

Title	Author	Grade Level	Book Details from various editorial reviews
Science			
A Drop of Water	Walter Wick	Elementary School	The most spectacular photographs ever created on the subject of water appear in this unique science book by Walter Wick. The camera stops the action and magnifies it so that all the amazing states of water can be observed - water as ice, rainbow, stream, frost, dew. Readers can examine a drop of water as it falls from a faucet, see a drop of water as it splashes on a hard surface, count the points of an actual snowflake, and contemplate how drops of water form clouds.
A is for Airplane: An Aviation Alphabet	Mary Ann McCabe Riehle	Elementary School	A is for Airplane: An Aviation Alphabet celebrates the roots, inventions, and spirit of the science of flight. Young readers will learn about famous events such as the Spirit of St. Louis's nonstop flight across the Atlantic Ocean and the launch of Columbia STS-1 (the first space shuttle), as well as meet courageous aviators who broke barriers in the air and on Earth like the Tuskegee Airmen and Amelia Earhart.
Oil Spill! (Let's-Read-and-Find-Out Science 2)	Melvin Berger	Elementary School	Did you know that an oil spill occurs somewhere in the world almost every day of the year? Berger and Mirocha focus on one of the worst spills in history—the 1989 Exxon Valdez oil tanker spill—to explain in simple terms and with bold, full color illustrations why oils spills happen, how experts clean up after them, and what effect spilled oil has on ocean plants and wildlife.
Seaplanes: And Naval Aviation (The Story of Flight)	Ole Steen Hansen	Elementary School	Read all about early "flying boats," float planes that serve remote communities, and the low-flying seaplanes of the future. The year 1910 marked the first-ever flight to take off from water. At the start of World War I, seaplanes were mainly used to observe enemy ships but by World War II, aircraft were taking off and fighting from carries at sea.
The Magic School Bus Went All Over: A Book About the Water Cycle	Pat Relf	Elementary School	Experience the earth's water cycle first hand as Ms. Frizzle's class rises into the air, forms a rain cloud and drizzles down upon earth, just like rain!
The Snowflake: A Water Cycle Story	Neil Waldman	Elementary School	This beautifully illustrated picture book follows a single droplet of water as it moves and changes throughout one year.
The Water Cycle (First Facts, Water All Around)	Rebecca Olien	Elementary School	Water is everywhere, from rain and your tap water to our lakes and river. With vivid photographs, clear text, diagrams, and fun facts, this informative set covers all the basic facts about water in our world.
The Water Cycle: Look, Listen, Learn	Bobbie Kalman	Elementary School	This title contains a book & CD. All life on Earth depends on the water cycle! The "Water Cycle" is a fascinating book that introduces children to this important cycle using a clear, step-by-step approach. The CD's approximate running time is 30 minutes.
The U.S. Navy Alphabet Book	Sammie Garnett, Jerry Pallotta	Elementary/Middle School	Anchors Aweigh! An alphabetical tour of the U.S. Navy. Learn about the Navy Seals, find out the difference between a boat and a ship, discover the Navy's very own alphabet, and much, much more.
A Drop around the World	Barbara Shaw McKinny	Middle School	A drop of rain is a drop of life - a drop of eternity. From steam to snow, from polluted to purified, from stratus cloud to subterranean crack, water links the world in a living flow. Barbara Shaw McKinney and illustrator Michael Maydak take us on an "out of sight" journey from Maine to Mumbai, with just one raindrop as it touches plant, animal and human life all around the world. Traveling with Drop, readers will see the world, inside and out, from solid, liquid and vaporous viewpoints.
Astronomy (DK Eyewitness Books)	Kristen Lippincott	Middle School	The most trusted nonfiction series on the market, Eyewitness Books provide an in-depth, comprehensive look at their subjects with a unique integration of words and pictures.
Ecology (DK Eyewitness Books)	Brian Lane, Steve Pollock	Middle School	Superb color photographs of animals, plants, and ecosystems reveal the ideas and discoveries that have changed our understanding of life around us. See how plants store their food supply, how dung enriches the soil, how biodiversity is measured, the damage caused by acid rain, and a field-digger wasp capturing a fly. Learn how plants create their own food, how and when the world's human population "exploded", how your back yard provides a small-scale model of life all over the Earth. Discover the links in the seashore food chain, how the buffalo was saved from extinction, why insects such as locusts are subject to population explosion, natural pest control, and much, much more!
Wheels at Work: Building and Experimenting With Models of Machines (Boston Children's Museum Activity Book)	Bernie Zubrowski	Middle School	Instructions for using readily available materials to make models of machines such as pulleys, windlasses, and water wheels, with suggested experiments to demonstrate their capabilities.
The Illustrated World Encyclopedia of Marine Fish and Sea Creatures: A Natural History and Identification Guide to the Animal Life of the Deep Oceans, Open Seas, Reefs, Shallow Waters, Saltwater Estuaries, and Shorelines of the World	Amy-Jane Beer, Derek Hall	Middle School	An authoritative and lavishly illustrated guide to marine life around the world, featuring profiles of hundreds of bony and cartilaginous fish, plus shells, crabs, corals, echinoderms, seals, jellyfish, dolphins, sharks, rays, sea snakes, and many more.
Mastering the Sky: A History of Aviation from Ancient Times to the Present	James P. Harrison	Middle School	This remarkable book begins with the "miracle" of a 747 taking off, and then goes back to the very beginning of man's attempts to fly. The courageous, and sometimes tragic, story of flight includes dreamers, inventors, fighters, machines and now countless individuals who routinely travel in the air.
The Empty Ocean	Richard Ellis	High School	Ellis, a research associate at the American Museum of Natural History, describes the losses the world's oceans have suffered in terms of reduction and extinction of species and explains what can be done to help the oceans recover. Through portraits of marine creatures, he introduces readers to many forms of sea life that human beings have fished, hunted, and collected.

Water: The Fate of Our Most Precious Resource	Marq de Villiers	High School	Marq de Villiers provides an eye-opening account of how we are using, misusing, and abusing our planet's most vital resource. Encompassing ecological, historical, and cultural perspectives, de Villiers reports from hot spots as diverse as China, Las Vegas, and the Middle East, where swelling populations and unchecked development have stressed fresh water supplies nearly beyond remedy. Political struggles for control of water rage around the globe, and rampant pollution daily poses dire ecological threats.
When the Rivers Run Dry: The Defining Crisis of the Twenty-first Century	Fred Pearce	High School	In this groundbreaking book, veteran science correspondent Fred Pearce travels to more than thirty countries to examine the current state of crucial water sources. Deftly weaving together the complicated scientific, economic, and historic dimensions of the world water crisis, he provides our most complete portrait yet of this growing danger and its ramifications for us all.
The Great Lakes Water Wars	Pater Annin	High School	The Great Lakes are the largest collection of fresh surface water on earth, and more than 40 million Americans and Canadians live in their basin. Will we divert water from the Great Lakes, causing them to end up like Central Asia's Aral Sea, which has lost 90 percent of its surface area and 75 percent of its volume since 1960? Or will we come to see that unregulated water withdrawals are ultimately catastrophic? Peter Annin writes a fast-paced account of the people and stories behind these battles.
Math			
Estimation in Space	Benchmark Education	Elementary School	When do we use estimation? What can we estimate in space? Read to learn about using estimation in space.
Crimes and Mathdemeanors	Leith Hathout	High School	This collection of short detective stories provides an exciting new challenge for young adults who have graduated beyond the ever-popular Encyclopedia Brown mysteries series and are interested in applying high school level mathematics and physics to solve problems. The main character, Ravi, is a 14-year-old math genius who helps the local police solve cases. Each chapter is a detective story with a mathematical puzzle at its core that Ravi is able to solve; the author invites the reader to solve the case on his or her own and then explains the mathematics used to find the solution to the puzzle.
Language Arts			
Hot Air: The (Mostly) True Story of the First Hot-Air Balloon Ride	Marjorie Priceman	Elementary School	The first "manned" hot-air balloon is about to take off! But what are those noises coming from the basket? Based on the (POSSIBLY) true report of a day in 1783, this is the story of (PERHAPS) the bravest collection of flyers the world has ever seen.
Jenny, the Plane that Taught the World to Fly	David Weitzmab	Elementary School	Presents the development and history of the JN-4D airplane, commonly called the Jenny, and portrays a typical woman pilot who trained army air cadets for World War I and later carried air mail.
Soar, Elinor	Tami Lewis Brown	Elementary School	On October 21, 1928, seventeen-year-old Elinor Smoth set out to prove she was one of the best pilots ever to claim the sky.
Pearl Harbor Is Burning!: A Story of World War II (Once Upon America)	Kathleen V. Kudlinski	Elementary/Middle School	Frank wishes his family had never moved to Hawaii. He has no friends and the local boys taunt him as a haoli , an outsider. When Kenji, a Japanese-American boy, offers friendship, they discover a lot in common, especially a love of baseball. The two boys are in Frank's tree house overlooking Pearl Harbor on December 7, 1941, where they watch with fascination and horror as ship after ship is blown up in the water. Conflicting messages and rumors being broadcast over the radio serve as a background for confusion as people react to the emergency. An effective snapshot of the past, this book presents a realistic picture of what residents of Honolulu experienced on that fateful day.
Sadako and the Thousand Paper Cranes	Eleanor Coerr	Middle School	Twelve-year-old Sadako Sasaki was the lively star of her school's running team when the dizzy spells started. Soon gravely ill with leukemia, and aftereffect of the atom bomb that fell on her city when she was a toddler. Sadako approached her illness as she did her running- with irrepressible spirit. Recalling a Japanese legend, Sadako set to work folding cranes. For the legend holds that if a sick person folds one thousand cranes, the gods will grant her wish and make her healthy again.
A Boy at War: A Novel of Pearl Harbor	Harry Mazer	Middle/High School	Adam Pelko has lived for only two weeks in Honolulu, where his father is an officer assigned to the USS Arizona in nearby Pearl Harbor. When he befriends Davi Mori, a high school classmate whose parents are Japanese, Adam's rigid father forbids him to associate with Davi, fearing that the anti-Japanese sentiment so rampant on the island will tarnish the Pelko family and Lieutenant Pelko's navy career. When his father is called back to the ship unexpectedly, Adam slips away from his house the following morning-December 7, 1941-to go fishing with Davi and another classmate. Rowing close to the fleet in Pearl Harbor, they witness the horrific Japanese air attack and are nearly killed themselves, their boat shot from beneath them by a low-flying fighter plane. Desperate to reach home and find out if his father is alive, Adam is spotted by an officer who mistakes him for a young enlisted man and orders him into action to help rescue survivors and restore order. Before the day is out, Adam proves himself a hero, bravely confronting death and destruction as he struggles to learn his father's fate.
Grayson	Lynn Cox	Middle/High School	On a clear California morning when Lynn Cox was 17 years old, she had an unusual experience that stayed with her for 30 years, creating a spiritual foundation for her personal and professional success. In this slim and crisp memoir, Cox details a morning swim off the coast of California that took an unexpected turn: returning to shore, she discovered that she was being followed by a baby gray whale that had been separated from its mother. As Cox developed a rapport with the whale, she took on the responsibility of keeping it at sea until it was reunited with its mother. Cox expertly weaves fine details together, from the whale's mushroomlike skin to how other fish react to such a large creature.

Wind, Sand and Stars	Antoine de Saint-Exupéry	Middle/High School	Recipient of the Grand Prix of the Académie Française, Wind, Sand and Stars captures the grandeur, danger, and isolation of flight. Its exciting account of air adventure, combined with lyrical prose and the spirit of a philosopher, makes it one of the most popular works ever written about flying.
Calculated Risk: The Extraordinary Life of Jimmy Doolittle - Aviation Pioneer and World War II Hero	Jonna Doolittle Hoppes	High School	General Jimmy Doolittle is best remembered for leading an air strike over Toyko in 1942. He also was the first aviator to fly cross-country in under 24 hours (in 1922) and the first to fly blind, using only his plane's instruments. He won numerous speed trophies, was awarded many medals, and commanded three air force groups during the war. This book is a memoir written by Doolittle's granddaughter, in which she recounts her grandfather's early life in Nome, Alaska, and his years in the service. He served on an aerobatics team, studied the mechanical side of flight, and promoted strategic bombing that significantly altered the course of World War II.
Flags of Our Fathers	James Bradley, Ron Powers	High School	The Battle of Iwo Jima, fought in the winter of 1945 on a rocky island south of Japan, brought a ferocious slice of hell to earth: in a month's time, more than 22,000 Japanese soldiers would die defending a patch of ground a third the size of Manhattan, while nearly 26,000 Americans fell taking it from them. The battle was a turning point in the war in the Pacific, and it produced one of World War II's enduring images: a photograph of six soldiers raising an American flag on the flank of Mount Suribachi, the island's commanding high point.  One of those young Americans was John Bradley, a Navy corpsman who a few days before had braved enemy mortar and machine-gun fire to administer first aid to a wounded Marine and then drag him to safety. For this act of heroism Bradley would receive the Navy Cross, an award second only to the Medal of Honor.  Bradley, who died in 1994, never mentioned his feat to his family. Only after his death did Bradley's son James begin to piece together the facts of his father's heroism, which was but one of countless acts of sacrifice made by the young men who fought at Iwo Jima.
Flyboys: A True Story of Courage	James Bradley	High School	Flyboys is the true story of young American airmen who were shot down over Chichi Jima. Eight of these young men were captured by Japanese troops and taken prisoner. Another was rescued by an American submarine and went on to become president. The reality of what happened to the eight prisoners has remained a secret for almost 60 years. After the war, the American and Japanese governments conspired to cover up the shocking truth. Not even the families of the airmen were informed what had happened to their sons. It has remained a mystery—until now.
Goodbye to Some: A Novel	Gordon Forbes	High School	This novel is a searing psychological examination of U.S. Navy long-distance bomber crews in the waning months of the Pacific war. It explores the temporary dehumanization of otherwise sane young men flying PB4Y Liberators thousands of miles from their backwater island base, through waves of deadly Japanese fighters, to bomb seemingly insignificant targets. Blending graphic descriptions of authentic bomber raids and air battles with unforgettable characters bound up in the fear, humor, and horror of war.
Piece of Cake	Derek Robinson	High School	This book follows the dramatic vapour trails of Hornet Squadron during the first year of World War Two from the Phoney War to the Battle of Britain and from the raw tomfoolery of young Pilot Officers to the misguided obstinacy of Fighter Command. At twenty thousand feet or on the ground, the men of Hornet squadron are quick-flying and quick-witted, always audacious and often less than scrupulous. Fanny Barton learns the hard way that promotion may be fast but leadership does not come so easily, that regret is a bygone word and that honour is a concept which you fight for but not with.
Social Studies			
DK Big Book of Airplanes	Anne Millard	Elementary School	From the fastest--and noisiest--passenger plane in the world, to downright strange aircraft, here is a spectacular look at a subject of endless fascination to children. Marvel at one of the first planes to blast into space! Learn about a plane that can land on water. And take a close look at the fastest of all jet planes, the Blackbird. Striking photographs are supported by lively and informative text that gives children a fuller understanding of these amazing machines.
Navy Ships in Action	Kay Jackson	Elementary School	Pictorial review of navy ships on the seas and in everyday situations.
Nim and the War Effort	Milly Lee	Elementary School	It's the last day of the newspaper drive and Nim, a Chinese-American girl in San Francisco during World War II, is determined to win. Her nearest rival has cheated. Undaunted, she leaves Chinatown and walks up Nob Hill after school, determined to find more scrap newspaper. Nim's sweet seriousness and ingenuity are captured in the text and in the luminous, grave illustrations.
Pearl Harbor: Ready to Read Level 3	Stephen Krensky	Elementary School	Bringing a dramatic moment of World War II to vivid life, author Stephen Krensky answers questions about the historic importance of the military action at Pearl Harbor. Written in simple yet clear language, the book teaches readers about the political scene before and after the bombing of Pearl Harbor by the Japanese in December 1941, and how this event shaped our country's place in the world.
Air Raid--Pearl Harbor!: The Story of December 7, 1941	Theodore Taylor	Middle School	On December 7, 1941, Americans were stunned to learn that Japanese forces had launched an attack on Pearl Harbor. In this engrossing and extensively researched account, Theodore Taylor examines both sides of the battle, taking a close look at the events leading up to it and providing compelling insight into the motives and operations of the brave men and women swept up in the fight.

Black Eagles: African Americans in Aviation	Jim Askins	Middle School	A labored effort to create a comprehensive picture of pioneers in black aviation, from Eugene Bullard, who served in the French flying corps in World War I when the U.S. Army would only allow whites to fly, to the first black astronauts. Readers who think that the story of African Americans in aviation begins with the World War II Tuskegee squadron and ends with astronaut Mae Jemison will note that nearly a third of this book is devoted to African Americans who flew during the period before World War II.
Early Sunday Morning: The Pearl Harbor Diary of Amber Billows (Dear America Series)	Barry Denenberg	Middle School	A moving story of one girl's devastating experience of the "day that will live in infamy."
Flight: 100 Years of Aviation	R.G. Grant	Middle School	This sweeping compendium of milestones in 20th-century aviation history is published in association with the Smithsonian's National Air and Space Museum, which may account for its rigorous attention to detail. Grant offers a wealth of supportive information to complement his engagingly written text. Succinct offset biographies sketch the lives and contributions of aviation's pioneers (both men and women), scientists, promoters, businessmen, barnstormers, racers, designers and manufacturers, aces (from World War I to Vietnam), and astronauts and cosmonauts.
From Birdwomen to Skygirls: American Girls' Aviation Stories	Fred Erisman	Middle School	This first comprehensive study of a long-overlooked topic recalls aviation experiences long past and poses provocative questions about Americans' attitudes toward women and how those attitudes were conveyed to the young.
Remember Pearl Harbor: Japanese And American Survivors Tell Their Stories	Thomas B. Allen	Middle School	Compelling narrative laced with first-person accounts from both American and Japanese survivors combines with dramatic archival images and a brief overview to paint a vivid portrait of what it was like to have witnessed, participated in, and lived through the surprise attack on Pearl Harbor that infamous morning of December 7, 1941. Historical photos set the scene. This landmark volume will provide young readers with valuable insights into both the Japanese and American points of view and demonstrate why people on both sides feel the need to remember Pearl Harbor.
The Good Fight : How World War II Was Won	Stephen Ambrose	Middle School	Stephen E. Ambrose, one of the finest historians of our time, has written an extraordinary chronicle of World War II for young readers. From Japanese warplanes soaring over Pearl Harbor, dropping devastation from the sky, to the against-all-odds Allied victory at Midway, to the Battle of the Bulge during one of the coldest winters in Europe's modern history, to the tormenting decision to bomb Nagasaki and Hiroshima with atomic weapons, The Good Fight brings the most horrific -- and most heroic -- war in history to a new generation in a way that's never been done before.
The Race for Space: The United States And the Soviet Union Compete for the New Frontier (People's History)	Betsy Kuhn	Middle School	A compelling portrait of the United States's rivalry with the former Soviet Union over space technology from the 1950s to the early 1990s.
T-Minus: The Race to the Moon	Jim Ottaviani	Middle School	What happens when you take two global superpowers, dozens of daring pilots, thousands of engineers and scientists, and then point them at the night sky and say "Go!"?
Up in the Air: The Story of Bessie Coleman	Philip S. Hart, Barbara O'Conner	Middle School	The first African American woman to become an airplane pilot, Coleman overcame many obstacles in pursuit of her goal. She grew up in poverty but was determined not to spend the rest of her life picking cotton in Waxahachie, Texas. When American flying schools refused to train an African American woman, she enrolled in an aviation school in France, where she became a pilot in 1921.
Cold War Civil Rights: Race and the Image of American Democracy	Mary L. Dudziak	High School	In 1958, an African-American handyman named Jimmy Wilson was sentenced to die in Alabama for stealing two dollars. Shocking as this sentence was, it was overturned only after intense international attention and the interference of an embarrassed John Foster Dulles. Soon after the United States' segregated military defeated a racist regime in World War II, American racism was a major concern of U.S. allies, a chief Soviet propaganda theme, and an obstacle to American Cold War goals throughout Africa, Asia, and Latin America. Each lynching harmed foreign relations, and "the Negro problem" became a central issue in every administration from Truman to Johnson.
Art and Museums			
Behind the Museum Door: Poems to Celebrate the Wonders of Museums	Lee Bennett Hopkins (editor)	Elementary School	Fourteen poems on the many dazzling collections featured in museums. The art, artifacts, and anthropological treasures found in museum collections are coupled with stunning poetry by acclaimed writers Lee Bennett Hopkins, Jane Yolen, Myra Cohn Livingston, Rebecca Kai Dotlich, and many more in this unique volume. Perfect for art, natural history, and children's museums, this is also an ideal book for classroom teachers before they bring their students on a museum visit. The lively verse captures the wonder and amazement of the exhibition experience, from mummies to medieval relics, and from fine art to fossils.
Come Look with Me: Enjoying Art With Children	Gladys S. Blizzard	Elementary School	Enjoying Art with Children is the first volume in the Come Look With Me series of interactive art books from Lickle Publishing. Each book in the series introduces children to twelve magnificent works of art. More importantly, they offer a whole new way of encountering any work of art, one that engages the imagination as much as the eye. Well suited for both individual and classroom use, Enjoying Art with Children pairs quality art reproductions with thought-provoking questions, encouraging children to learn through visual exploration and interaction. Thoughtful text introduces the world and work of the artist, making the most of a child's natural

How to Take Your Grandmother to the Museum	Lois Wyse	Elementary School	Written by Lois Wyse, the author of "Funny, You Don't Look Like a Grandmother", with her 10 year-old granddaughter, Molly Rose Goldman, this is a charming story of an adventurous little girl and her willing and eager grandmother, and the things they discover during a museum outing together. It mixes color photos with whimsical full-color illustrations for a realistic view of the museum, and includes two pages of additional information about the
From the Mixed Up Files of Mrs. Basil E. Frankweiler	E.L. Konigsberg	Elementary/Middle School	When suburban Claudia Kincaid decides to run away, she knows she doesn't just want to run from somewhere she wants to run to somewhere--to a place that is comfortable, beautiful, and preferably elegant. She chooses the Metropolitan Museum of Art in New York City. Knowing that her younger brother, Jamie, has money and thus can help her with the serious cash flow problem she invites him along. Once settled into the museum, Claudia and Jamie, find themselves caught up in the mystery of an angel statue that the museum purchased at an auction for a bargain price of \$250. The statue is possibly an early work of the Renaissance master Michelangelo, and therefore worth millions. Is it? Or isn't it? Claudia is determined to find out. This quest leads Claudia to Mrs. Basil E. Frankweiler, the remarkable old woman who sold the statue and to some equally remarkable discoveries about herself.
Carrier War: Aviation Art of World War II	Paul Stillwell	Middle/High School	Breathtaking paintings by the most respected aviation and military artists, preserve the moment when the aircraft carrier became the cornerstone of naval warfare. The British, Japanese, and US fleets all obtained true carriers, with their numbers growing wildly by World War II. Written, with gripping historical anecdotes, by a renowned military historian.