

Suggested reading from Ms. Bonnie Hohenshilt, Librarian, Dwight D. Eisenhower Middle School, Freehold, NJ. TAF thanks her for sharing this wonderful list. Happy reading!

## **Biographies**

Nardo, Don	<i>Tycho Brahe: Pioneer of Astronomy</i>
Pasachoff, Naomi E.	<i>Niels Bohr: Physicist and Humanitarian</i>
Schraff, Anne E.	<i>Dr. Charles Drew: Blood Bank Innovator</i>
Shell, Barry	<i>Sensational Scientists</i>
Sherman, Josepha	<i>Charles Babbage and the Story of the First Computer</i>
Sobel, Dava	<i>Longitude: The True Story of a Lone Genius Who Solved the Greatest Problem of His Time</i> (also available as an audio book)
Steele, Philip	<i>World History Biographies: Galileo: The Genius Who Faced the Inquisition</i>
Tracy, Kathleen	<i>Robert Koch and the Study of Anthrax</i>
Zannos, Susan	<i>Michael Faraday and the Discovery of Electromagnetism</i>

## **Biology**

Collier, James	<i>Vaccines</i>
DiConsiglio, John	<i>When Birds Get Flu and Cows Go Mad</i>
Goldsmith, Connie	<i>Superbugs Strike Back: When Antibiotics Fail</i>
Kramer, Stephen	<i>Hidden Worlds: Looking Through a Scientist's Microscope</i>
Murphy, Jim	<i>Plants on the Trail with Lewis and Clark</i>
Sayre, April Pulley	<i>Secrets of Sound: Studying the Calls and Songs of Whales, Elephants and Birds</i>
Sis, Peter	<i>The Tree of Life: Charles Darwin</i>
Walker, Richard & Doherty, Peter C.	<i>Microscopic Life</i>

## Careers in Science

Balbes, Lisa M.	<i>Nontraditional Careers for Chemists: New Formulas in Chemistry</i>
Darwin, Charles	<i>The Origin of Species</i> (also available as an audio book)
Ferguson Publishing	<i>Animals: Discovering Careers for Your Future</i> <i>Construction: Discovering Careers for Your Future</i> <i>Environment: Discovering Careers for Your Future</i> <i>Science: Discovering Careers for Your Future</i> <i>Space Exploration: Discovering Careers for Your Future</i>
Goodall, Jane	<i>My Life with the Chimpanzees</i>
Gould, Stephen Jay	<i>Ever Since Darwin: Reflections on Natural History</i>
Karnes, Frances & Stephens, Kristen	<i>Young Women of Achievement: A Resource for Girls in Science, Math and Technology</i>
Patent, Dorothy Hinshaw	<i>Clark</i>
Reeves, Karlitz and Prokos	<i>Career Ideas for Teens in Health Science</i>
Watson, James D. & Barry, Andrew	<i>DNA: The Secret of Life</i>

## Chemistry

Cottrell, William H.	<i>The Book of Fire</i>
Emsley, John	<i>Molecules at an Exhibition: Portraits of Intriguing Materials in Everyday Life</i>
Finkelstein, Norman H.	<i>Plastics</i>
Wiker, Benjamin	<i>The Mystery of the Periodic Table</i>

## Earth and Space

Apt, Jay & Helfert, Michael	<i>Orbit: NASA Astronauts Photograph Earth</i>
Aczel, Amir D.	<i>The Riddle of the Compass: The Invention that Changed the World</i> (also available as an audio book)
Collier, Michael	<i>Over the Mountains</i>
Dingus, Lowell & Coria, Rodolfo	<i>Dinosaur Eggs Discovered: Unscrambling the Clues</i>
Grace, Catherine O'Neill	<i>Forces of Nature: The Awesome Power of Volcanoes, Earthquakes, and Tornadoes</i>
Koppes, Steven N.	<i>Killer Rocks from Outer Space: Asteroids, Comets and Meteors</i>
Lindop, Laurie	<i>Cave Sleuths: Solving Science Underground</i> <i>Probing Volcanoes</i>
Matsen, Bradford	<i>The Incredible Record-Setting Deep Sea Dive of the Bathysphere</i>
Miller, Ron	<i>Rockets</i>

## Environmental Science

Arno, Stephen F. & Bunnell, Allison	<i>Flames in Our Forest, a Disaster or Renewal?</i>
Bastedo, Jamie	<i>Falling for Snow</i>
Burns, Loree Griffin	<i>Tracking Trash: Flotsam, Jetsam, and the Science of Ocean Motion</i>
Gore, Al	<i>An Inconvenient Truth</i>
Fridell, Ron	<i>Amphibians in Danger: A Worldwide Warning</i>
Preston, Richard	<i>The Wild Trees: A Story of Passion and Daring</i>
Wilson, Edward O.	<i>The Diversity of Life</i>

## Medical Science

Collier, James	<i>Vaccines</i>
DiConsiglio, John	<i>When Birds Get Flu and Cows Go Mad</i>
Goldsmith, Connie	<i>Superbugs Strike Back: When Antibiotics Fail</i>
McClennan, Marilyn	<i>Organ and Tissue Transplants: Medical Miracles and Challenges</i>
Murphy, Jim	<i>An American Plague: The True and Terrifying Story of the Yellow Fever Epidemic of 1793 (also available as an audio book)</i>
Willet, Edward	<i>Ebola Virus</i>

## Methods and Mystery in Science

Dreifus, Claudia	<i>Scientific Conversations: Interviews on Science from The New York Times</i>
Halon, Michael	<i>Ten Questions Science Can't Answer (Yet!): A Guide to Science's Greatest Mysteries</i>
Johnson, George	<i>The Ten Most Beautiful Experiments</i>
LeVay, Simon	<i>When Science Goes Wrong</i>
Platt, Richard	<i>Forensics</i>
Pickover, Clifford	<i>Archimedes to Hawking: The Laws of Science and Great Minds Behind Them</i>
Quinlan, Susan E.	<i>The Case of the Mummified Pigs</i>  <i>The Case of Monkeys that Fell from the Trees and Other Mysteries from Tropical Nature</i>

## Physics

Bodanis, David	<i>E=mc<sup>2</sup>: A Biography of the World's Most Famous Equation</i>
Capra, Fritof	<i>The Tao of Physics: An Exploration of the Parallels Between Modern Physics and Eastern Mysticism</i>
Greene, Brian	<i>The Elegant Universe: Superstrings, Hidden Dimensions and the Quest for the Ultimate Theory</i>  <i>Icarus at the Edge of Time</i>
Hawkins, Stephen	<i>The Illustrated A Brief History of Time and The Universe in a Nutshell</i>
Kakalios, James	The Physics of Superheroes
Lloyd, Seth	<i>Programming the Universe: A Quantum Computer Scientist Takes on the Cosmos</i>
Parker, Barry	<i>The Isaac Newton School of Driving: Physics and Your Car</i>
Sullivan, George	<i>Built to Last</i>
Thomas, Keltie	<i>How Basketball Works</i>

## Technology

Bodanis, David	<i>Electric Universe: How Electricity Switched on the Modern World</i> (also available as an audio book)
Henderson, Harry	<i>Communications and Broadcasting: From Wired Words to Wireless Web</i>
Maeda, John	<i>The Laws of Simplicity</i>
Rudy, Lisa Jo	<i>Eyes in the Sky: Satellite Spies Are Watching You!</i>

## For Your Science Book Club

Hawkins, Stephen & Mlodinow

*A Briefer History of Time* (also available as an audio book)

Lauber, Patricia

*Volcano: The Eruption and Healing of Mount St. Helens*

Osborn, Elinor

*Project Ultraswan*

Revkin, Andrew

*The North Pole Was Here*

Sobel, Dava

*The Planets* (also available as an audio book)