://www.first-school.ws/t/cp_animals/peccary-javelina.htm)

[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_javelina.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_javelina.phtml)

**Primates:                      lemurs, tarsiers, monkeys, apes**

Various Primate Videos (gorilla, baboon, orangutan)

<http://animal.discovery.com/guides/atoz/primates.html>

Chimps vs. Humans:

<http://www.answersingenesis.org/articles/kw/are-chimps-human>

Chimpanzees Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2008](http://www.newtonsapple.tv/Video (free)_only.php?id=2008)

[http://www.nationalgeographic.com/kids/creature\\_feature/0112/](http://www.nationalgeographic.com/kids/creature_feature/0112/)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/chimp-tools-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/chimp-tools-kids.html)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/chimp-baby-playing-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/chimp-baby-playing-kids.html)

Chimpanzee Video (United Streaming)

Animal Profiles: Chimpanzees

Chimpanzee Coloring Page:

<http://www.nationalgeographic.com/coloringbook/chimpanzees.html>

Lowland Gorilla Video (free):

[http://www.nationalgeographic.com/kids/creature\\_feature/0007/](http://www.nationalgeographic.com/kids/creature_feature/0007/)

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Mountain-gorilla>

Lowland Gorilla Coloring Page:

<http://www.nationalgeographic.com/coloringbook/gorillas.html>

Gorilla Video (United Streaming)

Animal Profiles: Gorillas

Mandrill Video (United Streaming)

Animal Profiles: Mandrills

Golden Monkey Video (United Streaming):

Animal Profiles: Golden Monkeys

Orangutan Video (free):

[http://www.nationalgeographic.com/kids/creature\\_feature/0102/](http://www.nationalgeographic.com/kids/creature_feature/0102/)

Orangutan Video (United Streaming):

Animal Profiles: Orangutan

Orangutan Coloring Page:

<http://www.nationalgeographic.com/coloringbook/orangutans.html>

Monkey Trouble Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep6-monkeygang.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep6-monkeygang.html)

Howler Monkey Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/monkey-howler-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/monkey-howler-kids.html)

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Howler-monkey>

Howler Monkey Coloring Page:

[http://www.rainforest-](http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/black_howler_monkey.pdf)

[alliance.org/programs/education/teachers/curriculum/resources/documents/black\\_howler\\_monkey.pdf](http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/black_howler_monkey.pdf)

[http://www.first-school.ws/t/cpmonkey\\_howling.htm](http://www.first-school.ws/t/cpmonkey_howling.htm)

Snow Monkey Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep2-snowmonkeys.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep2-snowmonkeys.html)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\) ref=monkey macaque snow texas kids](http://Video (free).nationalgeographic.com/Video (free)/player/kids.html?Video (free) ref=monkey macaque snow texas kids)

Tamarin Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/tamarin-goldenlion-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/tamarin-goldenlion-kids.html)

Marmosets & Tamarins Video (United Streaming)

Animal Profiles: Marmosets & Tamarins

Baboon Coloring Page:

<http://www.first-school.ws/t/cpbaboon.htm>

Spider Monkey Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\) ref=monkey spider kids](http://Video (free).nationalgeographic.com/Video (free)/player/kids.html?Video (free) ref=monkey spider kids)

Gibbons Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\) ref=gibbon swinging kids](http://Video (free).nationalgeographic.com/Video (free)/player/kids.html?Video (free) ref=gibbon swinging kids)

Gibbons Video (United Streaming)

Animal Profiles: Gibbons

Ring-Tailed Lemur Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Ring-tailed-lemur>

Tarsier Coloring Page:

<http://www.christiananswers.net/kids/tarsier.pdf>

Monkey Coloring Page:

[http://www.janbrett.com/umbrella\\_coloring\\_monkey.htm](http://www.janbrett.com/umbrella_coloring_monkey.htm)

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_monkeys.htm](http://www.janbrett.com/mural/on_noahs_ark_monkeys.htm)

**Elephants:**

**elephants**

Elephant Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2045](http://www.newtonsapple.tv/Video (free)_only.php?id=2045)

[http://www.nationalgeographic.com/kids/creature\\_feature/0103/](http://www.nationalgeographic.com/kids/creature_feature/0103/)

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/elephants/elephant\\_african\\_mourning.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/elephants/elephant_african_mourning.html)

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/elephants/elephant\\_african\\_baby.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/elephants/elephant_african_baby.html)

Elephant Video (United Streaming)

Animal Profiles: Elephants

World of Nature: Ed, The Orphan Elephant

How to Draw an Elephant Video:

[http://www.janbrett.com/video/how\\_to\\_draw\\_an\\_elephant.htm](http://www.janbrett.com/video/how_to_draw_an_elephant.htm)

Elephant Worksheet -- African vs. Asian:

[http://www.education-world.com/a\\_lesson/worksheets/TCM/pdfs/010803is.pdf](http://www.education-world.com/a_lesson/worksheets/TCM/pdfs/010803is.pdf)

Elephant Coloring Page:

[http://www.nationalgeographic.com/coloringbook/afr\\_elephants.html](http://www.nationalgeographic.com/coloringbook/afr_elephants.html)

[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_elephants.htm](http://www.janbrett.com/mural/on_noahs_ark_elephants.htm)

[http://www.janbrett.com/pdf/mural\\_hhl\\_elephant2.pdf](http://www.janbrett.com/pdf/mural_hhl_elephant2.pdf)

[http://www.janbrett.com/pdf/mural\\_hhl\\_elephant.pdf](http://www.janbrett.com/pdf/mural_hhl_elephant.pdf)

[http://www.janbrett.com/pdf/mural\\_hhl\\_baby\\_elephant.pdf](http://www.janbrett.com/pdf/mural_hhl_baby_elephant.pdf)

**Carnivores:                    cats, dogs, weasels, bears, hyena**

### **Red Pandas**

Red Panda Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/panda-red-farley-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/panda-red-farley-kids.html)

Red Panda Video (United Streaming)

Animal Profiles: Red Panda

### **Dogs, Coyotes, Wolves, Foxes, Jackals**

Canine Videos (free):

<http://animal.discovery.com/guides/atoz/canines.html>

Dog Detective Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep1-detectedog.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep1-detectedog.html)



How to Draw a Siberian Husky Dog Video:

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_siberian\\_husky\\_dog.htm](http://www.janbrett.com/video/how_to_draw_a_siberian_husky_dog.htm)

Wild painted Dog Video (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/dogs-wolves-and-foxes/fox\\_arctic.html?fs=animals-panther.nationalgeographic.com](http://video.nationalgeographic.com/video/player/animals/mammals-animals/dogs-wolves-and-foxes/fox_arctic.html?fs=animals-panther.nationalgeographic.com)

Wild Dog Lapbook:

[http://www.homeschoolshare.com/wild\\_dogs\\_lapbook.php](http://www.homeschoolshare.com/wild_dogs_lapbook.php)

Coyote Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Coyote>

Coyote Coloring Page:

<http://museum.utep.edu/educate/learninglinks/coyotecolor.htm>

[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_coyote.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_coyote.phtml)

Wolves Video (United Streaming):

Animal Profiles: Wolves

Wolf Coloring Page:

[http://www.wolf.org/wolves/learn/justkids/coloring\\_book/c\\_book.asp?pic=wolf](http://www.wolf.org/wolves/learn/justkids/coloring_book/c_book.asp?pic=wolf)

Wolf Mask:

<http://www.wolf.org/wolves/learn/justkids/mask/wolfmask.asp>

Gray Wolf Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Graywolf>

Gray Wolf Coloring Page:

<http://www.nationalgeographic.com/coloringbook/graywolves.html>

Red Fox Video (free):

[http://www.newtonsapple.tv/Video \(free\) only.php?id=2029](http://www.newtonsapple.tv/Video%20(free)%20only.php?id=2029)

Red Fox Coloring Pages:

<http://pelotes.jea.com/ColoringPage/Mammal/colredfox.htm>

<http://www.kidsdomain.com/brain/animals/color/fox90.gif>

Gray Fox Coloring Page:

<http://museum.utep.edu/educate/learninglinks/grayfoxcolor.htm>

Bat-Eared Fox Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/fox-bat-eared-kids.html](http://Video%20(free).nationalgeographic.com/Video%20(free)/player/kids/animals-pets-kids/mammals-kids/fox-bat-eared-kids.html)

Bat-Eared Fox Coloring Page:

[http://www.janbrett.com/mural/on\\_noahs\\_bat\\_eared\\_foxes.htm](http://www.janbrett.com/mural/on_noahs_bat_eared_foxes.htm)

## **Skunk**

Skunk Video (free):

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/skunk.html>

Skunk Coloring Page:

<http://museum.utep.edu/educate/learninglinks/stripedskunkcolor.htm>

## **Otter, Wolverines, Badgers, Ferrets, Minks, Weasels**

Otters Video (free):

[http://www.newtonsapple.tv/Video \(free\) \\_only.php?id=2022](http://www.newtonsapple.tv/Video (free) _only.php?id=2022)

[http://www.nationalgeographic.com/kids/creature\\_feature/0006/](http://www.nationalgeographic.com/kids/creature_feature/0006/)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep2-otters.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep2-otters.html)

Otter Video (United Streaming):

Animal Profiles: Otters

Otter Coloring Page:

[http://www.nationalgeographic.com/coloringbook/river\\_otters.html](http://www.nationalgeographic.com/coloringbook/river_otters.html)

Wolverine Video (free):

[http://www.newtonsapple.tv/Video \(free\) \\_only.php?id=2039](http://www.newtonsapple.tv/Video (free) _only.php?id=2039)

Badger Coloring Pages:

<http://museum.utep.edu/educate/learninglinks/badgercolor.htm>

[http://www.janbrett.com/pdf/mural\\_hhl\\_honey\\_badger.pdf](http://www.janbrett.com/pdf/mural_hhl_honey_badger.pdf)

Black-footed Ferret Video (free):

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/skunk.html>

Weasel Video (United Streaming)

Animal Profiles: Weasel Family

## **Raccoons**

Raccoon Video (free):

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/raccoon.html>

Raccoon Coloring Page:

<http://pelotes.jea.com/ColoringPage/Mammal/colraccoon.htm>

Ringtail Cat Coloring Page:

<http://museum.utep.edu/educate/learninglinks/ringtailcolor.htm>

## **Bears**

Bear Worksheets:

<http://www.kidzone.ws/lw/bears/activities.htm>

[http://www.education-world.com/a\\_lesson/worksheets/TCM/pdfs/000901is.pdf](http://www.education-world.com/a_lesson/worksheets/TCM/pdfs/000901is.pdf)

Grizzly Bear Video (free):

[http://www.newtonsapple.tv/Video \(free\) only.php?id=2015](http://www.newtonsapple.tv/Video%20(free)%20only.php?id=2015)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\) ref=bear grizzly teachingcubs kids](http://Video%20(free).nationalgeographic.com/Video%20(free)/player/kids.html?Video%20(free)_ref=bear_grizzly_teachingcubs_kids)

Grizzly Bear Video (United Streaming):

Animal Profiles: Grizzly Bear

Grizzly Bear Coloring Page:

<http://museum.utep.edu/educate/learninglinks/grizzlycolor.htm>

Brown Bear Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Brown-bear>

Black Bear Coloring Page:

[http://www.wolf.org/wolves/learn/justkids/coloring\\_book/c\\_book.asp?pic=bear](http://www.wolf.org/wolves/learn/justkids/coloring_book/c_book.asp?pic=bear)

<http://museum.utep.edu/educate/learninglinks/blackbearcolor.htm>

Spectacled Bear Coloring Page:

<http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/spectacledbearcoloringpageformatted.pdf>

Polar Bear Video (free):

[http://www.nationalgeographic.com/kids/creature\\_feature/0004/index.html](http://www.nationalgeographic.com/kids/creature_feature/0004/index.html)

Polar Bear Video (United Streaming):

Animal Profiles: Polar Bear

How to Draw a Baby Polar Bear Video:

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_baby\\_polar\\_bear.htm](http://www.janbrett.com/video/how_to_draw_a_baby_polar_bear.htm)

Polar Bear Coloring Page:

<http://www.nationalgeographic.com/coloringbook/polarbears.html>

Giant Panda Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/panda-wild-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/panda-wild-kids.html)

Giant Panda Coloring Page:

<http://www.kidsdomain.com/brain/animals/color/panda.pdf>

Giant Panda Lapbook:

<http://www.homeschoolshare.com/turtles.php>

## **Cats**

Cats Video (United Streaming):

Animal Profiles: North American Cats

Big Cats Videos (free):

<http://animal.discovery.com/guides/atoz/bcats.html>

Tiger Video (free):

[http://www.nationalgeographic.com/kids/creature\\_feature/0012/](http://www.nationalgeographic.com/kids/creature_feature/0012/)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep3-sitatiger.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep3-sitatiger.html)

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/cats/tiger\\_bengal.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/cats/tiger_bengal.html)

Tiger Video (United Streaming)

Animal Profiles: Tigers

Tiger Coloring Page:

<http://www.nationalgeographic.com/coloringbook/tigers.html>

<http://www.kidsdomain.com/brain/animals/color/tig90.gif>

Tiger Lapbook:

[http://www.homeschoolshare.com/Tiger\\_Lapbook.php](http://www.homeschoolshare.com/Tiger_Lapbook.php)

Siberian Tiger Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2034](http://www.newtonsapple.tv/Video (free)_only.php?id=2034)

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/cats/tiger\\_siberian.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/cats/tiger_siberian.html)

Build a Zoo Habitat for a Rare Siberian Tiger:

<http://www.nationalgeographic.com/tigers/maina.html>

Lion Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/Lion>

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/porcupine-lions-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/porcupine-lions-kids.html)

Lion Video (United Streaming)  
Animal Profiles: Lions

How to Draw a Lion Video:  
[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_lion.htm](http://www.janbrett.com/video/how_to_draw_a_lion.htm)

Lion Coloring Page:  
<http://www.nationalgeographic.com/coloringbook/lions.html>  
[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_lions.htm](http://www.janbrett.com/mural/on_noahs_ark_lions.htm)  
[http://www.janbrett.com/honey\\_honey\\_lion\\_lion\\_coloring\\_page.htm](http://www.janbrett.com/honey_honey_lion_lion_coloring_page.htm)

Snow Leopard Video (United Streaming)  
Animal Profiles: Snow Leopards

Clouded Leopard Video (free):  
[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/leopard-clouded-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/leopard-clouded-kids.html)

Leopard Coloring Page:  
<http://www.nationalgeographic.com/coloringbook/leopards.html>  
[http://www.janbrett.com/mural/on\\_noahs\\_ark\\_leopards.htm](http://www.janbrett.com/mural/on_noahs_ark_leopards.htm)

Cougars Video (free):  
[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2010](http://www.newtonsapple.tv/Video (free)_only.php?id=2010)

Mountain Lion Coloring Page:  
[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_wtx\\_mtnlion.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_wtx_mtnlion.phtml)

Ocelot Video (free):  
[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\)\\_ref=ocelot\\_kids](http://Video (free).nationalgeographic.com/Video (free)/player/kids.html?Video (free)_ref=ocelot_kids)

Ocelot Coloring Pages:  
[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_ocelot.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_ocelot.phtml)  
<http://thecoloringspot.com/images/animalpx/ocelot.jpg>

Bobcat Video (free):  
[http://video.nationalgeographic.com/video/player/animals/mammals-animals/cats/bobcat\\_kiawah.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/cats/bobcat_kiawah.html)

Bobcat Coloring Page:  
[http://www.tpwd.state.tx.us/kids/fun\\_stuff/color/color\\_bobcat.phtml](http://www.tpwd.state.tx.us/kids/fun_stuff/color/color_bobcat.phtml)

Cheetah Video (free):  
[http://www.nationalgeographic.com/kids/creature\\_feature/0003/](http://www.nationalgeographic.com/kids/creature_feature/0003/)

Cheetah Video (United Streaming)  
Animal Profiles: Cheetahs

Cheetah Coloring Page:  
<http://www.nationalgeographic.com/coloringbook/cheetahs.html>

<http://www.kidsdomain.com/brain/animals/color/cheetah.pdf>

Jaguar Coloring Page:

<http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/jaguarcoloringpage.PDF>

[http://www.janbrett.com/umbrella\\_coloring\\_jaguar.htm](http://www.janbrett.com/umbrella_coloring_jaguar.htm)

### **Mongoose, Meerkats**

Meerkat Video (free):

[http://Video\(free\).nationalgeographic.com/Video\(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep7-meerkatcode.html](http://Video(free).nationalgeographic.com/Video(free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep7-meerkatcode.html)

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/pangolin.html>

Meerkat Lapbook:

<http://www.homeschoolshare.com/meerkats.php>

### **Hyena, Aardwolf**

Hyena Video (free):

<http://video.nationalgeographic.com/video/player/animals/mammals-animals/other-mammals/pangolin.html>

Hyena Coloring Page:

[http://www.janbrett.com/mural\\_hhl/mural\\_hhl\\_hyena.htm](http://www.janbrett.com/mural_hhl/mural_hhl_hyena.htm)

## **Cetaceans: whales, dolphins, porpoises**

Cetecean Teacher' Guide:

<http://www.acsonline.org/education/curriculum/index.html>

Dolphins and Whales Teacher's Guide

[http://www.dolphinsandwhales3d.com/education/d&w3d\\_educatorsguide.pdf](http://www.dolphinsandwhales3d.com/education/d&w3d_educatorsguide.pdf)

Whales Teacher's Guide (K-3)

<http://www.seaworld.org/just-for-teachers/guides/pdf/whales-k-3.pdf>

Whales Teacher's Guide (4-8)

<http://www.seaworld.org/just-for-teachers/guides/pdf/whales-4-8.pdf>

Whale Video (United Streaming):

Animal Profiles: Whales

Whale Lapbook:

<http://www.homeschoolshare.com/whales.php>

Listen to Whale Sounds:

[http://www.oceanalliance.org/whalegallery/wg\\_audio.html](http://www.oceanalliance.org/whalegallery/wg_audio.html)

Humpback Whale Video (free):

[http://Video\(free\).nationalgeographic.com/Video\(free\)/player/kids/animals-pets-kids/mammals-kids/whale-humpback-kids.html](http://Video(free).nationalgeographic.com/Video(free)/player/kids/animals-pets-kids/mammals-kids/whale-humpback-kids.html)

Listen to Humpback Whales:

<http://www.nationalgeographic.com/radiox/frame.html?humpback/index.html>

Humpback Whale Coloring Page:

<http://www.nationalgeographic.com/coloringbook/whales.html>

Killer Whales Video (free):

[http://Video\(free\).nationalgeographic.com/Video\(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep3-whaleears.html](http://Video(free).nationalgeographic.com/Video(free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep3-whaleears.html)

Killer Whale Coloring Page & Fact File:

[http://www.learningpage.com/pages/memberpdfs/fact\\_files/oceans/o\\_ff13.pdf](http://www.learningpage.com/pages/memberpdfs/fact_files/oceans/o_ff13.pdf)

Blue Whale Coloring Page & Fact File:

[http://www.learningpage.com/pages/memberpdfs/fact\\_files/oceans/o\\_ff14.pdf](http://www.learningpage.com/pages/memberpdfs/fact_files/oceans/o_ff14.pdf)

Blue Whale Coloring Page:

<http://www.nationalgeographic.com/coloringbook/bluewhales.html>

Sperm Whale Coloring Page & Fact File:

[http://www.learningpage.com/pages/memberpdfs/fact\\_files/oceans/o\\_ff18.pdf](http://www.learningpage.com/pages/memberpdfs/fact_files/oceans/o_ff18.pdf)

Narwhal Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/narwhals-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/narwhals-kids.html)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep4-narwhalooth.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep4-narwhalooth.html)

Gray Whale Migration Video (free):

[http://video.nationalgeographic.com/video/player/animals/mammals-animals/whales/whale\\_graymigration.html](http://video.nationalgeographic.com/video/player/animals/mammals-animals/whales/whale_graymigration.html)

Whale Migration Mapping Exercise:

<http://www-tc.pbs.org/kqed/oceanadventures/educators/pdf/OceanAdv-OnTheMove.pdf>

<http://www.oceanoasis.org/teachersguide/activity1.html>

<http://teacher.scholastic.com/lessonrepro/reproducibles/whalemig.htm>

Wonderful World of Whales Resources:

<http://teacher.scholastic.com/products/instructor/whales.htm>

Listen to Pilot Whale:

<http://www.compusult.nf.ca/ditt/pilotsnd.htm>

Pilot Whale Coloring Page:

<http://www.nationalgeographic.com/coloringbook/pilotwhales.html>

Orca Video (free):

[http://www.nationalgeographic.com/kids/creature\\_feature/0105/](http://www.nationalgeographic.com/kids/creature_feature/0105/)

Dolphins Video (free):

[http://www.newtonsapple.tv/Video \(free\)\\_only.php?id=2011](http://www.newtonsapple.tv/Video (free)_only.php?id=2011)

[http://www.nationalgeographic.com/kids/creature\\_feature/0108/](http://www.nationalgeographic.com/kids/creature_feature/0108/)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep7-smartdolphins](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep7-smartdolphins)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\)\\_ref=pink\\_river\\_dolphin\\_kids](http://Video (free).nationalgeographic.com/Video (free)/player/kids.html?Video (free)_ref=pink_river_dolphin_kids)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/dolphin-fishing-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/dolphin-fishing-kids.html)

Dolphins Video (United Streaming):

Animal Profiles: Dolphins

How to Draw a Dolphin Video:

[http://www.janbrett.com/video/how\\_to\\_draw\\_a\\_dolphin.htm](http://www.janbrett.com/video/how_to_draw_a_dolphin.htm)

Dolphins Resources:

<http://teacher.scholastic.com/dolphin/>

<http://www.scholastics.ca/teacher/lessonrepro/lessonplans/dolphin/tguide.htm>

<http://www.dolphinwatchnaturetours.com/edres/dolphin.anatomy.htm>

Dolphins Coloring Page:

<http://www.nationalgeographic.com/coloringbook/dolphins.html>



<http://pelotes.jea.com/ColoringPage/Mammal/coldolp.htm>

[http://www.learningpage.com/free\\_pages/pdfs/fact\\_files/oceans/o\\_ff01.pdf](http://www.learningpage.com/free_pages/pdfs/fact_files/oceans/o_ff01.pdf)

<http://www.rainforest->

[alliance.org/programs/education/teachers/curriculum/resources/documents/amazon\\_river\\_dolphin.pdf](http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/amazon_river_dolphin.pdf)

Dolphin/Porpoise Quiz:

[http://www.nationalgeographic.com/ngkids/amfacts/dlph\\_q1.html](http://www.nationalgeographic.com/ngkids/amfacts/dlph_q1.html)

Dolphin Lapbook:

[http://www.homeschoolshare.com/dolphin\\_lapbook.php](http://www.homeschoolshare.com/dolphin_lapbook.php)

## **Pinnipeds: seals, sea lions, walruses**

Seals, Sea Lions and Walruses Teacher's Guide (K-3)

<http://www.seaworld.org/just-for-teachers/guides/pdf/s&sl-k-3.pdf>

Seals, Sea Lions and Walruses Teacher's Guide (4-8)

<http://www.seaworld.org/just-for-teachers/guides/pdf/s&sl-4-8.pdf>

Pinniped Video (United Streaming):

Animal Profiles: Seals, Sea Lions and Walruses

Seals Video (free):

[http://www.newtonsapple.tv/Video \(free\) only.php?id=2033](http://www.newtonsapple.tv/Video (free) only.php?id=2033)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep1-puffsmom.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/wild-detectives-kids/wd-ep1-puffsmom.html)

Seal Wild-Cam & Seal vs. Sea Lion:

<http://www.nationalgeographic.com/stellercam/>

Seal Coloring Pages:

<http://www.nationalgeographic.com/coloringbook/grayseals.html>

<http://www.nationalgeographic.com/coloringbook/monkseal.html>

<http://www.nationalgeographic.com/coloringbook/leopardseals.html>

[http://www.learningpage.com/pages/memberpdfs/fact\\_files/oceans/o\\_ff05.pdf](http://www.learningpage.com/pages/memberpdfs/fact_files/oceans/o_ff05.pdf)

Sea Lions Coloring Page:

[http://www.nationalgeographic.com/coloringbook/sea\\_lions.html](http://www.nationalgeographic.com/coloringbook/sea_lions.html)

California Sea Lion Coloring Page & Fact File:

[http://www.learningpage.com/pages/memberpdfs/fact\\_files/oceans/o\\_ff04.pdf](http://www.learningpage.com/pages/memberpdfs/fact_files/oceans/o_ff04.pdf)

Walrus Video (free):

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids/animals-pets-kids/mammals-kids/walrus-cub-kids.html](http://Video (free).nationalgeographic.com/Video (free)/player/kids/animals-pets-kids/mammals-kids/walrus-cub-kids.html)

[http://Video \(free\).nationalgeographic.com/Video \(free\)/player/kids.html?Video \(free\) ref=kids\\_pushups](http://Video (free).nationalgeographic.com/Video (free)/player/kids.html?Video (free) ref=kids_pushups)

Walrus Coloring Page & Fact File:

[http://www.learningpage.com/free\\_pages/pdfs/fact\\_files/oceans/o\\_ff02.pdf](http://www.learningpage.com/free_pages/pdfs/fact_files/oceans/o_ff02.pdf)

**Sirenia (sea cows):                      manatees, dugongs**

Dugong Coloring Page:

<http://www.nationalgeographic.com/coloringbook/dugongs.html>

Dugong Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/West-indian-manatee>

Manatee Video (free):

<http://kids.nationalgeographic.com/Animals/CreatureFeature/West-indian-manatee>

Manatee Video (United Streaming):

Animal Profiles: Manatees

Manatee Coloring & Activity Book:

<http://www.savethemanatee.org/Coloring%20Book.pdf>

Manatee Coloring Page & Fact File:

[http://www.learningpage.com/pages/memberpdfs/fact\\_files/oceans/o\\_ff16.pdf](http://www.learningpage.com/pages/memberpdfs/fact_files/oceans/o_ff16.pdf)

<http://www.rainforest->

[alliance.org/programs/education/teachers/curriculum/resources/documents/manateecoloringpageformatted.PDF](http://www.rainforest-alliance.org/programs/education/teachers/curriculum/resources/documents/manateecoloringpageformatted.PDF)

Manatee Educator's Guide:

<http://www.savethemanatee.org/EdGuideSm.pdf>

Manatee Fast Facts and Anatomy:

[http://www.savethemanatee.org/fact\\_sheet.pdf](http://www.savethemanatee.org/fact_sheet.pdf)

<http://www.savethemanatee.org/anatomy.pdf>

Free Manatee Lapbook:

[http://www.homeschoolshare.com/manatee\\_lapbook.php](http://www.homeschoolshare.com/manatee_lapbook.php)