

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!

Habitats

- **A Beach for the Birds** by Bruce McMillan
- **A Place for Fish** by Melissa Stewart
- **The Quest for the Tree Kangaroo: An Expedition to the Cloud Forest of New Guinea** by Sy Montgomery

Camouflage and Mimicry

- **The Mixed-Up Chameleon** by Eric Carle
- **How to Hide a Butterfly & Other Insects** by Ruth Heller
- **Hide-And-Seek Science: Animal Camouflage** by Emma Stevenson
- **Animals in Camouflage** by Phyllis Limbacher Tildes

Environment

- **A House for Me** by Mary Ann by Sy Montgomery

Nests

- **Bird Builds a Nest** by Martin Jenkins
- **Mama Built a Little Nest** by Jennifer Ward
- **A Nest is Noisy** by Dianna Hutts Aston

Adaptations

- **What If You Had Animal Feet?** by Sandra Markle
- **Over and Under the Snow** by Kate Messner

Underwater Habitats

- **The Big Book of the Blue** by Yuval Zommer
- **Commotion in the Ocean** by Giles Andreae
- **The Quest for the Tree Kangaroo: Over in the Ocean in a Coral Reef** by Marianne Berkes

Structure

- **The Big Book of Birds** by Yuval Zommer

Conservation

- **Bird House** by Libby Walden
- **Buster Bear and the Bird House** by Merrily Home



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>

