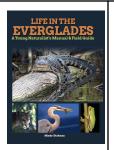
#### **Science Picture Books & Lessons**



In grades K-2, Life in the Everglades: A Young Naturalist's Manual and Field Guide is best used as a read aloud to promote scientific knowledge, vocabulary, and student interest by reading about living things found where they live.

In grades 3-5, it can also be used for independent reading, research, and most importantly, engagement before, during and after their lessons. More great books are listed below.

**Exploring Scientific Observations** 



#### **Daypack Decodables by Mossflower**

A decodable series of books designed to support young readers as they progress through the stages of phonics development, including 120 individual books and FREE lesson plans.

### Kindergarten

			1
up to		Link to summary and	Activities and Magic School AI
190L		vocabulary words	lesson plans
	The Recoon The fair We Comp Spring  North Indian Parkets States The Parkets States The Date	https://www.missrhondasreaders.com/	
AD200L	AD200L About Insects	https://hub.lexile.com/find-a-bo ok/details/9781682632116/	After reading, take a walk outside to observe insects in nature and have students record their findings in a science journal.
AD430L	Cittle kids first leard book SEED, SPROUG. GROW!	https://hub.lexile.com/find-a-book/book-details/9781426373534  Watch a Seed Sprout!   Sq	■ Grade K: From Seed to Spro

AD450L	UTILE KIDS BOARD BOOK	https://hub.lexile.com/find-a-book/book-details/9781426334689  National Geographic Kids:	Define new terms and use this book as an introduction to learning about different habitats in Florida. Have students answer the book's question, "Where would you explore in the ocean?".
AD420L	Animals On the Go	https://hub.lexile.com/find-a-book/book-details/9781426333125	
AD440L	LOOK LEARN Creatures	https://hub.lexile.com/find-a-book/book-details/9780545899604	
AD370L	AD370L Wild Animal Sounds BOOKE	https://hub.lexile.com/find-a-bo ok/details/9781426334665	Playful book listing animal sounds and why they make sounds.
	BIG RED BARN Margaret Was Brown  pictures by Felica Bond	Read Aloud: Big Red Barn  https://hub.lexile.com/find-a-bo ok/book-details/9780060207502	Also read aloud Life in the Everglades: A Naturalist's Manual and Field Guide and use a Venn diagram to compare farm animals to animals living in the wild.
359L	About Birds	https://hub.lexile.com/find-a-bo ok/book-details/9780439324779	■ Grade K: Exploring Birds an
AD210L	Inch by Inch	https://hub.lexile.com/find-a-bo ok/book-details/9780688132835	Next Generation Science Standards: Engineering, Technology, and Applications of Science

	Summer (Laboration of the Low - illustrated by Roy McKin	Summer - Read Aloud   Al	Ideas:      How to make hot things cold     Measuring temperature     How different plants and animals change every season     Habitats
AD520L	What's Alive?	https://hub.lexile.com/find-a-book/book-details/9780064451321	☐ Grade K: Exploring Living Th

# **First Grade**

190L -	Title	Links to available summaries	Activities and Magic School Al
<b>530L</b> AD480L	Science?  Science?  Likewa Al United  Manual Science Al Andread  Manual Science Al Andread  Manual Science Al Andread	and vocabulary words  https://hub.lexile.com/find-a-bo ok/book-details/9780547008752	Iesson plans  A must-read book for every year of K-2. Scientists ask how, where, when, and why  Grade 1: Exploring Science
	tittle kids first bend bend		☐ Grade 1: Fantastic Frogs: Ex
	Birds UTTE ROS FIRST BOARD BOARD		■ Grade 1: Exploring Bird Beh
AD420L	A Tree Is a PLANT	A Tree Is a Plant - Find A Book Lexile & Quantile Hub	☐ Grade 1: Exploring Patterns
AD470L	How a Sped Grows	https://hub.lexile.com/find-a-bo ok/book-details/9780064451079	

480L	Total Read P T Want to Be an Engineer Harmonican Grant	Find a Book - LEXILE & QUANTILE HUB	To be used with the <i>I Want to Be</i> an Scientist book to show connections between the nature of science and engineering.
	I Want to Be a Scientist  Vitas Portal Cantifornia		

## **Second Grade**

420L -	Title	Link to summary and vocabulary	Activities and Magic School AI
650L		words	lesson plans
AD479L	All About Nature Animals Insects, Plants, and Morel  Animals Insects, Plants, Plants, Animals Insects, Plants, Plants, Plants, Plants, Plants, Pla	https://hub.lexile.com/find-a-book/book-details/9798886508697	A must-have book that overviews the Earth's rotation around the sun, weather, seasons, water, the ground's composition, plant parts, and what animals need.
AD500L	HOW TO BE A Nature Detective	https://hub.lexile.com/find-a-book/book-details/9780064451345	Grade 2: Exploring Nature'  Big Tracks, Little Tracks  same book
AD460L	Whose Poop Is THAT?  ** ** ** ** ** ** ** ** ** ** ** ** *	https://hub.lexile.com/find-a-book/book-details/9781570917981	Like a naturalist, asks and answers the question about seven examples of animal poop. The last two pages have more fun and informative facts about poop.
560L	FROM SEED TO PLANT BY GAIL GIBBONS	https://hub.lexile.com/find-a-book/book-details/9780823410255	Trees, parts of a flower, how seeds form, processes of pollination. Activity: How to Raise Bean Plants. Last page, seeds and plants fun facts.
550L	From Seed to PUMPKIN Grandle Incommendation of the Commendation of	https://hub.lexile.com/find-a-book/book-details/9780064451901	

550L	2 Do Apples Group	https://hub.lexile.com/find-a-book/book-details/9780064451178	☐ Grade 2: Exploring How Ap
			Includes a labeled flower diagram showing reproductive parts.
470L	Caterpillar to Butterfly	https://hub.lexile.com/find-a-book/book-details/9780545644679	Detailed photos of a monarch butterfly's life stages.
	Lenked		In Book Activity: Bring Butterflies to You
AD490L	From Caterpillar to BUTTERFLY	https://hub.lexile.com/find-a-book/book-details/9780064451291	
AD520L	From Tadpole to FROG	https://hub.lexile.com/find-a-book/book-details/9780064451239	■ 1st grade From Frog to Sup
K -2	animal babies in ponds and rivers	■ Ms. Julie reads "Animal Ba	A sweet book looking at hippo, otter, duck, capybara, swan, manatee, and tree frog mothers and babies. Show a map of where capybaras live and give more examples of plants and animals not found in North America.
	Home at Last  — A tog of suprint  After Exercise	■ #NHMLA Story Time   "Ho	Lyrical writing about nine long-distance migrating animals and a fun fact sheet about each at the end.
	GORG THE RABBITS SOOT ALTERNATION OF		Rich vocabulary like territory, predator, & breaching; <b>End of Book Activity:</b> Be a Citizen Scientist: Make Observations

AD480L	Animals in TWINTERS by Indian hand a tilder of the City of Author Mark their	https://hub.lexile.com/find-a-book/book-details/9780064451659  SPRING for KIDS!   Animals (I'm still looking for a good summer video)  ANIMALS IN FALL   MAKE L	Grade 2: Investigating Seasonal Changes in Plants and Animals  Spend time every season having students make seasonal observations of young plants and animals.
AD640L	Where Do CHICKS COME From  Page 1 family 1 family 10 family	https://hub.lexile.com/find-a-book/book-details/9780060288921	Compare a baby chick's development to that of a native bird using the book, <i>Life in the Everglades</i> by Mindy Dickman.
660L	WISH FOR A FISH FOR A	https://hub.lexile.com/find-a-book/book-details/9780375811005	■ Grade 2 Exploring Sea Crea
	Hand and Pauv MANNESTALE OF COMPASSION  By DEBRICK DOWNEY JR.		Find this amazing book on Amazon and teach students how to have compassion for living things!
510L	What Do tou Do His	https://hub.lexile.com/find-a-book/book-details/9780618256280	A fun guessing book about the many amazing things animals can do with their eyes, ears, mouth, noses, feet, and tails. Four fun fact pages in the back categorizing various species by body part.
	TREE TRUNK  Output  TREE  TRUNK  Output  Outpu	□ I LIVE in a TREE Trunk 🌳 r	Rich vocabulary - bog, mound, burrow, hedgerow, drey, coral reef, bay, web, stable, nest, hive, bramble, bower, desert, ranch, iceberg, branch, riverbed, bank, chimney, tank, pigsty, pen dam, den, coop, lodge.

AD550L	FAIRY SCIENCE SOLID LIQUID GASSY	https://hub.lexile.com/find-a-book/book-details/9780525581444	This book teaches the physical science topic of states of matter - solids, liquids, and gases, complete with a wonderful experiment and explanations at the end!
AD480L	ANN TOMPRET Charted by LYNN MUNSINGER  Just a Little Bit	https://hub.lexile.com/find-a-book/book-details/9780395778760	Next Generation Science Standards: Engineering, Technology, and Applications of Science
AD470L	Who Sank the Boat?	https://hub.lexile.com/find-a-book/book-details/9780698113732	Next Generation Science Standards: Engineering, Technology, and Applications of Science
AD600L	Those Darn Admits Admits Admits David Salvery	https://hub.lexile.com/find-a-book/book-details/9780547007038	Next Generation Science Standards: Engineering, Technology, and Applications of Science

## **Third Grade**

520L - 820L	Title	Link to available summaries and vocabulary words	Activities and Magic School Al lesson plans
AD540L	FAIRY SCIENCE	https://hub.lexile.com/find-a-book/book-details/9780525581390	A study of the scientific method with two experiments, one in the book, and one below.  Grade 3: Exploring How the
AD630L	THE WATCHER  = data Goodal's Life and Ata Change or  The Control of the Change or	https://hub.lexile.com/find-a-book/book-details/9780375867743	Biography of the renowned naturalist, researcher, and activist, Jane Goodall.

AD590L	MONARCH BUTTERFLY  BYGALGIBBONS	https://hub.lexile.com/find-a-book/book-details/9780823409099	
AD600L	FROGS  BY GAIL GIBBONS	https://hub.lexile.com/find-a-book/book-details/9780823411344	
	SPIDERS STATE OF THE PROPERTY	https://www.youtube.com/watch ?v=T9VdPL0TWZM	Detailed comparison of a spider's body parts and an insect's body parts; compares species
Grades 3 - 5	SHARKS CAIL GIBBONS	■ Shark by Gail Gibbons ( my	Extension Activity: Use Life in the Everglades to research sharks found around South Florida.
Grades 3 - 5	SNAK S. GAIL GIBBONS	https://www.youtube.com/watch ?v=9NPOaeEQK1g	
	MIGRATION Gail Gibbons	■ Migration by Gail Gibbons	Migration route maps of different species; fun facts.
AD730L	GAIL GIBONS	https://hub.lexile.com/find-a-book/book-details/9780545702614	Detailed explanation of: water cycle, types of rain clouds, maps of average rainfall around the world, weather events and safety.
600L	SEA TURTLES  BY CAIL CIBBONS	https://hub.lexile.com/find-a-book/book-details/9780823413737	Differences between a sea turtle and a turtle; species highlights; fun facts

AD630L	A Nest Full of Eggs	https://hub.lexile.com/find-a-book/book-details/9780064451277	
710L	OWER GAIL GIBBONS	https://hub.lexile.com/find-a-book/book-details/9780823437870	Parts of a flower and various flower species and habitats.  Activity: How to Grow a Flower Garden during different seasons.
	660L Safe Home for MANATEES	https://hub.lexile.com/find-a-book/details/9780064451642	Figure 3: Understanding Ha  This book even has information on how to join the Save the Manatee® Club.
770L	THE HONEY MAKERS	https://hub.lexile.com/find-a-book/book-details/9780688113865	Parts of a bee, hive, and honeycomb; details of a beekeeper's yearbook; fun facts.
AD730L	The Magic School Sus: Halls Wit Fry Ltd. John Promision Committee	https://hub.lexile.com/find-a-book/book-details/9780590414272	Exploring the Human Body:  About a week to read well with extended student-led practices like obtaining, evaluating, and communicating information.
AD610L	TRANSPORTER TO THE PROPERTY OF	https://hub.lexile.com/find-a-book/book-details/9780590257213	Playful adventure exploring all things bees! A longer book that will probably take a few days to complete as a read aloud.
AD760L	BRE	https://hub.lexile.com/find-a-book/book-details/9781524715267	Lyrical with rich vocabulary.  BEE TREE

AD600L	SPRING	https://hub.lexile.com/find-a-book/book-details/9781914087486	Exploring Animal Adaptatio
	Manual Cores Transaction from National		Fun facts about Spring and a great way to inspire students' to research one part more closely.
AD570L	SUMMER  SUMMER   Detail Coffe  Bankled States Agency State	https://hub.lexile.com/find-a-book/book-details/9781914087493	Fun facts about Summer and a great way to inspire students' to research one part more closely.
AD640L	HOURNEY THROUGH THE STASONS AND ADMINISTRATION OF THE STASONS AND ADMINIST	https://hub.lexile.com/find-a-book/book-details/9781914087509	Fun facts about Fall and a great way to inspire students' to research one part more closely.
AD610L	JOURNEY THROUGH THE SERSONS WINTER	https://hub.lexile.com/find-a-book/book-details/9781914087516	Fun facts about Winter and a great way to inspire students' to research one part more closely.
730L	SHARK LADY  Control of the terretain in the state of the	https://hub.lexile.com/find-a-book/book-details/9781492642046	■ Grade 3: Understanding Sci
660L	Randy Rileg's Really Big Hit CHRIS VAN DUSEN	https://hub.lexile.com/find-a-book/book-details/9780545552608	■ Rand Riley Makes a Really B

AD740L	Seve Breen	https://hub.lexile.com/find-a-book/book-details/9780803731257	Next Generation Science Standards: Engineering, Technology, and Applications of Science
AD720L	VI Built A	https://hub.lexile.com/find-a-book/book-details/9780142408254	Next Generation Science Standards: Engineering, Technology, and Applications of Science See also, "If I Built a School"
AD570L	HOW A HOUSE IS BUILT BY GAIL GIBBONS	https://hub.lexile.com/find-a-book/book-details/9780823412327	Next Generation Science Standards: Engineering, Technology, and Applications of Science
AD630L	ROBERTO The Insect Architect Nina Leden	https://hub.lexile.com/find-a-book/book-details/9780811824651	Next Generation Science Standards: Engineering, Technology, and Applications of Science
Grades 2-5	Rate and Animal Homes		A fun lift-the-flap reference book.

## **Fourth Grade**

740L - 940L	Title	Link to summary and vocabulary words	Activities and Magic School Al lesson plans
870L	Soaring with the Wind  THE BAID EAGLE GAILGIBBONS	https://hub.lexile.com/find-a-book/book-details/9780688137311	Exploring the Structures an  Detailed explanation of: parts of a bird, its feathers, courtship and mating, caring for young, and conservation; fun facts.
NC860L	Ma'gic School Bus Thoutample of	https://hub.lexile.com/find-a-book/book-details/9780545683647	

NC840L	Magic School Bus Insects	https://hub.lexile.com/find-a-book/book-details/9780545685870	
AD750L	MARJORY Saves the Evenglades	https://hub.lexile.com/find-a-book/book-details/9781534431553	Write a letter to the governor asking him/her to protect wild Florida in honor of Marjorie Stoneman Douglas' legacy!
930L	Making Model How Life Biggier	https://hub.lexile.com/find-a-book/book-details/9781324015840	Complex explanations of how different species reproduce; advanced vocabulary like gametes, DNA, and reproductive cells; intricate drawings
IG830L	HOW TO BE AN Engineer  DISCOVER  DISCOVER	https://hub.lexile.com/find-a-book/book-details/9781465470270	Reference book to help define what is an engineer.
	Down to the Sea with Mr. Magee		

### Fifth Grade

830L -	Title	Link to available summaries and	Activities and Magic School AI
1010L		vocabulary words	lesson plans
	THE SEA, THE STORM, AND THE MANGROVE TANGLE OF LYNNE CHERKY		■ The Sea, The Storm, and t
860L	THE LEAR DETECTIVE  WITH MARKAGET I CHOWN IN THE MANOPURT I CHOWN IN THE MANOP	https://hub.lexile.com/find-a-book/book-details/9781684371778	■ Understanding Matter Cy  The grass is greener with
IG870L	Eorth's Incedible OCEANS	https://hub.lexile.com/find-a-book/book-details/9780744026672	Engaging reference book great for mini read alouds and independent reading.
	Trees		Magic and Mystery of Trees  This video flips through the pages of this extensive reference book about the world's trees.
NC1170L	NC1170L  LIFE in the OCEAN  The hand Street Least	https://hub.lexile.com/find-a-book/details/9780374380687	Beautiful drawings with a beautiful story about the life of the famous oceanographer, Sylvia Earle. Have students do a research project on a biologist of their choice and present it to the class.
NC1060L	How Many Ways Can You Catch Fly?	https://hub.lexile.com/find-a-book/book-details/9780618966349	The most fun and interesting nature book I've ever read, kids will love it!

AD930L	New Rew The Appless Mass of Removals de Vind  Gris Bassers	https://hub.lexile.com/find-a-book/book-details/9780805087031	Grade 5 Designing Solutio  Next Generation Science Standards: Engineering, Technology, and Applications of Science
AD830L	SNOWFLAKE BENTLEY  State of the	https://hub.lexile.com/find-a-book/book-details/9780395861622	Grade 5 Exploring System  Next Generation Science Standards: Engineering, Technology, and Applications of Science
1060L	Animal Survivors of the Wetlands	https://hub.lexile.com/find-a-book/book-details/9780531122037	Chapter titles: The Wetlands; Keystone Species: Alligators; Brown Pelicans; Whooping Cranes Rebound; Hope for the Future: Manatees; The Cranes of Kushiro. Text features include a table of contents, glossary, and index.
1140L	How Animals Communicate  by Brity Fritain	https://hub.lexile.com/find-a-book/book-details/9780531121672	Chapter titles: Messages that Can Be Seen; Voice and Other Sounds; Smell and Other Chemical Signals; Touch Tells a Story; Animals That Miscommunicate. Text features include a table of contents, glossary, and index.

# 6-12 Grade

Title	Activities and Magic School AI lesson plans
A Naturalist in Florida by Archie Carr	
Birds of Florida by Pranty, Radamaker, and	
Kennedy	
Blue Hope: Exploring and Caring for	
Earth's Magnificent Ocean by Sylvia A.	
Earle	
Florida Wildlife Corridor Expedition by	
Carlton Ward Jr., etc.	
Florida's Fabulous Insects by Mark Derup	
The Southern Swamp Explorer by Irene	
Brady	