

Good Science Books Recommended by various teachers on NSTA's listserv

- Apologies for not acknowledging individually those who contributed to this book list.
- Have added details such as publisher, year, ISBN etc when these were easily accessible
- Grateful for feedback (to hstsoi@gmail.com please) re errors etc. A million thanks.

Herbert Tsoi, NSTA Life Member, Hong Kong.

Author(s) / Editor(s)	Name of book	Publisher, year of publication, ISBN	Comments accompanying some of the original recommendations
Abbey, Edward	Desert Solitaire		
Abbott, Edwin	Flatland: A Romance of Many Dimensions		The best introduction one can find into the manner of perceiving dimensions (Asimov). Thought provoking very short book.
Ackerman, Diane	A natural history of the senses	Vintage Books, 1991.	
Ackerman, Diane	The Moon by Whale Light: And Other Adventures Among Bats, Penguins, Crocodilians, and Whales	First Vintage Books, 1992. ISBN 0-679-74226-3	
Ackerman, Diane	The Rarest of the Rare: Vanishing Animals, Timeless Worlds	Vintage, 1997. ISBN 978-0679776239	
Adams, Douglas	The Hitchhiker's Guide to the Galaxy		
Adler, Irving & De Witt, Cornelius	The Wonders of Physics: An Introduction to the Physical World	Golden Press, 1966. ASIN B0007DVHGQ	
Albom, Mitch & Stacy Creamer, Stacy	Tuesdays with Morrie: An Old Man, a Young Man, and Life's Greatest Lesson.	Broadway Books; (October 8, 2002) ISBN: 076790592X	
Alder, K.	The Measure of All Things: The seven-year odyssey and hidden error that transformed the world	Free Press, 2002.	The story of the two astronomers/scientists commissioned by the French Academy of Sciences to measure the length of the prime meridian through France in order to determine the length of the prime meridian and, thereby, the meter. Mechain fudges his data, Delambre makes calculation errors. Great nature of science focus, and gave me a whole new appreciation for the metric system and its origins (The meter is based on the earth itself!).
Alexander, Caroline	The Endurance: Shackleton's Legendary Antarctic Expedition		
Alten, Steve	Meg		
Alvarez, Walter	T-Rex and the Crater of Doom		
Alvord, Lori & Pelt, Elizabeth Cohen Van	The Scalpel and the Silver Bear	2000. ISBN 0553378007	
Ambrose, Stephen	Undaunted Courage		
American Nuclear Society	Controlled Nuclear Chain Reaction: The First 50 Years	American Nuclear Society, 1992. ISBN 0-89448-557-1	
Andrews, Andy	The Traveler's Gift: Seven Decisions That Determine Personal Success		
Andrews, Sarah	Fault Line		

Andrews, Sarah	Killer Dust		
Ardrey, Robert	African Genesis		A easy read.
Asimov, Isaac	Asimov's Chronology of Science & Discovery: Updated and Illustrated	HarperCollins Publishers, 1994. ISBN: 0062701134	
Asimov, Isaac	Understanding Physics	Dorset Press, 1988. ISBN 978-0880292511	
Atkins, Peter	Galileo's Finger		
Baker, Rachel	The First Woman Doctor	Scholastic Paperbacks, 1987. ISBN 059044767X.	
Baker, Robert A.	A Stress Analysis of a Strapless Evening Gown: Essays for a Scientific Age	Prentice Hall, 1982. ISBN 0138526087	
Bakker, Bob	Dinosaur Heresies		
Barry, Dave	Science Fair		
Barry, John	Rising Tide: The Great Mississippi Flood of 1927 and How it Changed America		
Bartusiak, Marcia	Einstein's Unfinished Symphony: Listening to the Sound of Space-Time	Berkley, 2003. ISBN 0-425-18620-2	
Baxter, Stephen	Ages in Chaos		Geology
Beauchamp, Wilbur L.; Mayfield, John C.; DeHart Hurd, Paul	Everyday Problems in Science	Scott, Foresman & Co., 1968	
Beckett, Simon	The Chemistry of Death	Bantam Books, 2006. ISBN 978-0593055212	kids will find fascinating because it is so graphic and gruesome
Beckhard, Richard	The Leader of the Future	Jossey-Bass, 1996. ISBN: 978-0-7879-0180-6	
Beerling, David	The Emerald Planet:		
Belkin, Lisa.	First, Do No Harm,	Ballantine Books, 1993, ISBN: 0-449-22290-X.	
Bell, Madison Smartt	Lavoisier in the Year One: The Birth of a New Science in an Age of Revolution	W. W. Norton & Co, 2005. ISBN 0393-05155-2	
Benton, Michael J.	When Life Nearly Died (The Permian Extinction)		
Berger, John	Nuclear Power: The Unviable Option: A Critical Look At Our Energy Alternatives	Ramparts Press, 1976. ISBN 978-0878670635	
Bernd Heinrich	The Geese of Beaver Bog	ASIN B000GG4FZE	
Bernd Heinrich	Winter World: The Ingenuity of Animal Survival	Harper Perennial, 2009. ISBN 978-0061129070	
Berry, Adrian	Galileo and the Dolphins: Amazing But True Stories From Science	1996.	
Biddle, Wayne	A Field Guide to Germs		
Biro, David.	One Hundred Days: My Unexpected Journey from Doctor to Patient.	Vintage. ISBN 0-375-70673-9	
Bjornerud, Marcia	Reading the Rocks: The Autobiography of the Earth		Really well written story of geology
Blanding, Sharon L.	The Science of Sports: How Things in Sports Work	Barnes & Noble, 2003.	

		ISBN 978-0760735015	
Blum, Deborah	Sex on the Brain		
Blum, Deborah	The Poisoner's Handbook: Murder and the Birth of Forensic Medicine in Jazz Age New York		
Bobick, James	The Handy Biology Answer Book	Visible Ink Press, 2004. ISBN 978-1578591503	
Bodanis, David	E=MC2 : The Biography of the World's Most Famous Equation		A great book for understanding a lot of basic chemistry and physics. The book was made into a movie by PBS and it's easy to pull down snippets of it from YouTube to use in class. Lavoisier (and his wife, who has gotten short shrift regarding her contribution to his work in my view), Einstein, Meitner, Du Chatelet, and Faraday come alive in a way that no textbook can quite convey and you get a different perspective for students to help them see/better understand some of the essential concepts that these scientists are responsible for
Bodanis, David	Passionate Minds		
Bohjalian, Chris A.	Midwives.	Vintage Books, ISBN 0375706771	
Bortz, Fred	Astrobiology	(Lerner, "Cool Science" series, library binding, 2007, paperback, 2008)	
Bortz, Fred	Catastrophe! Great Engineering Failure – and Success	W. H. Freeman, Scientific American Books for Young Readers, 1995	
Bortz, Fred	Collision Course: Cosmic Impacts and Life on Earth	Millbrook Press, 2001	
Bortz, Fred	Library of Subatomic Particles	Rosen Publishing Group, published in 2004	6 volumes. By Fred Bortz
Bortz, Fred	Martian Fossils on Earth? The Story of Meteorite ALH84001	Millbrook Press, 1997 (reinforced library binding)	ages 10-up, 72 pages, full color
Bortz, Fred	Mind Tools: The Science of Artificial Intelligence	Franklin Watts, 1992	
Bortz, Fred	Physics: Decade by Decade	Facts On File, Twentieth Century Science set, 2007. ISBN 9780816055326	
Bortz, Fred	Seven Wonders of EXPLORATION TECHNOLOGY	Twenty-First Century Books, "Seven Wonders" series, library binding, 2010	
Bortz, Fred	Seven Wonders of SPACE TECHNOLOGY	Twenty-First Century Books, "Seven Wonders" series, library binding, 2011	
Bortz, Fred	Superstuff ! Materials That Have Changed Our Lives	Franklin Watts, 1990	
Bortz, Fred	Techno-Matter: The Materials Behind The Marvels	Twenty-first Century Books, Millbrook Press, 2001	
Bortz, Fred	To The Young Scientist: Reflections on Doing and Living Science	Franklin Watts, 1997	

Bortz, Fred & Shepherd, Marshall	Dr Fred's Weather Watch: Create and Run Your Own Weather Station	McGraw-Hill, 2000	
Bova, Ben	Faint Echoes, Distant Stars: The Science and Politics of Finding Life Beyond Earth	Harper Collins, 2004. ISBN 0-380-97519-X	
Bown, Stephen	A Most Damnable Invention : Dynamite, Nitrates, and the Making of the Modern World	Thomas Dunne Books, 2005. ISBN 0-312-32913-X	
Boylan, Bob.	Get Everyone in Your Boat Rowing in the Same Direction.	Adams Media Corp. ISBN 1-55850-547-4	
Bradbury, Ray; Clarke, Arthur C.; Murray, Bruce; Sagan, Carl; Sullivan, Walter	Mars and the Mind of Man	Harper & Row, 1973. ISBN 978-0060104436	
Bragg, Melvin	On Giants' Shoulders: Great Scientists and Their Discoveries – from Archimedes to DNA	Wiley, 2000. ISBN 978-0471396840	
Brown, G.	Scientist, Soldier, Statesman, Spy - Count Rumford: The Extraordinary Life of a Scientific Genius	Sutton Publishing, 2001. ISBN 978-1422393239	
Bryson, Bill	A Short History of Nearly Everything		A long but very readable story of science. The author covers the history of the big science ideas from the perspective of the scientists who developed them. The book provides students with the reasons of why the Scientific Method evolved as a process and why even they can become scientists. They learn that Newton was a slightly crazy alchemist, Einstein had trouble with math and school, Darwin procrastinated on publishing his ideas, and so on.
Bryson, Bill	A Walk in the Woods		
Buchmann, Stephen L. & Nabhan, Gary Paul	The Forgotten Pollinators		
Burdick, Alan	Out of Eden: An Odyssey of Ecological Invasion		National Book Award finalist
Burke, James	The Day the Universe Changed (revised ed)		
Cairns-Smith, A.G	Seven Clues to the Origin of Life		
Callanan, Maggie & Kelley, Patricia	Final Gifts: Understanding the Special Awareness, Needs, and Communications of the Dying	1997, ISBN 0553378767	
Carbon, Max W.	Nuclear Power: Villain or Victim?: Our Most Misunderstood Source of Electricity	Pebble Beach Publishers, 1997. ISBN 978-0965809603	
Carnegie Library of Pittsburg, Science and Technology Department	The Handy Science Answer Book	Visible Ink Press, 2002. ISBN 978-1578591404	
Carroll, Michael C.	Lab 257: The Disturbing Story of the Government's Secret Germ Laboratory	New York: HarperCollins, 2004. ISBN 006-001141-6	
Carroll, Sean B.	*Remarkable Creatures*		
Carroll, Sean B.	Endless Forms Most Beautiful		
Carroll, Sean B.	Making of the Fittest		
Carroll, Sean B.	Remarkable Creatures: Epic Adventures in the Search for the Origin of Species		an entertaining and readable book of the very real people and their true adventures in their search for answers in evolutionary biology

Carroll, Sean B.	The Making of the Fittest		
Carson, Ben.	Gifted Hands.	Zondervan, 1996. ISBN: 0310214696	
Carson, Rachel	A Silent Spring	Fawcett Publications, Inc., 1970	American Geographical Society - Conservationist of the Year. 1963
Carter, Rita	The Human Brain Book		
Cheney, Margaret	Tesla: Man Out of Time	Touchstone, 2001. ISBN 978-0743215367	
Cindi Broaddus, Cindi & Suiters, Kimberly Lohman	A Random Act: An Inspiring True Story of Fighting to Survive and Choosing to Forgive	2006, ISBN 0060735155	
Colinvaux, Paul A.	Why Big Fierce Animals Are Rare: An Ecologist's Perspective	Princeton University Press, 1978. ISBN 0-691-08194-8	
Cook, Robin	Acceptable Risk	The Berkeley Publishing Group, New York	medical suspense novels
Cook, Robin	Chromosome 6	The Berkeley Publishing Group, New York	medical suspense novels
Cook, Robin	Contagion	The Berkeley Publishing Group, New York	medical suspense novels
Cook, Robin	Fatal Cure	The Berkeley Publishing Group, New York	medical suspense novels
Cook, Robin	Mutation	The Berkeley Publishing Group, New York, 1989. ISBN 0-425-11965-3	medical suspense novels
Cook, Robin	Outbreak	The Berkeley Publishing Group, New York	medical suspense novels
Cook, Robin	Terminal	The Berkeley Publishing Group, New York	medical suspense novels
Corwin, Jeff	Living on the Edge		
Cousins, Norman,	Anatomy of an Illness as Perceived by the Patient: Reflections on Healing and Regeneration.	Norton Publishing , ISBN 0393041905.	
Coyne, Jerry	Why Evolution is True		
Credit, Larry P., Hartunian, Sharon G., Nowak, Margaret J.,	Your Guide to Complementary Medicine,	Avery Publishing Group, 1998, ISBN: 0-89529-831-7.	
Crichton, Michael	Airframe		mostly mindless entertainment, but they do have a fair amount of good science in them
Crichton, Michael	Congo		
Crichton, Michael	Disclosure		
Crichton, Michael	Jurassic Park		
Crichton, Michael	Next		
Crichton, Michael	Pirate Latitudes	2009	
Crichton, Michael	Prey		
Crichton, Michael	Rising Sun		

Crichton, Michael	Sphere		
Crichton, Michael	State of Fear		
Crichton, Michael	The Andromeda Strain		
Crichton, Michael	The Lost World		
Crichton, Michael	Timeline		
Crichton, Michael	Travels		
Crichton, Michael.	Five Patients: The Hospital Explained.	Bt Bound; (May 2000) ISBN: 061321546X	
Crick, Francis	What Mad Pursuit		Nobel Prize, 1962
Croall, Stephen	The Anti-Nuclear Handbook	Random House, 1979. ISBN 978-0394737812	
Crump, Thomas	A Brief History of Science as Seen Through the Development of Scientific Instruments.	ISBN 0-84119-235-X	
Darwin, Charles	Charles Darwin's Beagle Diary (1831-1836)		
Darwin, Charles	The Descent of Man, and Selection in Relation to Sex		Long, but classic.
Darwin, Charles	The Voyage of the Beagle		a much more enjoyable read than other Darwin works. Short and a classic that any serious biology student should read
Darwin, Charles; Quammen, David (ed)	On the Origin of Species – illustrated edition		The illustrations are plentiful and marvelous and spaced throughout the book are letters and excerpts from Darwin's other writings.
Davies, Paul	The Last Three Minutes: Conjectures About The Ultimate Fate Of The Universe	Basic Books, 1997. ISBN 978-0465038510	
Davis, Eric.	Born to Play,	Signet, ISBN 0-670-88511-8	
Davis, Sampson; Jenkins, George; Hunt, Rameck; Page, Lisa Frazier	The Pact	2003, ISBN 157322989X	
Dawkins, Richard	A Devil's Chaplain	Boston: Houghton Mifflin. 2003. ISBN 0-618-33540-4	
Dawkins, Richard	Climbing Mount Improbable	New York: W. W. Norton & Company. 1996. ISBN 0-393-31682-3	
Dawkins, Richard	River Out of Eden	New York: Basic Books. 1995. ISBN 0-465-06990-8	
Dawkins, Richard	Selections from The Ancestor's Tale		
Dawkins, Richard	The Ancestor's Tale	Boston: Houghton Mifflin. 2004. ISBN 0-618-00583-8	Aventis Prize Finalist, 2005
Dawkins, Richard	The Blind Watchmaker	New York: W. W. Norton & Company. 1986. ISBN 0-393-31570-3	L.A. Times Book Prize, 1987
Dawkins, Richard	The Extended Phenotype	Oxford: Oxford University Press. 1982. ISBN 0-19-288051-9	
Dawkins, Richard	The God Delusion	Boston: Houghton Mifflin.	

		2006. ISBN 0-618-68000-4	
Dawkins, Richard	The Greatest Show on Earth		
Dawkins, Richard	The Greatest Show on Earth: The Evidence for Evolution	Transworld. 2009. ISBN 0-593-06173-X	
Dawkins, Richard	The Selfish Gene	Oxford: Oxford University Press. 1976. ISBN 0-19-286092-5	Los Angeles Times Literary Prize
Dawkins, Richard	Unweaving the Rainbow	Boston: Houghton Mifflin. 1998. ISBN 0-618-05673-4	
De Kruif, Paul	Microbe Hunters		An interesting introduction to scientific thinking through the discoveries of Pasteur, Koch, and others. Be careful with this one some historic terms for people of different races may cause students and parents concern
Deffeyes, Kenneth S.	Hubbert's Peak: The Impending World Oil Shortage		
Dethier, Vincent	To Know a Fly		A very slim book on scientific investigation. Easy and fun.
Diamond, Jared	Collapse		Aventis Prize Finalist, 2006
Diamond, Jared	Guns, Germs and Steel		Pulitzer Prize, Aventis Prize, 1998
Diamond, Jared	The Third Chimpanzee		Aventis and L A Times Book Prize, 1992
Dillard, Annie	Pilgrim at Tinker Creek	1974, HarperCollins. ISBN 1-56849-706-7	Pulitzer Prize Non-fiction 1975
Dingus, Lowell & Lowe, Timothy	Mistaken Extinction : Dinosaur Evolution and the Origin of Birds		
Ditmars, Raymond Lee	The Making of a Scientist	Macmillan, 1937. ASIN B00085BJFW	
Dixon, Dougal	After Man		
Dolnick, Edward	Down the Great Unknown		
Douglas Adams and Mark Carwardine	Last Chance to See		
Dr. Seuss	The Lorax		Elementary but usable even in high school. Message is conservation
Drye, William	Storm of the Century, the Labor Day Hurricane of 1935		
Du Brul, Jack B.	Vulcan's Forge		
Duane, Diane	Deep Wizardry		
Dubner, Stephen & Leavitt, Steven	Freakonomics		
Dubner, Stephen & Leavitt, Steven	Superfreakonomics		
Dudley, Karen	Giant Pandas (Untamed World)	Lerner, 2006. ISBN 0826-3482-7	
Dunn, Susan & Larson, Rob	Design Technology, Children's Engineering	Falmer Press.	Excellent introduction to engineering for young children. Hands on activities for kids, explanations for adults unfamiliar with engineering design processes.
Earle, Sylvia	Sea Change: A Message of the Oceans		
Earle, Sylvia	The World is Blue: How Our Fate and the Ocean's are One		
Einstein, Albert	Relativity the Special and the General Theory: A clear	Gramercy, 1988. ISBN	

	Explanation that Anyone Can Understand	0517029618	
Eisner, Thomas	For Love of Insects		Very interesting easy read if you like insects and spiders. Rather long, but the chapters stand alone so you can assign just part of the book. Eisner provides simplified explanations of lots of different experiments he and his students have performed along with their meaning. My favorite is on the silk "writing" produced by some orb weaving spiders. His ingenious simple test of a hypothesis is classic.
Emoto, Masaru	The Hidden Messages in Water	Atria, 2005. ISBN 978-0743289801	
Emsley, John	Molecules of murder: criminal molecules and classic cases	2008	Although fairly technical, this book is full of fascinating details and well presented actual case studies (both old and modern). It makes some interesting points: 1) Murder by poison (and to get away with it) is virtually impossible given our current forensic abilities, 2) many "natural" chemicals are among the most toxic 3) Most chemical have both beneficial and detrimental effects depending on dose.
Emsley, John	The 13th Element		All about phosphorus. Lots of bombs and boiling of urine. High school boys should like it
Epstein, Fred J.	Gifts of Time	The Berkley Publishing Group, 1993, ISBN: 0-425-14403-8.	
Epstein, Lewis Carroll	Thinking Physics: Understandable Practical Reality	Insight Press, 2009. ISBN 978-0935218084	
Essig, Mark	Edison and the Electric Chair		
Evans, Howard Ensign	Life on a Little Known Planet		
Ewing, Rex	Hydrogen: Hot Stuff Cool Science	PixyJack Press, 2007. ISBN 978-0977372416	
Farmer, Nancy	The House of the Scorpion		a science fiction novel about cloning and growing people to provide body parts to keep drug lords alive.
Ferris, Timothy	Coming of Age in the Milky Way		
Ferris, Timothy	Seeing in the Dark		
Feynman, Richard	Perfectly Reasonable Deviations From the Beaten Track: The Letters of Richard P. Feynman	Basic Books, 2006. ISBN 978-0465023714	
Feynman, Richard	Six Easy Pieces and Six Not-So-Easy Pieces: Essentials of Physics Explained by Its Most Brilliant Teacher	Perseus, 2001. ISBN 978-0738206509	
Feynman, Richard P.	The Feynman Lectures on Physics including Feynman's Tips on Physics: The Definitive and Extended Edition	Addison Wesley, 2005. ISBN 978-0805390452	
Feynman, Richard P.	The Meaning of It All: Thoughts of a Citizen-Scientist	Basic Books, 2005. ISBN 978-0465023943	
Feynman, Richard P.	The Pleasure of Finding Things Out	Basic Books, 2005. ISBN 978-0465023950	amazing
Feynman, Richard Phillips	Surely You're Joking, Mr. Feynman!		
Feynman, Richard Phillips	What Do You Care What Other People Think?		
Fiffer, Steve	Tyrannosaurus Sue: The Extraordinary Saga of the Largest, Most Fought Over T. Rex Ever Found	W. H. Freeman, 2001. ISBN 978-0716794622	
Fink, Carolyn Parnall.	On Duty,	ISBN 0-449-14965-X	

Firlik, Katrina	Another Day in the Frontal Lobe: A Brain Surgeon Exposes Life on the Inside	2007, ISBN 0812973402	
Florman, Samuel C.	The Existential Pleasures of Engineering	St. Martin's Griffin, 1996. ISBN 978-0312141042	
Follett, Ken	A Dangerous Fortune	1993	
Follett, Ken	A Place Called Freedom	1995	
Follett, Ken	Code to Zero	2000	
Follett, Ken	Eye of the Needle	1978	
Follett, Ken	Fall of Giants	2010	
Follett, Ken	Hornet Flight	2002	
Follett, Ken	Jackdaws	2001	
Follett, Ken	Lie Down with Lions	1986	
Follett, Ken	Night Over Water	1991	
Follett, Ken	On Wings of Eagles	1983. ISBN 0-451-16353-2	
Follett, Ken	Storm Island	1978	
Follett, Ken	The Hammer of Eden	1998	
Follett, Ken	The Key to Rebecca	1980	
Follett, Ken	The Man from St. Petersburg	1982	
Follett, Ken	The Pillars of the Earth	1989.	a historical novel by Ken Follett published in 1989 about the building of a cathedral in the fictional town of Kingsbridge, England. Contains a lot of architecture that a student could analyze. It's a long book, though. And don't judge that book by the recent miniseries, because it bears little resemblance to the book.
Follett, Ken	The Third Twin	1996	
Follett, Ken	Triple	1979	
Follett, Ken	Whiteout	2004	
Follett, Ken	World Without End	2007, ISBN 978-0451224996	
Forsyth, Adrian & Miyata, Ken	Tropical Nature		
Fortey, Richard	Earth--An Intimate History		
Fossey, Dian	Gorillas in the Mist		
Fourteen Friends.	The Fourteen Friends Guide to Eldercaring: Practical Advice, Inspiration, Shared Experiences, Space for your Thoughts,	Broadway Books, ISBN 0767906004.	
Fraser, Alistair	Chasing the Monsoon		
Freese, Barbara	Coal: A Human History		
Friedman, Thomas L.	The World is Flat: A Brief History of the Twenty-First Century	Farrar Straus & Giroux, 2006. ASIN B000UEX0DU	
Frisch, Karl	Animal Architecture	ISBN: 0156075202	Animal homes beyond elementary school
Galanti, Geri Ann.	Caring for Patients from Different Cultures,	UPA Press, ISBN 0-8122-1608-3; ISBN 0812220315	;
Gamow, George	Mr Tompkins explores the atom	The University Press, 1951	
Gamow, George	Mr Tompkins in Wonderland	Macmillan Co., 1946	

Gamow, George	Mr Tompkins inside himself: Adventures in the new biology,	Viking Press, 1967	
Gamow, George	Mr Tompkins learns the facts of life	Cambridge University Press, 1953	
Gamow, George	Mr. Tompkins in Paperback.	Cambridge University Press, 1993, ISBN 0-521-44771-2	
Gamow, George	The New World of Mr Tompkins	Cambridge University Press, 2001 (revised and updated edition), ISBN 0-521-63992-1	
Gamow, George	Thirty Years that Shook Physics: The Story of Quantum Theory	Dover Publications, 1985. ISBN 978-0486248950	
Gardner, Martin	Relativity for the Million	Harper & Brothers, 1962. ISBN 978-0025425408	
Gardner, Martin	Science - Good, Bad, and Bogus: a skeptical look at extraordinary claims...	Prometheus Books, 1990. ISBN 978-0879755737	
Garfield, Simon	Mauve		Discovery of analine dyes. More interesting than it sounds
Garrett, Laurie	The Coming Plague		Pulitzer, Polk and Peabody prize
Gaviola, Sandra	My Pocket Mentor	2004. ISBN: 1401835082	
Gawande, Atwul	Complications: A Surgeon's Notes on an Imperfect Science		
Gendersen, P. Erik	The Handy Physics Answer Book	Visible Ink Press, 1998. ISBN 978-1578590582	
Gladwell, Malcolm	Blink		
Gladwell, Malcolm	Outliers		
Gladwell, Malcolm	The Tipping Point		
Gleick, James	Genius: The Life and Science of Richard Feynman	Vintage, 1993.	
Gold, Thomas K.	Deep, Hot Biosphere		
Goldsmith, Barbara	Obsessive Genius		About Marie Curie
Gonick, Larry	The Cartoon Guide to Physics	Harper Perennial, 1991. ISBN 978-0062731005	
Goodstein, David	Out of Gas: The End of the Age of Oil		
Gornick, Vivian	Women in Science: 100 Journeys into the Territory	Touchstone Books, 1990. ISBN 978-0671695927	
Gottlieb.	Stick Figure.	Simon & Schuster, ISBN 0684863588	
Gould, Stephen Jay	An Urchin in the Storm: Essays about Books and Ideas	W. W. Norton, 1987. ISBN 0-393-02492-X	
Gould, Stephen Jay	Bully for Brontosaurus	W. W. Norton, 1991. ISBN 978-0-393-02961-1 . 540 pp.	
Gould, Stephen Jay	Crossing Over: Where Art and Science Meet	Arno Press, 2000. ISBN 0-	

		405-12751-0	
Gould, Stephen Jay	Dinosaur in a Haystack	New York: Harmony Books, ISBN 0-517-70393-9	
Gould, Stephen Jay	Eight Little Piggies	W. W. Norton, 1993. ISBN 0-393-03416-X	
Gould, Stephen Jay	Ever Since Darwin	W. W. Norton, 1977. ISBN 978-0-393-06425-4	
Gould, Stephen Jay	Finders Keepers: Eight Collectors	W. W. Norton, 1992. ISBN 978-0-393-03054-9	
Gould, Stephen Jay	Full House: The Spread of Excellence From Plato to Darwin	Harmony Books, 1996. ISBN 0-517-70394-7	
Gould, Stephen Jay	Hedgehog, the fox, and the magister's pox: Mending and Minding the Misconceived Gap Between Science and the Humanities	Vintage, 2004. ISBN 978-0099440826	
Gould, Stephen Jay	Hen's Teeth and Horse's Toes	W. W. Norton, 1983. ISBN 978-0-393-01716-8	
Gould, Stephen Jay	I Have Landed: The End of a Beginning in Natural History	W. W. Norton, 2002. ISBN 978-0-393-01716-8	
Gould, Stephen Jay	Leonardo's Mountain of Clams and the Diet of Worms	Harvard University Press, 1998. ISBN 0-674-63940-5	
Gould, Stephen Jay	Ontogeny and Phylogeny	Harvard University Press, 1977. ISBN 0-674-63940-5	
Gould, Stephen Jay	Punctuated Equilibrium	W. W. Norton, 2007. ISBN 0-393-02492-X	
Gould, Stephen Jay	Questioning the Millennium: A Rationalist's Guide to a Precisely Arbitrary Countdown	Harmony Books, 1997. ISBN 0-609-60541-0	
Gould, Stephen Jay	Rocks of Ages: Science and Religion in the Fullness of Life	W. W. Norton, 1999. ISBN 978-0-393-06425-4	
Gould, Stephen Jay	The Evolution of Gryphaea	Arno Press, 1980. ISBN 0-405-12751-0	
Gould, Stephen Jay	The Flamingo's Smile	W. W. Norton, 1985. ISBN 0-393-02228-5	
Gould, Stephen Jay	The Lying Stones of Marrakech	W. W. Norton, 2000. ISBN 0-393-01380-4	
Gould, Stephen Jay	The Mismeasure of Man	W. W. Norton, 1981. ISBN 978-0-393-31425-0	
Gould, Stephen Jay	The Panda's Thumb	W. W. Norton, 1980. ISBN 0-393-01380-4	
Gould, Stephen Jay	The Panda's Thumb		1981 National Book Award
Gould, Stephen Jay	The Structure of Evolutionary Theory	W. W. Norton, 2002. ISBN 978-0-393-31425-0	
Gould, Stephen Jay	Time's Arrow Time's Cycle	Harvard Univ. Press, 1987. ISBN 0-674-89198-8 online	

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Gould, Stephen Jay	Triumph and Tragedy in Mudville: A Lifelong Passion for Baseball	W. W. Norton, 2003. ISBN 0-393-02228-5	
Gould, Stephen Jay	Wonderful Life: The Burgess Shale and the Nature of History	W. W. Norton, 1989. ISBN 0-393-02705-8 . 347 pp.	
Gould, Stephen Jay (ed)	The Book of Life	W. W. Norton, 1993. ISBN 0-393-05003-3	
Gray, Theodore	The Elements		great pictures of the elements and some good general info
Green, Dan	Biology: Life as We Know It!	Kingfisher, 2008. ISBN 978-0-7534-6253-9	
Green, Dan	Physics: Why Matter Matters!	Kingfisher, 2008. ISBN 8-0753462140	
Greene, Brian	Icarus at the Edge of Time		a great "picture book" that discusses Einstein's theory of relativity
Greene, Brian	The Elegant Universe		
Greene, Brian	The Fabric of the Cosmos: Space, Time and the Texture of Reality	Vintage, 2005. ISBN 978-0375727207	
Greenfield, Susan	The Private Life of the Brain: Emotions, Consciousness, and the Secret of the Self	John Wiley & Sons, Inc., New York, 2000. ISBN 0-471-18343-1	
Greenlaw, Linda	The Hungry Ocea		
Gribbin, John	Get a Grip on Physics	Barnes & Noble, 2003. ISBN 978-0760737484	
Groopman, Jerome	Second Opinions	2001. ISBN: 0140298622	
Haber, Louis	Women Pioneers of Science	Harcourt, 1979. ISBN 978-0152992026	
Hager, Thomas	The Alchemy of Air		The Haber-Bosch process, humanized
Hakim, Joy	The Story of Science		is not only educational and informative, but also interesting. She is a remarkable story teller and each story is from the vantage of the scientists of that period and how their personal life intersected with the discoveries of the time. You can get a perspective of how science keeps building on past discoveries.
Hallman, Tom	Sam: The Boy Behind the Mask	2003. ISBN: 0425191745	
Halpern, Paul	What's Science Ever Done for Us: What The Simpsons Can Teach Us about Physics, Robots, Life and the Universe	Wiley, 2007. ASIN B001BRYZBQ	
Hamer, Dean & Copeland, Peter	Living with Our Genes	Random House, Inc. 1998. ISBN 0-385-48584-0	
Hammel, Heidi	Beyond Jupiter – The Story of Planetary Astronomer		
Hart, Matthew	Diamond: The History of a Cold Blooded Love Affair		
Hawking, Stephen	A Brief History of Time	Bantam Press, 1988. ISBN 055305340X	
Hawking, Stephen	A Briefer History of Time	Bantam Books, 2005. ISBN 0553804367	
Hawking, Stephen	Black Holes and Baby Universes and Other Essays	Bantam Books, 1993. ISBN	

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Hawking, Stephen	On The Shoulders of Giants. The Great Works of Physics and Astronomy	Running Press, 2002. ISBN 076241698X	
Hawking, Stephen	The Universe in a Nutshell	Bantam Press, 2001. ISBN 055380202X	
Hawking, Stephen & Hawking, Lucy	George's Cosmic Treasure Hunt	(Simon & Schuster, 2009) ISBN 9781416986713	
Hawking, Stephen & Hawking, Lucy	George's Secret Key to the Universe	(Random House, 2007) ISBN 9780385612708	
Hawking, Stephen & Mlodinow, Leonard	The Grand Design	Bantam Press, 2010. ISBN 0553805371	
Heinrich, Bernd	Mind of the Raven		Animal Behavior
Held, Lewis I. Jr.	Quirks of Human Anatomy		An Evo-Devo look at the human body - and its many "poorly designed" features; a bit technical, but light-hearted - a must-read for Biology teachers.
Henig, Robin Maranz	The Monk in the Garden: The lost and found genius of Gregor Mendel, the Father of Genetics		
Heron, Echo.	Intensive Care: The Story of a Nurse.	Mass Market Paperback, ISBN 0804102511.	
Hesselbein, Frances, Goldsmith, Marshall, and Beckhard, Richard, editors,	The Drucker		
Hickam, Homer	October Sky (Rocket Boys)		
Highfield, Roger	The Physics of Christmas: From the Aerodynamics of Reindeer to the Thermodynamics of Turkey	Back Bay Books, 1999. ISBN 978-0316366953	
Hoffmann, Roald	The Same and Not the Same	Columbia University Press, 1995. 0-231-10138-4	
Hofstadter, Douglas R.	Godel, Escher, Bach: An Eternal Golden Braid	Basic Books, 1999.	
Holldobler, Bert & Wilson, E.O.	Journey to the Ants		
Horner, John	Digging Dinosaurs		
Humes, Edward	Baby ER : The Heroic Doctors and Nurses Who Perform Medicine's Tiniest Miracles	Simon & Schuster, 2004. ISBN 0743264436	
Impey, Chris & Hartmann, William	The Universe Revealed	Brooks/Cole Publishing, 1999. ISBN 978-0534248932	
Isaacson, Walter	Einstein		
Isdell, Wendy	A Gebra Named Al		
Jaffee, Bernard	Crucibles, the Story of Chemistry		A history of the beginnings of atomic theory. one of my all time favorites - an easy read even for my more "average" students. It provides the proofs for the backbone of modern chemistry. I have bought many copies of this book as it never seems to return when out on loan.
Janse, Allison & Gerba,	The Germ Freak's Guide to Outwitting Colds and Flu :	2005, ISBN: 0757303277	

Charles	Guerilla Tactics to Keep Yourself Healthy at Home, at Work and in the World		
Johnson, B. K.	Optics and Optical Instruments	Dover, 1960. ISBN 978-0486606422	
Johnson, Steven	The Ghost Map		a meticulously researched book about the 1854 London cholera outbreak
Judson, Horace Freel	The Eighth Day of Creation		
Judson, Olivia	Dr. Tatiana's Sex Advice to All Creation		
Justice, Blair.	Who Gets Sick – How Beliefs, Moods and Thoughts Affect Your Health,	Park Printing; ISBN 0960537678	
Kakalios, James	The Physics of Superheroes	Gotham, 2009. ISBN 1592405088	
Kamkwambe, William	The Boy Who Harnessed the Wind		about a boy from Malawi who teaches himself and then builds a wind turbine to bring electricity and irrigation to his family and village
Kaplan, Michael & Kaplan, Ellen	Chances Are... Adventures in Probability	Viking, 2006. ISBN 0670034878	
Karukstis, Kerry K. & Hecke, Gerald R. Van	Chemistry Connections: The Chemical Basis of Everyday Phenomena (2nd Ed)		
Kasper, Joseph E. & Feller, Steven A.	The Complete Book of Holograms: How They Work and How to Make Them	Dover Publications, 2001. ISBN 978-0486415802	
Kean, Sam	The Disappearing Spoon: And Other True Tales of Madness, Love, and the History of the World from the Periodic Table of the Elements	Little, Brown & Co. 2010, ISBN 978-0316-05164-4	
Kehret, Peg	Small Steps: The Year I Got Polio	2006, ISBN 0807574597	
Kenneth R. Miller - the co-author of a popular Biology text (Evolution and the Battle for America's Soul)	*Only a Theory*		
Kerrod, Robin	Get a Grip on Astronomy	Barnes & Noble Books, 2003.	
Keys, Daniel	Flowers for Algernon	Bantam Books, New York 1966. ISBN 0-553-27450-3	
Kluger, Richard	Ashes to Ashes: America's Hundred-Year Cigarette War, the Public Health, and the Unabashed Triumph of Philip Morris	First Vintage Books, 1997. ISBN 0-394-57076-6	
Kozima, Hideo	The Science of the Cold Fusion Phenomena: In Search of the Physics and Chemistry behind Complex Experimental Data Sets	Elsevier Science, 2006. ISBN 978-0080451107	
Krakauer, Jon	Into Thin Air: A Personal Account of the Mount Everest Disaster		
Krauss, Lawrence M.	Fear of Physics: A Guide for the Perplexed	Perseus Books, 1993. ISBN 0-465-02367-3	
Krauss, Lawrence M.	The Physics of Star Trek	Basic Books, 2007. ISBN 978-0465002047	

Kuhn, Thomas S.	The Structure of Scientific Revolutions	Books LLC, 2009. ISBN 978-1443255448	
Kurlansky, Mark	Cod		
Kurlansky, Mark	Salt: A World History		
Lane, Nick	Life Ascending		
Lane, Nick	Oxygen: The molecule that made the world		
Lane, Nick	Power, Sex, Suicide		Aventis Prize Finalist 2006
Larson, Erik & Cline, Isaac Monroe	Isaac's Storm: A Man, a Time, and the Deadliest Hurricane in History		
Larson, Gary	A Hair in my Dirt		
Le Couteur, Penny	Napoleon's Buttons: How 17 Molecules Changed History		The author has retold history from the perspective of 17 groups of molecules and how important they were in the formation of civilization. ... start with the simple alloys (bronze) and gold and you can quickly appreciate the importance of some raw materials. It is when you add the influence of salt supplies, dyes, synthetic rubber, etc. that the stories become very interesting ... The chapter on drugs does a great job of looking at the similarity of chemical structures and how small changes can result in quite different properties.
Lee, Laura	100 Most Dangerous Things in Everyday Life and What You Can Do About Them	Random House, 2004. ISBN 0-7679-1716-2	
Leighton, Ralph	Tuva or Bust!	1991 ISBN 0-393-32069-3	About the author and his friend Richard Feynman's attempt to travel to Tuva.
Leopold, Aldo	A Sand County Almanac	Ballantine Books, 1990. ASIN B001HZJCL0	a classic often cited even today.
Levy, David	Impact Jupiter: The Crash of Comet Shoemaker		
Lewis, Arthur	The Struggle Between Science and Superstition	Nabu Press, 2010. ISBN 978-1149555903	
Lightman, Alan	Einstein's Dreams	Random House, 1992. ISBN 0-446-67011-1	presents some ideas about time that most students will not have considered
Lightman, Alan	The Discoveries: Great Break-throughs in 20th-Century Science		
Lindley, David	Degrees Kelvin		
London, Oscar.	Kill as Few Patients as Possible.	Ten Speed Press; 10th edition (May 1987) ISBN: 089815197X	
Lorentz, H. A.	The Einstein Theory of Relativity	General Books LLC, 2010. ISBN 978-1770450387	
Lorenz, Konrad	Behind the Mirror: A Search for a Natural History of Human Knowledge	1973	
Lorenz, Konrad	Civilized Man's Eight Deadly Sins	1974	
Lorenz, Konrad	Evolution and Modification of Behaviour	1965	
Lorenz, Konrad	King Solomon's Ring	1949	
Lorenz, Konrad	Man Meets Dog	1950	
Lorenz, Konrad	On Aggression	1966	
Lorenz, Konrad	Studies in Animal and Human Behavior, Volume I	1970	

Lorenz, Konrad	Studies in Animal and Human Behavior, Volume II	1971	
Lorenz, Konrad	The Foundations of Ethology	1982	
Lorenz, Konrad	The Year of the Greylag Goose	1979	
Lorenz, Konrad with Leyhausen, Paul	Motivation of Human and Animal Behavior: An Ethological View	D. Van Nostrand Co., 1973. ISBN 0-442-24886-5	
Lorenz, Konrad with Martys, Michael & Tipler, Angelika	Here Am I - Where Are You? - The Behavior of the Greylag Goose	1988. ISBN 0151400563	
Louv, Richard	The Last Child in the Woods		Long but provocative
Louw, G.N. & Seely, M.K.	Ecology of Desert Organisms		A slim volume describing different strategies for surviving in the desert. Good for kids who like reptiles. It does include other animals and plants and provides simple graphs and photos.
Maas, James B.	Power Sleep	HarperCollins, ISBN 0-06- 097760-4	
Macdonald, Anne	Feminine Ingenuity: How Women Inventors Changed America	Random House, 1992. ISBN 0-345-38314-1	
Macinnis, Peter	Poisons		
Mahoney, David, and Restak, Richard,	The Longevity Strategy,	John Wiley and Sons, Inc, 1998, ISBN: 0-471-24867-3.	
Mann, Charles C.	1491: New Revelations of the Americas Before Columbus		
Manning, Greg.	Love, Greg and Lauren.	Bantam Doubleday Dell Pub (Trd Pap); Updated edition (August 13, 2002) ISBN: 055338189X	
Maples, William R. & Browning Michael	Dead Men Do Tell Tales		Great for a unit on anatomy or forensic science.
March, Robert	Physics for Poets	McGraw-Hill, 2002. ISBN 978-0072472172	
Margulis, Lynn	What is Life		National Medal of Science, 1999
Masoff, Joy	Oh, Yuck--the Encyclopedia of Everything Nasty	Workman Publishing Co., 2000. ISBN 07611-0771-1	
Matthews Andrew,	Follow Your Heart,	Price Stern Sloan, ISBN 0843174919	
Mayr, Ernst	What Evolution Is		Crafoord Prize, 1999
McGrayne, Sharon	Prometheans in the Lab		Vignettes from the history of chemistry.
McPhee, John	Annals of the Former World		
McPhee, John	Pine Barrens		
Mehren, Elizabeth,	Born Too Soon,	Kensington Publishing Corp. ISBN 1575663155.	
Michael Browning, Michael & Maples, William R.	Dead Men Don't Tell Tales: The Strange and Fascinating Cases of a Forensic Anthropologist		
Michels, Dia & Levy, Nathan	101 Things Everyone Should Know About Science	Science, Naturally, 2009. ISBN 978-0-9678020-5-3	

Michener, James	Alaska		
Miller, Jonathan & Loon, Borin Van	Darwin for Beginners		
Miller, Kenneth	Finding Darwin's God		
Mitchinson, John	The Book of Animal Ignorance : Everything You Think You Know Is Wrong	Crown, 2008. ISBN 978-0307394934	
Mlodinow, Leonard	Feynman's Rainbow: A Search for Beauty in Physics and in Life	Warner Books, 2003. ISBN 0-446-53045-X	A great story about Feynman at Caltech
Mlodinow, Leonard	The Drunkard's Walk: How Randomness Rules Our Lives	Vintage, 2009. ISBN 978-0307275172	
Monmonier, Mark	Air Apparent		
Montross, Christine	Body of Work: Meditations on Mortality from the Human Anatomy Lab	2007, ISBN 1594201250	
Moore, Alma Chesnut	The Grasses		
Morowitz, Harold	Mayonnaise and the Origin of Life: Thoughts of Minds and Molecules		
Morowitz, Harold	Thermodynamics of Pizza		
Morris, Richard	The Edges of Science: Crossing the Boundary from Physics to Metaphysics	Prentice Hall, 1992. ISBN 978-0671767464	
Morton, Alexandra	Listening to Whales: What the Orcas Have Taught Us	Ballantine Books, 2004. ISBN 978-0345442888	really amazing story!
Muir, John	Travels in Alaska		
Muller, Richard A.	Physics for Future Presidents: The Science Behind The Headlines	W. W. Norton & Co., 2009. ISBN 978-0393337112	can be used as a text book but is very readable
Murray, Raymond Leroy & Menke, Kristin L.	Understanding Radioactive Waste	Battelle Press, 2003. ISBN 978-1574771350	
Nagami, Pamela	The Woman with a Worm in her Head: and other True Stories	2002. ISBN: 0312306016	
Noble, Iris	Contemporary Women Scientists of America	Messner, 1979. ISBN 0671329200	
Parker, Steve	The Human Body Book	Dorling Kindersley, 2007. ISBN 9781405316255	
Parkinson, Claire	Earth from Above		
Parsons, Paul (ed)	30-Second Theories: The 50 most thought-provoking theories in science, each explained in half a minute	Sterling Publishing, 2009. ISBN 9781435109568	
Peat, F. David	Blackfoot Physics: A Journey Into the Native American Universe	2005. ISBN 1-57863-371-0	
Petroski, Henry	Pushing the Limits: New Adventures in Engineering	Vintage, 2005. ISBN 978-1400032945	
Petroski, Henry	To Engineer is Human: The Role of Failure in Successful Design	Vintage, 1992. ISBN 978-0679734161	
Pickover, Clifford A.	Strange Brains and Genius : The Secret Lives Of Eccentric Scientists And Madmen	HarperCollins, 1999. ISBN 0-688-16894-9	about all the strange scientists who came up with some extraordinary ideas, definitely begs the question If they had been medicated, would they have made

			their discoveries? (Likely not!)
Pigliucci, Massimo	Nonsense on Stilts : How to Tell Science from Bunk	U Chicago Press, 2010. ISBN 978-0226667867	includes frequent references to intelligent design and climate change critics
Pinker, Stephen	Blank Slate		Pulitzer and Aventis Prize Finalist 2003
Plait, Philip C.	Bad Astronomy: Misconceptions and Misuses Revealed, from Astrology to the Moon Landing "Hoax"		
Pollan, Michael	In Defense of Food		a great study of the Western diseases (Type II Diabetes, heart disease, etc.) and their causes. Warning: This book will make you change how you look at food, but in a good way. Everyone should read this book.
Pollan, Michael	The Botany of Desire		the evolution of plants with human help. The chapter on apples alone is worth the price of the book.
Postman, Neil	Technopoly: The Surrender of Culture to Technology	Vintage, 1993. ISBN 978-0679745402	
Preston, Diana	Before the Fallout: From Marie Curie to Hiroshima	Walker & Co., 2005. ISBN 9780802714459	
Preston, Richard	The Demon in the Freezer		
Preston, Richard	The Hot Zone		
Price, George MacCready	Q.E.D. or New Light on the Doctrine of Creation	Qontro, 2010. ASIN: B003YJES84	
Prothero, Donald R.	Evolution: What the Fossils Say and Why It Matters		
Quammen, David	Best American Science and Nature Writing 2000 (ed.)	2000.	
Quammen, David	Blood Line: Stories of Fathers and Sons1	1988	
Quammen, David	Monster of God: The Man-Eating Predator in the Jungles of History and the Mind	; W.W. Norton and Co., 2003. ISBN 0-393-32609-8	
Quammen, David	Natural Acts: A Sidelong View of Science and Nature	Avon Books reprint 1996. ISBN 0-380-71738-7	has a classic essay on the importance of mosquitoes in preserving wild places, entitled "Sympathy for the Devil."
Quammen, David	The Boilerplate Rhino: Nature in the Eye of the Beholder;	Scribner, 2001. ISBN 0-7432-0032-2	
Quammen, David	The Flight of the Iguana: A Sidelong View of Science and Nature	Scribner, 1988. ISBN 0-684-83626-2	
Quammen, David	The Reluctant Mr. Darwin: An Intimate Portrait of Charles Darwin and the Making of His Theory of Evolution (Great Discoveries)	2006, W. W. Norton. ISBN 0-393-05981-2	An interesting account of Darwin's personal life and struggles to finish Origin of the Species.
Quammen, David	The Song of the Dodo: Island Biogeography in an Age of Extinctions	Scribner, 1996 (reprinted 1997). ISBN 0-684-82712-3	
Quammen, David	The Soul of Viktor Tronko	1987.	
Quammen, David	The Zolta Configuration	1983.	
Quammen, David	To Walk the Line	1970.	
Quammen, David	Walking Out	1980.	
Quammen, David	Wild Thoughts From Wild Places	Scribner, 1999. ISBN 0-684-85208-X	
Raymo, Chet	Walking Zero : Discovering Cosmic Space and Time Along the PRIME MERIDIAN		Science history along the Prime Meridian

Reed, Evelyn	Sexism and Science	Pathfinder Press, 1978. ISBN 978-0873485418	
Revees-Stevens, Judith	Icefire		
Reynolds, Albert B.	Bluebells and Nuclear Energy	Medical Physics Pub Corp., 1996. ISBN 9780944838631	
Ridley, Matt	Genome		Aventis Prize Finalist, 2000
Ridley, Matt	The Red Queen		
Riesman, Michael	Gravity Keeper	Dutton Children's Books, 2008. ISBN 9780-525- 47922-2	
Roach, Mary	Packing for Mars: The Curious Science of Live in the Void	W. W. Norton & Co., 2010. ISBN 978-0393068474	
Roach, Mary	Stiff		About cadavers
Roach, Mary	The Curious Lives of Human Cadavers		
Roberts, Royston	Serendipity: Accidental Discoveries in Science (great book)		
Robinson, Kim Stanley	A Martian Childhood		These books blend science with sociology, economics, etc. I have been impressed that the science in these books is really solid.
Robinson, Kim Stanley	A Transect		
Robinson, Kim Stanley	Down and Out in the Year 2000		
Robinson, Kim Stanley	Festival Night		
Robinson, Kim Stanley	On the North Pole of Pluto		
Robinson, Kim Stanley	Our Town		
Robinson, Kim Stanley	The Blind Geometer		
Robinson, Kim Stanley	The Lunatics		
Robinson, Kim Stanley	The Memorial		
Robinson, Kim Stanley	The Return from Rainbow Bridge		
Robinson, Kim Stanley	To Leave a Mark		
Robinson, Kim Stanley	Whose 'Failure of Scholarship'?		
Robinson, Kim Stanley	Zürich		
Rosenblum, Bruce	Quantum Enigma	OUP, 2008. ISBN 978- 0195342505	
Russell, Franklin	Watchers at the Pond		
Rutherford, F. James	Science For All Americans: Project 2061	OUP, 1991. ISBN 978- 0195067712	
Rybczynski, Witold	One Good Turn: A Natural History of the Screwdriver and the Screw	Scribner, 2001. ISBN 978- 0684867304	
Sabbagh, Karl	A Rum Affair: A True Story of Botanical Fraud	Da Capo Press, 2001.	
Sachs, Jessica Snyder	Good Germs, Bad Germs		
Sacks, Oliver	Uncle Tungsten: Memories of a Chemical Boyhood		
Sagan, Carl	Broca's Brain: Reflections on the Romance of Science	Ballantine Books, 1979, ISBN 0-345-33689-5	

Sagan, Carl	Communication with Extraterrestrial Intelligence	MIT Press, 1973	
Sagan, Carl	Contact	Doubleday Books, 1997. ISBN 1-56865-424-3	
Sagan, Carl	Cosmos	Random House New Edition, 2002. ISBN 0-375- 50832-5	
Sagan, Carl	Other Worlds	Bantam Books, 1975	
Sagan, Carl	Pale Blue Dot: A Vision of the Human Future in Space	Random House, 1994, ISBN 0-679-43841-6	
Sagan, Carl	The Demon-Haunted World: Science as a Candle in the Dark	Ballantine Books, March 1996, ISBN 0-345-40946-9	
Sagan, Carl	The Dragons of Eden: Speculations on the Evolution of Human Intelligence	Ballantine Books, 1978, ISBN 0-345-34629-7	
Sagan, Carl & Agel, Jerome	Cosmic Connection: An Extraterrestrial Perspective	Anchor Press, 1973, ISBN 0-521-78303-8	
Sagan, Carl & Druyan, Ann	Billions and Billions: Thoughts on Life and Death at the Brink of the Millennium	Ballantine Books, 1997, ISBN 0-345-37918-7	
Sagan, Carl & Druyan, Ann	Comet	Ballantine Books, 1985, ISBN 0-345-41222-2	
Sagan, Carl & Druyan, Ann	Shadows of Forgotten Ancestors: A Search for Who We Are	Ballantine Books, October 1993, ISBN 0-345-38472-5	
Sagan, Carl & Page, Thornton	UFOs: A Scientific Debate	Cornell University Press, 1972	
Sagan, Carl & Shklovskii, I.S.	Intelligent Life in the Universe	Random House, 1966	
Sagan, Carl & Turco, Richard	A Path Where No Man Thought: Nuclear Winter and the End of the Arms Race	Random House, 1990, ISBN 0-394-58307-8	
Sagan, Carl et al	Murmurs of Earth: The Voyager Interstellar Record	Ballantine Books, 1979. ISBN 978-0345283962	
Sagan, Carl et al	The Cold and the Dark: The World after Nuclear War	Sidgwick & Jackson, 1985	
Sagan, Carl; Druyan, Ann (ed)	The Varieties of Scientific Experience: A Personal View of the Search for God - 1985 Gifford lectures	Penguin Press HC, 2006, ISBN 1-59420-107-2	
Salisbury, Gay; Salisbury, Laney	The Cruellest Miles	W. W. Norton & Co., 2005, ISBN 0393325709	
Sayre, Anne	Rosalind Franklin and DNA	W. W. Norton & Co. Inc, New York, 1975. ISBN 0- 393-32044-8	
Scherer, Stewart	Short Guide to the Human Genome	Cold Spring Harbor Laboratory Press, 2008. ISBN 9780-87969-791-4	
Schlager, Neil	Science of Everyday Things : Real Life Biology	Gale, 2002. ISBN 978- 0787656348	
Schmidt-Nielson, Knut	The Camel's Nose: Memoirs of a Curious Scientist		
Schneider, Andrew &	An Air That Kills: How the Asbestos Poisoning of Libby,	New York: G.P. Putnam's	Fascinating story. Compelling characters (good guys and bad guys). True and

McCumber, David	Montana Uncovered a National Scandal	Sons, 2004. ISBN 0-399-15095-1	horrible. I read it with a freshman college non-majors biology class and they loved it
Schneider, Norman Hugh	Induction Coils: How to Make, Use, and Repair Them	Nabu Press, 2010. ISBN 978-1144952585	
Schrodinger, Erwin	What is Life		Nobel Prize Winner, 1933
Schwarcz, Joe	An Apple A Day: The Myths, Misconceptions and Truths About the Foods We Eat	2007, ISBN 978-0-00-200764-1	
Schwarcz, Joe	Brain Fuel: 199 Mind-Expanding Inquiries into the Science of Everyday Life	2008, ISBN 978-0385666022	
Schwarcz, Joe	Hungary: where salami is a vegetable."	2000, ISBN 1-55025-698-3)	
Schwarcz, Joe	Let Them Eat Flax: 70 All-New Commentaries on the Science of Everyday Food & Life	2005, ISBN 1-55022-698-3	
Schwarcz, Joe	Radar, Hula Hoops, and Playful Pigs: 67 Digestible Commentaries on the Fascinating Chemistry of Everyday Life	2001, ISBN 0-8050-7407-4	
Schwarcz, Joe	Science, Sense & Nonsense	2009, ISBN 978-0385666046	
Schwarcz, Joe	That's the Way the Cookie Crumbles: 62 All-New Commentaries on the Fascinating Chemistry of Everyday Life	2004, ISBN 1-55022-520-0	
Schwarcz, Joe	The Fly in the Ointment: 70 Fascinating Commentaries on the Science of Everyday Life	2004, ISBN 1-55022-621-5	
Schwarcz, Joe	The Genie in the Bottle: 68 All New Commentaries on the Fascinating Chemistry of Everyday Life	2001, ISBN 1-55022-442-5	
Schwartz, Joseph & McGuinness, Michael	Einstein for Beginners	Pantheon Books, 2003. ISBN 9780375714597	
Sebban, Anne	Mother Teresa, Beyond the Image.	Doubleday, ISBN 0385493568	
Sell, Colleen	A Cup of Comfort for Nurses: Stories of Caring And Compassion	2006, ISBN 1593375425	
Shames, Laurence & Barton, Peter	Not Fade Away	2004. ISBN 006073731X	
Sharp, Claire (ed)	A Decade of Discovery	U.S. Department of Energy, 2008.	This remarkable book illustrates how the men and women of the National Laboratories are keeping USA on the cutting edge.
Shermer, Michael	Why People Believe Weird Things: Pseudoscience, Superstition, and Other Confusions of Our Time	Henry Holt, 2002. ISBN 0-8050-7089-3	all about how easily people can be fooled and includes arguments made against evolution and the holocaust and how they are similar
Shubin, Neil	Your Inner Fish: A Journey into the 3.5-Billion-Year History of the Human Body		a great study of the origins of our body parts. Great for those students that want to argue evolution. This puts evolution in a whole new light.
Silverstein, Ken	The Radioactive Boy Scout		
Singh, Simon	Big Bang: The most important scientific discovery of all time and why you need to know about it	Fourth Estate, 2004.	
Singh, Simon	Big Bang: The Origin of the Universe	Harper Perennial, 2005. ISBN 9780007162215	

Skloot, Rebecca	The Immortal Life of Henrietta Lacks		
Smith, Walter Fox	Waves and Oscillations : A Prelude to Quantum Mechanics	OUP, 2010. ISBN 978-0195393491	
Sobel, Dava	Galileo's Daughter		
Sobel, Dava	Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time		The PBS movie of this was outstanding.
Society of Petroleum Engineers	Oil and Natural Gas	Society of Petroleum Engineers, 2007.	
Solomon, Susan	The Coldest March		
Standage, Tom	The Neptune Files: A Story of Astronomical Rivalry and the Pioneers of Planet Hunting	Berkley Trade Books, 2001. ISBN 978-0425181737	
Standiford, Les	Last Train to Paradise		
Stegner, Wallace	Beyond the Hundreth Meridian: John Wesley Powell and the Second Opening of the West	Penguin Books, 1954. ISBN 01-401-5994-0	
Stephens, Trent	Dark Remedy		
Stewart, Ian	Another Fine Math You've Got Me Into...		
Stiff, Gabrielle	Snowball Earth: The Story of the Great Global Catastrophe that Spawned Life as We Know It		
Strathern, Paul	Mendeleev's Dream		
Suzuki, David	The Sacred Balance		Member of the Order of Canada
Sykes, Bryan	Seven Daughters of Eve		
Synderman, Nancy L., MD.	Necessary Journeys.	Hyperion: ISBN 0786884320	
Thomas, Lewis	The Lives of a Cell		
Thomas, Lewis	The Medusa and the Snail		
Thorpe, T.E.	Humphry Davy, Poet and Philosopher		
Tompkins, Peter & Bird, Christopher	<u>The Secret Life of Plants</u>	Harper & Row Publishers, New York, 1973. ISBN 0-06-091587-0	
Trefil, James	101 Things You Don't Know About Science and No One Else Does Either		
Tucker, Tommy N.	Bolt of Fate: Benjamin Franklin and His Electric Kite Hoax	Perseus Books, 2003. ISBN 1-891620-70-3	very interesting, a little slow
Tucker, William	Terrestrial Energy: How Nuclear Power Will Lead the Green Revolution and End America's Energy Odyssey	Bartleby Press, 2008. ISBN 978-0910155762	
Tyson, Neil Degrasse	The Pluto Files: The Rise and Fall of America's Favorite Planet		covers the controversy of the placement of pluto where it belongs with the other icy objects, why Americans seemed to have such a hard time with the placement, letters he received from children, and adults etc. Nice read by a very funny, down to earth astro physicist. many of my students have gone on to read other books he has written due to the readability, and we try to throw some of his lectures from youtube up off and on also at times. My students seem to really respond well to him.

U.S. Atomic Energy Commission	The First Reactor	U Michigan Library, 1968. ASIN B003HGGHOW	
Underhill, Paco	Why We Buy: The Science of Shopping		
Underhill, Paco	Why We Buy: The Science of Shopping		
Verghese, Abraham.	My Own Country. A Doctor's Story.	Vintage. ISBN 0-679-75292-7.	
Verma, Surendra	The Cause of Mosquitoes' Sorrow: Beginnings, Blunders and Breakthroughs in Science	Icon, 2007. ISBN 9781840468311	
Verma, Surendra	The Little Book of Scientific Principles, Theories, & Things	Sterling, 2006. ISBN 978-1402738708	
Verma, Surendra	Why Aren't They Here? The Question of Life on Other Worlds	Totem Books, 2008. ISBN 978-1840468656	
Verne, Jules	Journey to the Center of the Earth		
Voter, Thomas (illustrator)	Everybody's Encyclopedia of Popular Science: 861 Questions – 4000 Facts Simply told - graphically shown	Popular Science Publishing Company, 1947.	
Walker, Pam & Wood, Elaine	Crime Scene Investigations : Real-Life Science Activities for the Elementary Grades		
Waltar, Alan E.	America the Powerless: Facing Our Nuclear Energy Dilemma	Medical Physics Publishing Corporation. ISBN 0944838588	
Waltar, Alan E.	Radiation and Modern Life: Fulfilling Marie Curie's Dream	Prometheus Books, 2004. ISBN 978-1591022503	
Watson, James	The Double Helix	Atheneum Publishers, New York, 1969, ISBN 0-451-62594-3	Nobel Prize winner, 1962
Weinberg, Samantha	A fish caught in time		On evolution, adventure
Weiner, Jonathan	The Beak of the Finch		Pulitzer Prize 1995, L A Times Book Prize, 1994. Can be a bit deep from time to time but interesting
Weisman, Alan	The World Without Us		
Weller, Tom	Science Made Stupid		It's an absolutely hilarious parody of science and science methods
Wells, Spencer	The Journey of Man		Students love, but do not find it quite as readable
White and Cunningham,	Ryan White: My Own Story,	Signet, ISBN 0451173228	
White, T.H.	The Once and Future King		an early chapter focused on the education of young Wart by Merlin.... be a fish ... And the advice about how to handle sadness, life's misfortunes - learn something – priceless
Widmaier, Eric P.	Why Geese Don't Get Obese (And We Do): How Evolution's Strategies for Survival Affect Our Everyday Lives	W. H. Freeman, 1999. ISBN 978-0716736493	
Wiese, Jim	Detective Science: 40 Crime-Solving, Case-Breaking, Crook-Catching Activities for Kids		
Wiese, Jim & Shems, Ed	Spy Science : 40 Secret-Sleuthing, Code-Cracking, Spy-Catching Activities for Kids		
Williams, Donna.	Nobody Nowhere: The Extraordinary Autobiography of an	Avon Books. ISBN	

	Autistic.	0380722178.	
Wilson, Edward O.	<u>Consilience: The Unity of Knowledge</u>	Random House, Inc. 1998. ISBN 0-679-76867-X	Kind of deep, but good for advanced students.
Wilson, Edward O.	The Diversity of life		1991, Crafoord Prize, 1990
Wilson, Edward O.	The Future of Life		Double Pulitzer Prize Winner 1979,
Winchester, Simon	A Crack in the Edge of the World: America and the Great California Earthquake of 1906		
Winchester, Simon	Krakatoa: The Day the World Exploded: August 27, 1883		
Winchester, Simon	The Map that Changed the World		
Wright, Ronal	A Short History of Progress		
Wynn, Charles M. & Wiggins, Arthur W.	The Five Biggest Ideas in Science	Wiley, 1996. ISBN 978-0471138129	
Zimmer, Carl	At the Water's Edge		
Zimmer, Carl	Evolution: The Triumph of an Idea		
Zimmer, Carl	Microcosm: E. coli and the New Science of Life		L.A.Times Book Prize Finalist, 2008
Zimmer, Carl	Parasite Rex		
Zimmerman, Barry & Zimmerman, David	Killer Germs		
Zonya Foco, Zonya & Moss, Stephen	Water With Lemon: An Inspiring Story of Diet-free, Guilt-free Weight Loss!	2007, ISBN 1890926108	
Zukav, Gary	The Dancing Wu Li Masters	William Morrow, 1979. ISBN 0-688-03402-0	a great conceptual look at quantum physics, where it came from and where it is going, amazing book