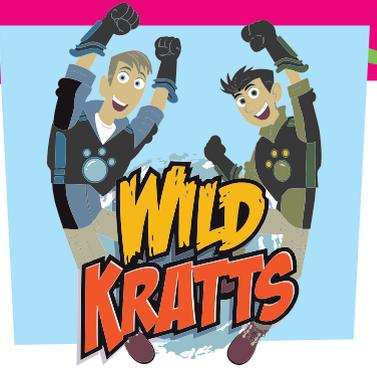


STEM ADVENTURE!

Animal Habitat



Welcome to the STEM Adventure!

We will be practicing language arts, science and math skills as we explore the outdoors. Be observers as we discover how animals use their environments to create their habitats. Discover more in the way you learn best with hands-on activities, on-air PBS KIDS programming and online resources. WITF and IUs 12, 13 and 15 wish you happy exploring!

Talk About It

How do animals use camouflage and mimicry to blend into their habitats?

Camouflage is the ability of animals to blend into their surroundings. Mimicry is when one animal acts like another. Ask questions like, “How can animals hide from humans or other animals?”, “Why might an animal want to blend into their surroundings?” and “Why might an animal pretend to be like another animal?” Often, animals mimic more dangerous or poisonous animals in order to avoid being eaten. While watching the suggested programming, pay attention to and discuss examples of mimicry and camouflage.

Key Vocabulary: Camouflage, Mimicry

Try It Out

Using paper and crayons, create an animal or creature and cut it out. Color it so that it matches a space in your home or outside.

Materials: paper, crayons, scissors

Extension: Go outside and try to observe camouflage or mimicry in action! Can you find birds that match the colors of their surroundings? What about rabbits or squirrels? Can you find any insects or bugs? Why do you think some of them are bright and don't match their surroundings?

Explore On-Air

Watch an episode of *Wild Kratts*.

Wild Kratts airs Monday - Friday on WITF TV at 7:30am and 12:30pm. You can also watch on WITFK 24/7 at 6pm and 6:30pm. The *Wild Kratts* episode you choose will help you explore animals and where they live.

Explore Online

Nature Changer

<https://tinyurl.com/yxttseqr>

Wild City Search

<https://tinyurl.com/ybzzahca>

Creature Features

<https://tinyurl.com/y8g9hk3k>

You Could Be...

You could be a Wildlife Photographer! A wildlife photographer documents wildlife in their natural habitat by taking photos.



The Engineering by Design program is built around state and national standards that engage learners in authentic problem/project-based learning activities that build their understanding of Math, Science, Technology, Engineering and English-Language Arts while making sense of the world around them.



witf.org/STEM

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Companion Site:

<http://bit.ly/PBSiu121315>

