

STEM Skool Presents: World of Science Spring 2021

Complementary Reading List

Grades 3-5


Here are a few books that will complement our weekly lessons. These books are not required and are merely recommendations if you would like to choose a few children's books to enhance our weekly topics.

Recommended Zoology Spines:

- **National Geographic Animal Encyclopedia: 2,500 Animals with Photos, Maps, and More!**
by Lucy Spelman
- **Zoology: Inside the Secret World of Animals (Dk Smithsonian)** by DK



Week	Topic	Titles
1	Snow Leopards, Tigers and Bears - Oh My! Introducing the Animals of the Himalayas	<ul style="list-style-type: none"> • <i>Animalium</i> by Katie Scott and Jenny Broom • <i>Curiousitree Natural World: A Compendium of Wonders From Nature</i> by A.J. Ward • <i>Karl, Get Out of the Garden: Carolus Linnaeus and the Naming of Everything</i> by Anita Sanchez • <i>The Snow Leopard's New Friend</i> by Michael Buckley
2	Theories of Evolution and Natural Selection	<ul style="list-style-type: none"> • <i>Darwin and Evolution For Kids</i> by Kristan Lawson • <i>Mountains</i> by Seymour Simon • <i>Island: A Story of Galápagos</i> by Jason Chin • <i>The World's Strangest Animals</i> by Paula Hammond • <i>Who Was Charles Darwin?</i> by Deborah Hopkins

3	Jurassic Invertebrates from Northwest India	<ul style="list-style-type: none"> • <i>Ancient Invertebrates and Their Living Relatives</i> by Harold L. Levin • <i>Handbooks: Fossils: The Clearest Recognition Guide Available (DK Smithsonian Handbook)</i> by Cyril Walker and David Ward • <i>How to Eat Fried Worms</i> by Thomas Rockwell • <i>Lightning Mary</i> by Anthea Simmons • <i>Secrets of the Sky Caves: Danger and Discovery on Nepal's Mustang Cliffs</i> by Sandra K. Athans
4	Exploring the Himalayan Waterways	<ul style="list-style-type: none"> • <i>Fish Girl</i> by David Wiesner • <i>Papa's Mechanical Fish</i> by Candace Fleming • <i>Sacred River: The Ganges of India</i> by Ted Lewin • <i>Shiva</i> by Demi • <i>The Ganges, India's Sacred River</i> by Molly Alaoín
5	The Amphibians and Reptiles of Nepal	<ul style="list-style-type: none"> • <i>Fantastic Beasts and Where to Find Them</i> by JK Rowling • <i>Kami and the Yaks</i> by Andrea Stenn Steyer • <i>The Enormous Crocodile</i> by Roald Dahl • <i>Vanishing Cultures: Himalayas</i> by Jan Reynolds • <i>Where is Mount Everest?</i> by Nico Medina • <i>Who Was Steve Erwin?</i> by Dina Anastasio
6	Birding Across Bhutan	<ul style="list-style-type: none"> • <i>Bird (DK Eyewitness)</i> by David Burnie • <i>Bird is the Word</i> FACES Magazine, Oct. 2020 • <i>Bird Nests: Amazingly Ingenious and Intricate</i> by Stan Tekeila • <i>Buddha</i> by Demi • <i>Crane Boy</i> Diana Cohn • <i>I Once Was a Monkey</i> by Jeanne M. Lee • <i>Search of the Thunder Dragon</i> by Romio and Sophie Shrestha • <i>Under the Bodhi Tree</i> by Deborah Hopkinson
7	Mammals of the Great Himalayan National Park	<ul style="list-style-type: none"> • <i>Saving the Ghost of the Mountain</i> by Sy Montgomery • <i>Poppy</i> by Avi • <i>Where is Mount Everest?</i> by Nico Medina • <i>Everest</i> by Sangma Francis • <i>Great Monkey Rescue: Saving the Golden Lion Tamarins</i> by Sandra Markle
8	Bioinspired Engineering	<ul style="list-style-type: none"> • <i>Biomimicry: Inventions Inspired by Nature</i> by Dora Lee • <i>Clothing Inspired by Nature</i> by Margeaux Weston
9	Final Projects	<ul style="list-style-type: none"> • No additional reading this week.
-	Lagniappe (or “Just a little something extra!” in Louisiana-speak) 	<ul style="list-style-type: none"> • <i>Favorite Children's Stories From China & Tibet</i> by Lotta Carswell Hume and Koon-Chiu Lo • <i>The Little Lama of Tibet</i> by Lois Raimondo • <i>Tibet Through the Red Box</i> by Peter Sis • <i>Tibetan Tales for Little Buddhas</i> by Naomi C. Rose