

Reading List for Engineering and Technology, Grades K-5

Title/Author	Description
<i>Acids and Bases (Let's Wonder About Science)</i> by J. M. Patten	What makes your toothpaste foam in your mouth? Why are lemons sour? If you are curious, then enter the world of acids and bases. This short book offers easy-to-understand and fun explanations of what makes an acid an acid and a base a base. This is an enjoyable book not only for those who love science, but also for those who find science dull and boring.
<i>Evangeline Mudd and the Golden-Haired Apes of the Ikkinasti Jungle</i> David Elliott	Evangeline Mudd's parents are primatologists. (That means they study apes for a living.) Dr. and Dr. Mudd think that Evangeline should be raised just like a golden-haired ape.
<i>Journey into the Desert</i> John Brown	This book begins with a brief description of what deserts are followed by a list of the proper gear you should take with you if you decide to go. Next, you can take a look at a map showing where this book's adventurer went in the Sonoran Desert. Spectacular photographs and information about the animal and plant life, landscape, and weather of the Sonoran are shown.
<i>Blizzard!: The Storm That Changed America</i> Jim Murphy	What would you do if you were surprised by a blizzard? <i>Blizzard!</i> tells you just what the people in the Northeast did when an unexpected blizzard came to them in 1888. Many more stories of survival and those who didn't survive are included in Murphy's book.
<i>Dive! My Adventures in the Deep Frontier</i> by Sylvia A. Earle	Marine biologist Sylvia A. Earle, using snorkel, scuba, a diving suit named Jim, deep-sea laboratories, and the <i>Deep Rover</i> submersible, takes the reader from the shallow waters of the Gulf of Mexico, to whale watching in Alaska, to more than 3000 feet in the depths of off-shore California.
<i>The Magic School Bus Inside the Earth</i> by Joanna Cole	Ms Frizzle and her class dig through the earth encountering and identifying the layers of rock they encounter before emerging in the lava of an erupting volcano.
<i>Earthquakes</i> by Seymour Simon	Simon's look at earthquakes includes enough information about the damage in San Francisco and Mexico City without sensationalizing the subject. Equal attention is given to the geologic causes and results of earthquakes as well as the effort to predict them.
<i>How to Be an Ocean Scientist in Your Own Home</i> Seymour Simon	There are twenty-four experiments and explorations with saline water in this book which can provide inspiration for many science projects.
<i>Mars</i> , by Seymour Simon	Using color photographs and information gathered by Mariner and Viking probes, Simon tells us what is known but also what is yet unknown about this more familiar planet.
<i>Neptune</i> , by Seymour Simon	Full of interesting facts about the eighth planet from the sun, this book uses photos and information gathered by Voyager 2 as it flew by in 1989.

<i>Oceans</i> , by Seymour Simon	There are over 100 billion gallons of water for each person on earth, nearly all of it churning in waves and currents driven by the sun's energy. Our ocean world is enormous, and its power affects our climate and reshapes the land. From the moon's mysterious power over the tides to deadly waves called tsunamis, explore Earth's oceans in this book awash with photographs and fascinating facts.
<i>Weather</i> , by Seymour Simon	Feel the warmth of a summer day; look at falling snow; listen to distant thunder. Weather is all around us, always changing all the time. Dazzling photos enhance this clear introduction to the many faces of this powerful force of nature.
<i>Lightning</i> , by Seymour Simon	A purple-hued cover photo attracts readers to this fascinating topic. The stunning, vibrantly colored photographs help to explain the text, illustrating points such as the differences between the three kinds of lightning.
<i>Digging Up Dinosaurs</i> , by Aliki	Do you ever wonder where dinosaurs came from and how skeletons of them were put into museums? If so, check out this book and learn all about dinosaurs and the people who work with dinosaur fossils. Aliki's illustrations are fun and show the process from fossil-hunting to putting skeletons together. A great beginning book for dinosaur lovers.
<i>The Dinosaur Who Lived in My Backyard</i> , by B.G. Hennessy	This dinosaur-loving boy describes what life was like for the dinosaur then and wishes that it were still living in his backyard today. The dinosaur would be bigger than his house, but then it would be able to rescue any kites that got stuck in the tops of trees. Hennessy mixes fact with fantasy in this fun informative book that is brought to life by Davis' bright, colorful illustrations
<i>Women in Engineering Careers</i> , by Jetty Kahn	This book describes engineering and includes biographies of five women engineers.
<i>Milton Hershey: Chocolate King, Town Builder</i> , by Charnan Simon	This biography explores the life of Milton Hershey, chocolate manufacturer and town builder.
<i>Heating and Air Conditioning Servicer</i> , by Susan Clinton	This book explores job responsibilities, required education and career development opportunities for people wanting to become a heating and air conditioning servicer
<i>I Want to be an Engineer</i> , by Stephanie Maze	This book describes the work of the various branches of engineering.
<i>Ella Fitzgerald: The Tale of a Vocal Virtuosa</i> by Andrea Davis Pinkney	Ella Fitzgerald was an orphan who began her life as a singer on the stage of the famous Apollo Theatre when she was just 17 years old
<i>Working at a TV Station</i> , by Gary W. Davis	This photo-essay book describes the various career opportunities at a television station.
