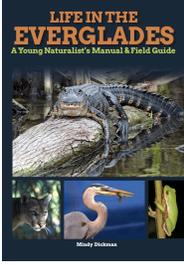
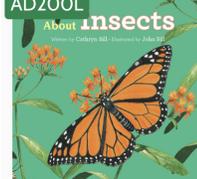
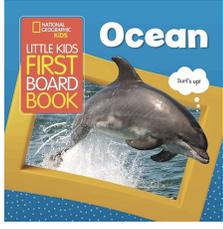
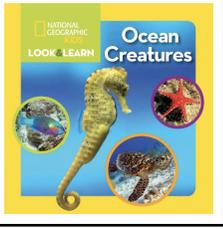
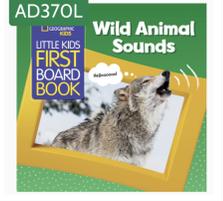
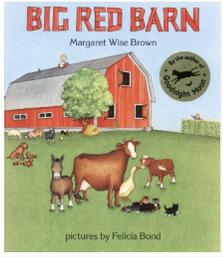
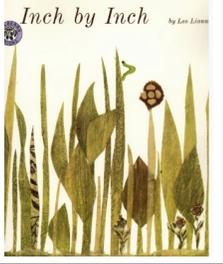


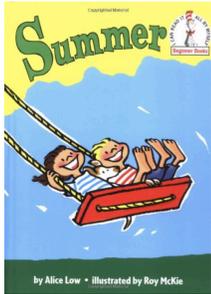
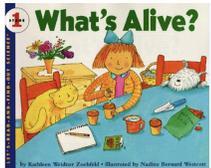
Science Picture Books & Lessons

| | |
|---|---|
|  | <p>In grades K-2, <i>Life in the Everglades: A Young Naturalist's Manual and Field Guide</i> is best used as a read aloud to promote scientific knowledge, vocabulary, and student interest by reading about living things found where they live.</p> <p>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.</p> <p>Exploring Scientific Observations</p> |
|  | <p>Daypack Decodables by Mossflower</p> <p>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.</p> |

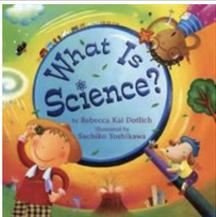
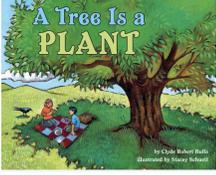
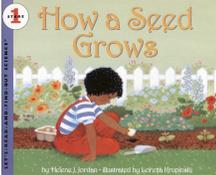
Kindergarten

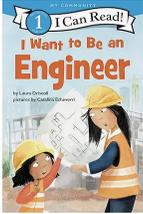
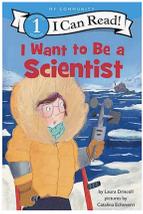
| up to 190L | | Link to summary and vocabulary words | Activities and Magic School AI lesson plans |
|------------|---|--|--|
| |  | <p>https://www.missrhondasreader.com/</p> | |
| AD200L |  | <p>https://hub.lexile.com/find-a-book/details/9781682632116/</p> | <p>After reading, take a walk outside to observe insects in nature and have students record their findings in a science journal.</p> |
| AD430L |  | <p>https://hub.lexile.com/find-a-book/book-details/9781426373534</p> <p>Watch a Seed Sprout! Sq...</p> | <p>Grade K: From Seed to Sprout...</p> |

| | | | |
|--------|---|---|---|
| AD450L |  | 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 |  | https://hub.lexile.com/find-a-book/book-details/9781426333125 | |
| AD440L |  | https://hub.lexile.com/find-a-book/book-details/9780545899604 | |
| AD370L |  | https://hub.lexile.com/find-a-book/details/9781426334665 | Playful book listing animal sounds and why they make sounds. |
| |  |  Read Aloud: Big Red Barn ... https://hub.lexile.com/find-a-book/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 |  | https://hub.lexile.com/find-a-book/book-details/9780439324779 |  Grade K: Exploring Birds an... |
| AD210L |  | https://hub.lexile.com/find-a-book/book-details/9780688132835 | Next Generation Science Standards: Engineering, Technology, and Applications of Science |

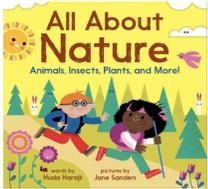
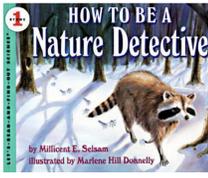
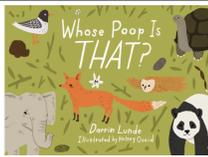
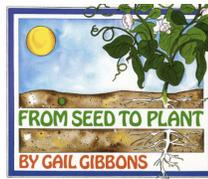
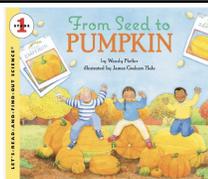
| | | | |
|--------|---|---|---|
| |  |  Summer - Read Aloud Al... | Ideas: <ul style="list-style-type: none"> • How to make hot things cold • Measuring temperature • How different plants and animals change every season • Habitats |
| AD520L |  | https://hub.lexile.com/find-a-book/book-details/9780064451321 |  Grade K: Exploring Living Th... |

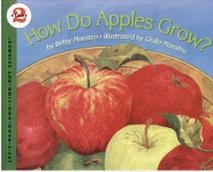
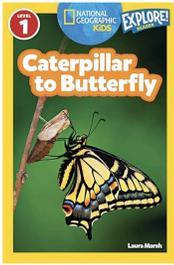
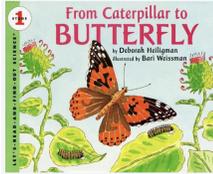
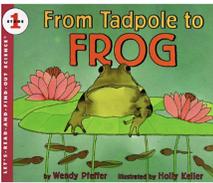
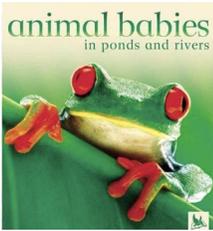
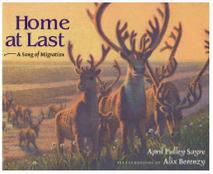
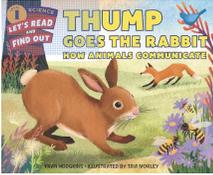
First Grade

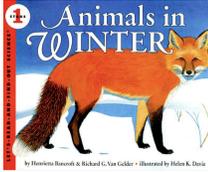
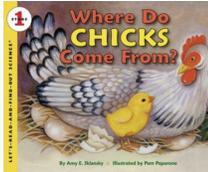
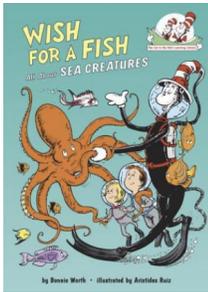
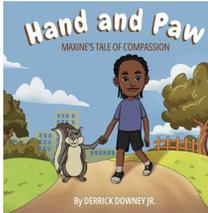
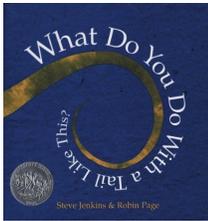
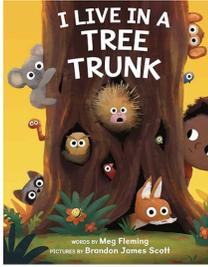
| 190L - 530L | Title | Links to available summaries and vocabulary words | Activities and Magic School AI lesson plans |
|-------------|---|---|---|
| AD480L |  | https://hub.lexile.com/find-a-book/book-details/9780547008752 | A must-read book for every year of K-2. Scientists ask how, where, when, and why...  Grade 1: Exploring Science ... |
| |  | |  Grade 1: Fantastic Frogs: Ex... |
| |  | |  Grade 1: Exploring Bird Beh... |
| AD420L |  | A Tree Is a Plant - Find A Book Lexile & Quantile Hub |  Grade 1: Exploring Patterns... |
| AD470L |  | https://hub.lexile.com/find-a-book/book-details/9780064451079 | |

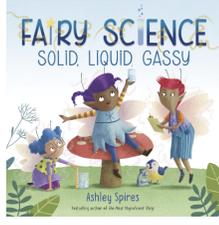
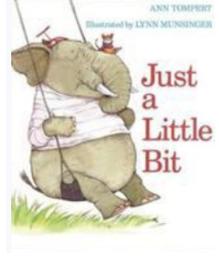
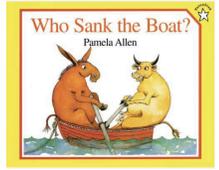
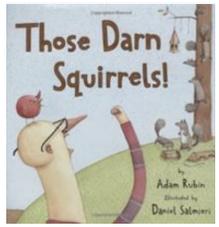
| | | | |
|------|---|---|--|
| 480L |  | Find a Book - LEXILE & QUANTILE HUB | To be used with the <i>I Want to Be an Scientist</i> book to show connections between the nature of science and engineering. |
| |  | | |

Second Grade

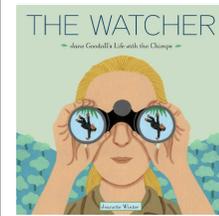
| 420L - 650L | Title | Link to summary and vocabulary words | Activities and Magic School AI lesson plans |
|-------------|---|---|--|
| AD479L |  | https://hub.lexile.com/find-a-book/book-details/9798886508697 | A must-have book that overviews the Earth's rotation around the sun, weather, seasons, water, the ground's composition, plant parts, and what animals need. |
| AD500L |  | https://hub.lexile.com/find-a-book/book-details/9780064451345 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">☰</div> <div>Grade 2: Exploring Nature'...</div> </div>  <div style="margin-left: 10px;">same book</div> |
| AD460L |  | 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 |  | 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 |  | https://hub.lexile.com/find-a-book/book-details/9780064451901 | |

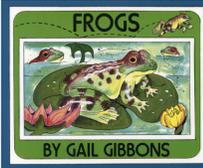
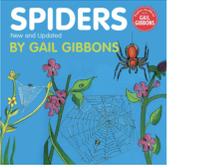
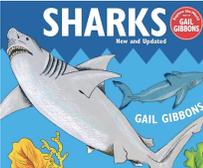
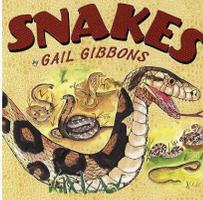
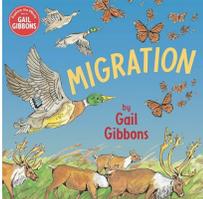
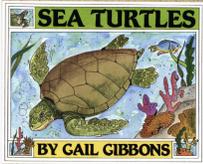
| | | | |
|--------|---|---|---|
| 550L |  | https://hub.lexile.com/find-a-book/book-details/9780064451178 | <p>Grade 2: Exploring How Ap...</p> <p>Includes a labeled flower diagram showing reproductive parts.</p> |
| 470L |  | https://hub.lexile.com/find-a-book/book-details/9780545644679 | <p>Detailed photos of a monarch butterfly's life stages.</p> <p>In Book Activity: Bring Butterflies to You</p> |
| AD490L |  | https://hub.lexile.com/find-a-book/book-details/9780064451291 | |
| AD520L |  | https://hub.lexile.com/find-a-book/book-details/9780064451239 | <p>Grade 1: From Frog to Sup...</p> |
| K -2 |  | <p>Ms. Julie reads "Animal Ba..."</p> | <p>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.</p> |
| |  | <p>#NHMLA Story Time "Ho..."</p> | <p>Lyrical writing about nine long-distance migrating animals and a fun fact sheet about each at the end.</p> |
| |  | | <p>Rich vocabulary like territory, predator, & breaching; End of Book Activity: Be a Citizen Scientist: Make Observations</p> |

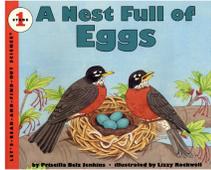
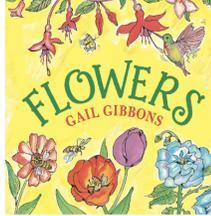
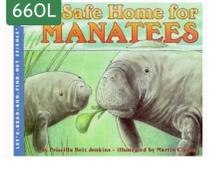
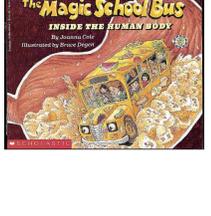
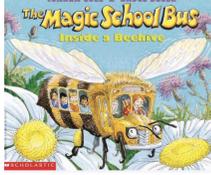
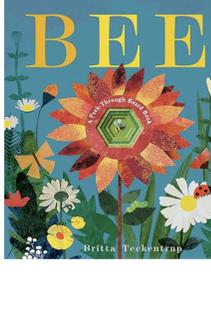
| | | | |
|---------------|--|--|--|
| <p>AD480L</p> |  <p>Animals in WINTER</p> | <p>https://hub.lexile.com/find-a-book/book-details/9780064451659</p> <p>▶ SPRING for KIDS! Animals... (I'm still looking for a good summer video)</p> <p>▶ ANIMALS IN FALL MAKE L...</p> | <p>Grade 2: Investigating Seasonal Changes in Plants and Animals</p> <p>Spend time every season having students make seasonal observations of young plants and animals.</p> |
| <p>AD640L</p> |  <p>Where Do CHICKS Come From?</p> | <p>https://hub.lexile.com/find-a-book/book-details/9780060288921</p> | <p>Compare a baby chick's development to that of a native bird using the book, Life in the Everglades by Mindy Dickman.</p> |
| <p>660L</p> |  <p>WISH FOR A FISH</p> | <p>https://hub.lexile.com/find-a-book/book-details/9780375811005</p> | <p>☰ Grade 2 Exploring Sea Crea...</p> |
| |  <p>Hand and Paw</p> | | <p>Find this amazing book on Amazon and teach students how to have compassion for living things!</p> |
| <p>510L</p> |  <p>What Do You Do With a Tail Like This?</p> | <p>https://hub.lexile.com/find-a-book/book-details/9780618256280</p> | <p>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.</p> |
| |  <p>I LIVE IN A TREE TRUNK</p> | <p>▶ I LIVE in a TREE Trunk 🌳 r...</p> | <p>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.</p> |

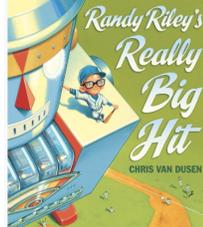
| | | | |
|--------|--|---|--|
| AD550L |  | https://hub.lexile.com/find-a-book/book-details/9780525581444 | This book teaches the physical science topic of states of matter - solids, liquids, and gases, complete with a wonderful experiment and explanations at the end! |
| AD480L |  | https://hub.lexile.com/find-a-book/book-details/9780395778760 | Next Generation Science Standards: Engineering, Technology, and Applications of Science |
| AD470L |  | https://hub.lexile.com/find-a-book/book-details/9780698113732 | Next Generation Science Standards: Engineering, Technology, and Applications of Science |
| AD600L |  | https://hub.lexile.com/find-a-book/book-details/9780547007038 | Next Generation Science Standards: Engineering, Technology, and Applications of Science |

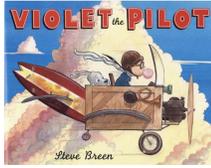
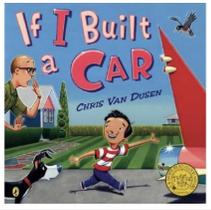
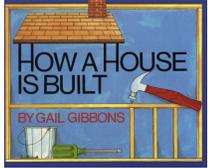
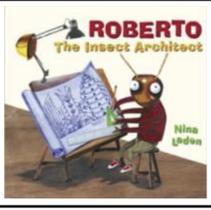
Third Grade

| 520L - 820L | Title | Link to available summaries and vocabulary words | Activities and Magic School AI lesson plans |
|-------------|---|---|--|
| AD540L |  | 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 |  | https://hub.lexile.com/find-a-book/book-details/9780375867743 | Biography of the renowned naturalist, researcher, and activist, Jane Goodall. |

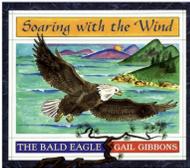
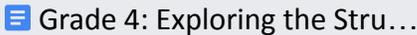
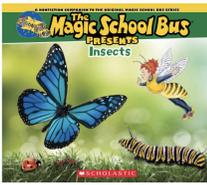
| | | | |
|--------------|---|---|---|
| AD590L |  | https://hub.lexile.com/find-a-book/book-details/9780823409099 | |
| AD600L |  | https://hub.lexile.com/find-a-book/book-details/9780823411344 | |
| |  | https://www.youtube.com/watch?v=T9VdPLOTWZM | Detailed comparison of a spider's body parts and an insect's body parts; compares species |
| Grades 3 - 5 |  | ▶ Shark by Gail Gibbons (my... | Extension Activity: Use Life in the Everglades to research sharks found around South Florida. |
| Grades 3 - 5 |  | https://www.youtube.com/watch?v=9NPOaeEQK1g | |
| |  | ▶ Migration by Gail Gibbons ... | Migration route maps of different species; fun facts. |
| AD730L |  | 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 |  | https://hub.lexile.com/find-a-book/book-details/9780823413737 | Differences between a sea turtle and a turtle; species highlights; fun facts |

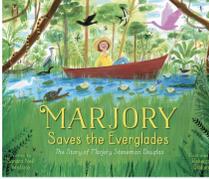
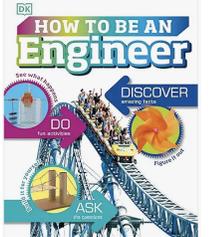
| | | | |
|--------|---|---|---|
| AD630L |  | https://hub.lexile.com/find-a-book/book-details/9780064451277 | |
| 710L |  | https://hub.lexile.com/find-a-book/book-details/9780823437870 | Parts of a flower and various flower species and habitats. Activity: How to Grow a Flower Garden during different seasons. |
| |  | https://hub.lexile.com/find-a-book/details/9780064451642 | <div style="background-color: #e0e0e0; padding: 2px;">☰ Grade 3: Understanding Ha...</div> <p>This book even has information on how to join the Save the Manatee® Club.</p> |
| 770L |  | 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 |  | https://hub.lexile.com/find-a-book/book-details/9780590414272 | <div style="background-color: #e0e0e0; padding: 2px;">☰ Exploring the Human Body:...</div> <p>About a week to read well with extended student-led practices like obtaining, evaluating, and communicating information.</p> |
| AD610L |  | 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 |  | https://hub.lexile.com/find-a-book/book-details/9781524715267 | Lyrical with rich vocabulary. <div style="display: flex; justify-content: space-around; margin-top: 10px;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;">   </div> |

| | | | |
|--------|---|---|--|
| AD600L |  | https://hub.lexile.com/find-a-book/book-details/9781914087486 | <p>Grade 3: Exploring Animal ...</p> <p>Fun facts about Spring and a great way to inspire students' to research one part more closely.</p> |
| AD570L |  | https://hub.lexile.com/find-a-book/book-details/9781914087493 | <p>Fun facts about Summer and a great way to inspire students' to research one part more closely.</p> |
| AD640L |  | https://hub.lexile.com/find-a-book/book-details/9781914087509 | <p>Fun facts about Fall and a great way to inspire students' to research one part more closely.</p> |
| AD610L |  | https://hub.lexile.com/find-a-book/book-details/9781914087516 | <p>Fun facts about Winter and a great way to inspire students' to research one part more closely.</p> |
| 730L |  | https://hub.lexile.com/find-a-book/book-details/9781492642046 | <p>Grade 3: Understanding Sci...</p> |
| 660L |  | https://hub.lexile.com/find-a-book/book-details/9780545552608 | <p>Rand Riley Makes a Really B...</p> |

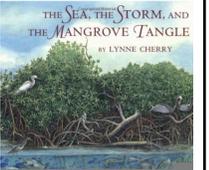
| | | | |
|------------|--|---|--|
| AD740L |  | https://hub.lexile.com/find-a-book/book-details/9780803731257 | Next Generation Science Standards: Engineering, Technology, and Applications of Science |
| AD720L |  | https://hub.lexile.com/find-a-book/book-details/9780142408254 | Next Generation Science Standards: Engineering, Technology, and Applications of Science See also, "If I Built a School" |
| AD570L |  | https://hub.lexile.com/find-a-book/book-details/9780823412327 | Next Generation Science Standards: Engineering, Technology, and Applications of Science |
| AD630L |  | https://hub.lexile.com/find-a-book/book-details/9780811824651 | Next Generation Science Standards: Engineering, Technology, and Applications of Science |
| Grades 2-5 |  | | A fun lift-the-flap reference book. |

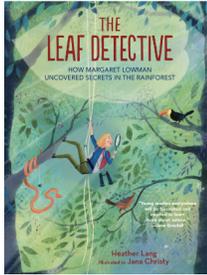
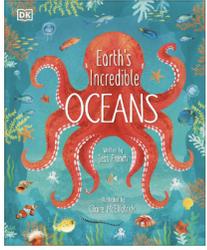
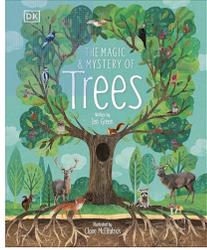
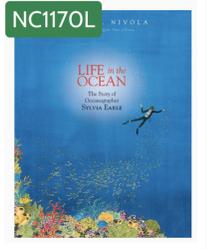
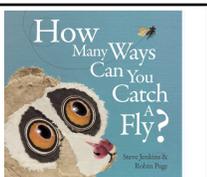
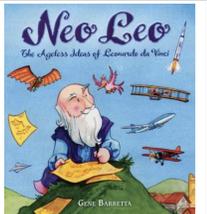
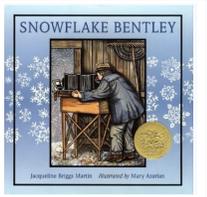
Fourth Grade

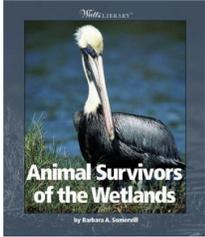
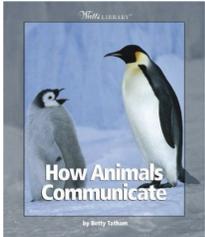
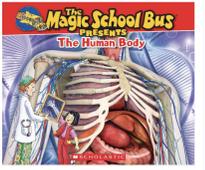
| 740L - 940L | Title | Link to summary and vocabulary words | Activities and Magic School AI lesson plans |
|-------------|---|---|---|
| 870L |  | https://hub.lexile.com/find-a-book/book-details/9780688137311 |  Detailed explanation of: parts of a bird, its feathers, courtship and mating, caring for young, and conservation; fun facts. |
| NC840L |  | https://hub.lexile.com/find-a-book/book-details/9780545685870 | |

| | | | |
|--------|---|---|---|
| AD750L |  | https://hub.lexile.com/find-a-book/book-details/9781534431553 | <p>Write a letter to the governor asking him/her to protect wild Florida in honor of Marjorie Stoneman Douglas' legacy!</p> |
| 930L |  | https://hub.lexile.com/find-a-book/book-details/9781324015840 | <p>Complex explanations of how different species reproduce; advanced vocabulary like gametes, DNA, and reproductive cells; intricate drawings</p> |
| IG830L |  | https://hub.lexile.com/find-a-book/book-details/9781465470270 | <p>Reference book to help define what is an engineer.</p> |

Fifth Grade

| 830L - 1010L | Title | Link to available summaries and vocabulary words | Activities and Magic School AI lesson plans |
|--------------|---|--|---|
| |  | | <p> The Sea, The Storm, and t...</p> |

| | | | |
|---------|---|---|---|
| 860L |  | https://hub.lexile.com/find-a-book/book-details/9781684371778 | <ul style="list-style-type: none">  Grade 5: Understanding ...  The grass is greener with ... |
| IG870L |  | https://hub.lexile.com/find-a-book/book-details/9780744026672 | <p>Engaging reference book great for mini read alouds and independent reading.</p> |
| |  | | <ul style="list-style-type: none">  Magic and Mystery of Trees <p>This video flips through the pages of this extensive reference book about the world's trees.</p> |
| NC1170L |  | https://hub.lexile.com/find-a-book/details/9780374380687 | <p>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.</p> |
| NC1060L |  | https://hub.lexile.com/find-a-book/book-details/9780618966349 | <p>The most fun and interesting nature book I've ever read, kids will love it!</p> |
| AD930L |  | https://hub.lexile.com/find-a-book/book-details/9780805087031 | <ul style="list-style-type: none">  Grade 5 Designing Solutio... <p>Next Generation Science Standards: Engineering, Technology, and Applications of Science</p> |
| AD830L |  | https://hub.lexile.com/find-a-book/book-details/9780395861622 | <ul style="list-style-type: none">  Grade 5 Exploring System... <p>Next Generation Science Standards: Engineering, Technology, and Applications of Science</p> |

| | | | |
|--------|---|---|--|
| 1060L |  | 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 |  | 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. |
| NC860L |  | https://hub.lexile.com/find-a-book/book-details/9780545683647 | |

6-12 Grade

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