

Science

Non-fiction

Sloan, Christopher. [*Baby Mammoth Mummy: Frozen in Time!: a Prehistoric Animal's Journey into the 21st Century*](#)

Grades 5-8

Deem, James M. [*Faces from the Past: Forgotten People of North America*](#)

Grades 5-12

Burns, Loree Griffin. [*The Hive Detectives: Chronicle of a Honey Bee Catastrophe*](#)

Grades 6-12

Collier, Michael. [*Over the Coasts*](#)

Grades 6-12

Jarrow, Gail. [*Red Madness: How a Medical Mystery changed What We Eat*](#)

Grades 6-12

Walker, Sally M. [*Their Skeletons Speak: Kennewick Man and the Paleoamerican World*](#)

Grades 8-12

Carter, Rita. [*The Human Brain Book*](#)

Grades 9-12

De Villiers, Marq. [*Windswept: the Story of Wind and Weather*](#)

Grades 9-12

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*](#)

Grades 9-12

Roberts, Alice M. [*The Complete Human Body: the Definitive Visual Guide*](#)

Grades 9-12

Chamovitz, Daniel. [*What a Plant Knows: a Field Guide to the Senses*](#)

Grades 10-12

Chivian, Eric. [*Sustaining Life: How Human Health Depends on Biodiversity*](#)

Grades 10-12

Kaku, Michio. [*Physics of the Future: How Science Will Shape Human Destiny and Our Daily Lives by the Year 2100*](#)

Grades 10-12

Zimmer, Carl. [*Parasite Rex: Inside the Bizarre World of Nature's Most Dangerous Creatures*](#)

Grades 10-12

Diamond, Jared M. [*Guns, Germs, and Steel: the Fates of Human Societies*](#)

Grades 11-12

Roach, Mary. [*Packing for Mars: the Curious Science of Life in the Void*](#)

Grades 11-12

Young Adult Fiction

Iwaoka, Hisae. *Saturn Apartments* (series)

Grades 4 & up

Green, John. [*An Abundance of Katherines*](#)

Grades 6 – 8

Kelly, Jacqueline. [*The Evolution of Calpurnia Tate*](#)

Grades 6 – 8

Weber, David. [*A Beautiful Friendship*](#)

Grades 6 – 9

Dashner, James. [*The Maze Runner*](#)

Grades 7 – 11

Meyer, Marissa. [*Cinder*](#)

Grades 7 & up

Anderson, Laurie Halse. [*Catalyst*](#)

Grades 9 – 12

Bacigalupi, Paolo. [*Ship Breaker*](#)

Grades 9 – 12

de la Peña, Matt. *The Living*

Grades 9 – 12

Revis, Beth. [*Across the Universe*](#)

Grades 9 – 12

Lo, Malinda. [Adaptation](#)

Grades 9 & up

Grant, Michael. [BZRK](#) (series)

Grades 10 – 12

Technology

Non-Fiction

Heos, Bridget. [Stronger Than Steel: Spider DNA and the Quest for Better Bulletproof Vests, Sutures, and Parachute Rope](#)

Grades 5-9

Sheinkin, Steve. [Bomb : the Race to Build and Steal the World's Most Dangerous Weapon](#)

Grades 6-12

Wearing, Judy. [Edison's Concrete Piano: Flying Tanks, Six-nippled Sheep, Walk-on-Water Shoes, and 12 Other Flops from Great Inventors](#)

Grades 9-12

Kamkwamba, William. [The Boy who Harnessed the Wind: Creating Currents of Electricity and Hope](#)

Grades 9-12

Magoun, Alexander B. [Television: the Life Story of a Technology](#)

Grades 9-12

Sutter, Joseph F. [747: Creating the World's First Jumbo Jet and Other Adventures from a Life in Aviation](#)

Grades 9-12

Benford, Gregory. [Beyond Human : Living with Robots and Cyborgs](#)

Grades 9-12

Stross, Randall E. [The Wizard of Menlo Park: How Thomas Alva Edison Invented the Modern World](#)

Grades 9-12

Young Adult Fiction

Van Eekhout, Greg. [The Boy at the End of the World](#)

Grades 4 – 7

Westerfeld, Scott. [Leviathan](#) (series)

Grades 6 – 8

Shen, Prudence and Faith Erin. *Nothing Can Possibly Go Wrong*
Grades 7 & up

Fisher, Catherine. [Incarceron](#)
Grades 9 – 12

Doctorow, Cory. [Little Brother](#)
Grades 10 & up

Engineering

Non-Fiction

Macaulay, David. [Built to Last](#)
Grades 5-12

Billington, David P. [Power, Speed, and Form: Engineers and the Making of the Twentieth Century](#)
Grades 9-12

Molotch, Harvey Luskin. [Where Stuff Comes From: How Toasters, Toilets, Cars, Computers, and Many Other Things Come to be as They Are](#)
Grades 9-12

Bohan, Thomas L. [Crashes and Collapses](#)
Grades 10-12

Norman, Donald A. [The Design of Everyday Things](#)
Grades 11-12

Young Adult Fiction

Farmer, Nancy. [House of the Scorpion](#)
Grades 6 – 8

Reeve, Philip. [Fever Crumb](#) (series)
Grades 7 & up

Mathematics

Non-Fiction

Bradley, Michael J. [*The Birth of Mathematics: Ancient Times to 1300*](#)
Grades 6-12

Strogatz, Steven H. [*The Joy of X: a Guided Tour of Math, From One to Infinity*](#)
Grades 6-12

McKellar, Danica. [*Kiss my Math: Showing Pre-Algebra Who's Boss*](#)
Grades 7-9

McKellar, Danica. [*Girls Get Curves: Geometry takes Shape*](#)
Grades 10-12

Johnson, Dale. [*Teach Yourself Visually Calculus*](#)
Grades 11-12

Young Adult Fiction

Green, John. [*An Abundance of Katherines*](#)
Grades 6 – 8