

Grade One Resources

TRC's Education Program Director/Consultant, Dave Taylor, has put together a variety of resources for teachers and students that can be used to enhance the learning experience of field trips at Riverwood.

This document contains a list of recommended videos and questions to help guide discussion. These resources follow the appropriate curriculum for the various grades and will help your students to connect their time at Riverwood to their classroom learning.

Recommended Videos for Living Things (Full or Half Day) Field Trip

Title	Vimeo Ref #
Bird Series	
Passerines (Song Birds)	
American Robin	https://vimeo.com/140211420
Barn Swallows	https://vimeo.com/139288244
Birds at a Feeder I	https://vimeo.com/138465867
Birds at a Feeder II	https://vimeo.com/138465868
Colourful Birds at a Feeder	https://vimeo.com/167872836
Birds of Riverwood (Passerines)	https://vimeo.com/341462482
Blue Jay: At the feeder	https://vimeo.com/145749832
Chickadees at a Feeder	https://vimeo.com/144213763
Finches at the Feeder	https://vimeo.com/145785409
Tree Swallow Spring	https://vimeo.com/142759487
Yellow Warbler Nest	https://vimeo.com/172460379
Waterfowl Series	
Canada Goose	https://vimeo.com/139764575
Wood Duck	https://vimeo.com/136303259
Birds of Prey Series	
Osprey and Hawk	https://vimeo.com/234912270
Woodpecker Series	
Downy Woodpeckers: feeder	https://vimeo.com/145754085
Hummingbirds	
Ruby-throated Hummingbird	https://vimeo.com/228854826
Ruby-throated Hummingbird II	https://vimeo.com/248055066
Wading Bird Series	
Great Blue Heron	https://vimeo.com/138188085
Great Blue Heron: Nesting...	https://vimeo.com/140252114
Game Bird Series	
Wild Turkey	https://vimeo.com/142160748
Owl Series	
Great Horned Owl Nest	https://vimeo.com/167631462
Mammal Series	
Carnivores:	
Raccoon: The Masked Bandit	https://vimeo.com/228866461
Canine Series	
Coyote	https://vimeo.com/138113980
Red Fox Hunting	https://vimeo.com/228858600

Grizzly Bear: Cubs of the year	https://vimeo.com/292608660
Nature: Grizzly Bear: Cubs of the year	https://vimeo.com/292606506
Rodent Series	
Muskrat Dawn	https://vimeo.com/147546097
Cottontail Rabbit: Spring	https://vimeo.com/149039850
Ungulate Series:	
White-tailed Deer Series	
White-tailed Fawn	https://vimeo.com/136302906
White-tailed Kindergarten	https://vimeo.com/138188058
White-tailed Deer: The Rut Begins	https://vimeo.com/145217845
White-tailed Deer: Six-point and the doe	https://vimeo.com/145698474
Big Buck and the Does	https://vimeo.com/147281198
White-tail Buck: Summer	https://vimeo.com/147403643
Whitetails in January	https://vimeo.com/229480453
White-tail Buck: Fall	https://vimeo.com/147414945
Nature: White Tails Sparring	https://vimeo.com/292577632
White Tails Sparring	https://vimeo.com/292576279
Fish Series	
Salmon Series	
Credit River Salmon	https://vimeo.com/142070570
Fishing for Salmon	https://vimeo.com/142810905
Leaping Salmon	https://vimeo.com/142571891
Salmon Spawning (Underwater)	https://vimeo.com/143154590
Salmon Spawning (above)	https://vimeo.com/143171639
Chinook Salmon: Life Continues	https://vimeo.com/144807457
Amphibian Series	
Time of the Toads	https://vimeo.com/136310291
Song of the Toads	https://vimeo.com/165717571
Some Frogs of Riverwood	https://vimeo.com/139878092
Spotted Salamander	https://vimeo.com/165057810
Reptile Series	
Snapping Turtle	https://vimeo.com/139764574
Insects and Invertebrate Series	
Honey Bees in the Hive	https://vimeo.com/142680332
Pollinators and Predators	https://vimeo.com/138188061
Monarch	https://vimeo.com/138188059
Habitat Series	
Wild Riverwood (no narration)	https://vimeo.com/247240424
Wild Riverwood (narration)	https://vimeo.com/246723815
The Credit River	https://vimeo.com/136302909
The Gardens of Riverwood	https://vimeo.com/139156254
Forest Wildlife in Summer	https://vimeo.com/140056479
Fall Comes to Riverwood	https://vimeo.com/143640179
Riverwood in Summer	https://vimeo.com/316859894

General Discussion Questions & Answers

Based on Grade 1 Understanding Life Systems: Needs and Characteristics of Living Things

Q: What do the animals featured need to survive?

A: Food, Water, Space Shelter

Q: What do the babies need to survive and grow?

A: Food, Shelter, Water, Parental Care in most cases but not all. Most insects, fish, amphibians and reptiles just lay their eggs and depart leaving the young to fend for themselves. Note: Bees and other colonial insects such as ants, termites and wasps care for their larva.

Q: What are some ways that these animals are alike?

A: All animals breathe, produce waste, move, reproduce, and die

Q: What are some ways that these animals are different?

A: There are many answers to this but some possible answer are: different coverings, different body parts, different habitats, different parenting, different food preferences, different ways of moving,

Q: Which animals have feathers? Fur? Skin coverings? Scales?

A: Birds have feathers; mammals have fur; frigs ad toads have skin coverings; reptiles and birds (on legs) have scales

Q: Which animals have 4 legs? Two legs and wings? More than 4 legs? Fins?

A: mammals, amphibians, and reptiles have four legs; birds have two legs and wings; insects, spiders, etc. have more than 4 legs; fish have fins

Q: Which animals are quiet? Noisy?

A: Almost animals make noise of some sort so this answer will vary depending on whether your students go just by the video or do other research. Birds are most “noisy” in spring. Social animals are nosier than solitary species (see Honey Bees in the Hive). Forest animals are generally quieter than animals living in open areas.

Q: Which animals are colourful? Which are plain?

A: Many birds, especially males are quite colourful. Some insects are also very colourful. Many mammals tend to be monotonous. Bold black and white patterns often serve as a warning to other animals. The bold colouration of the monarch butterfly lets predators know that it is not a tasty prey species.

Q: Which animals do you think have a good sense of smell?

A: Most mammals have a good sense of smell as do many species of insects. Some fish, such as salmon also have a very good sense of smell. Most birds, reptiles and amphibians have a poor sense of smell.

Q: Which animals do you think have very good eye sight?

A: Insects see colours better than we do but cannot see as well as us. Predators see motion better than us. In the videos some of the animals shown could be rated as follows: Black bear; fair. Coyote; very good. Red-tailed hawk; excellent. Bumble bee, poor

Supplemental Discussion: (based on Grade 1 Understanding Earth and Space Systems: Daily and Seasonal Changes)

In some of these videos students can explore the seasonal changes that occur in nature. For example videos showing the seasons in the Riverwood forest can be explored and discussed. The seasonal activities of the various animals can be charted.

Additional Resources

Dave Taylor Wildlife

www.DaveTaylorWildlife.com

Dave Taylor's Youtube

<https://www.youtube.com/channel/UCZATOyhjleb9Tte9neU1CBQ>

About Dave Taylor

The videographer and creator of these resources is Dave Taylor, TRC's Education Director/Consultant. Dave is a retired Peel Teacher who for most of his 30 plus years taught science and geography to grade 7 & 8's. He was also a Science Resource Teacher and he spent two years at the Britannia School Farm when it first opened. He has written over 40 books on natural history including resource books for teachers.

He is one of Canada's best known wildlife photographers. His company, *J. D. Taylor "Senses of Wildness" Inc.* produces and holds the copyright on these productions. Schools may use them for educational purposes but no unauthorized use other than as stated above may be undertaken without the written consent of *J. D. Taylor "Senses of Wildness" Inc.* He can be reached via this website.

Created by Dave Taylor (M.Ed.)
Education Program/Director Consultant
The Riverwood Conservancy
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