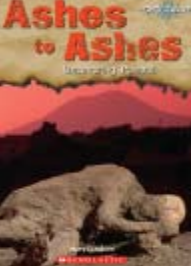


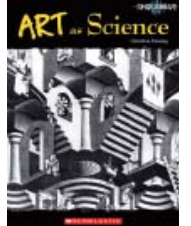
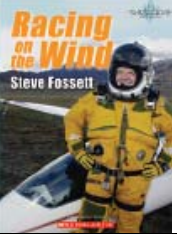

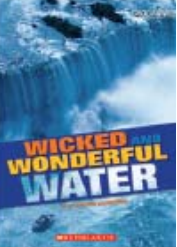
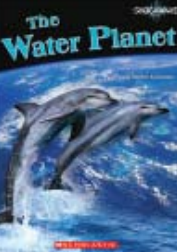
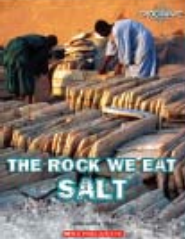
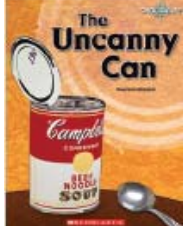





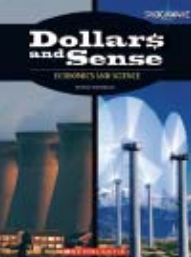
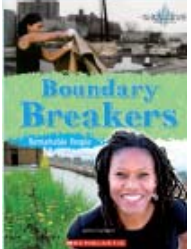

**SHOCKWAVE**

**GRADE 4/5: LIBRARY A (item # 502925)**

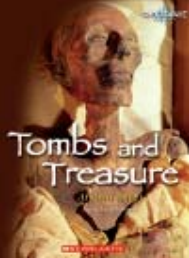



<b>Volcano Pack: 509519</b> <b>8 books: 4 of each title</b>	<b>Titles</b>	<b>Read More...</b>
	<p>Social Studies: Ashes to Ashes                      GRL: R                      LEXILE 670</p>	<p>Once a seaside resort and trading center, Pompeii was famously destroyed by the eruption of Mount Vesuvius in A.D. 79. Volcanic mud flooded nearby Herculaneum, while Stabiae was buried under about six feet of volcanic ash. The ruins and relics of these astonishingly preserved cities offer the most complete glimpse of daily life during the height of the Roman Empire. A timeline of this tragic day of death vividly re-creates the final hours of these cities. Readers are asked to consider the pros and cons of living near volcanoes.</p>
	<p>Science:                      Anatomy of a Volcano                      GRL: R                      LEXILE 690</p>	<p>Volcanology is possibly the most exciting field in geology, and it's certainly among the most dangerous. These risk-taking scientists have even been known to climb inside active volcanoes—but their research is ultimately intended to save lives. The better they are able to predict an eruption, the easier it becomes to evacuate surrounding populations.</p>
<b>Art Pack: 509521</b> <b>8 books: 4 of each title</b>	<b>Titles</b>	<b>Read More...</b>
	<p>Social Studies:                      Leonardo da Vinci                      GRL: T                      LEXILE: 690</p>	<p>In a society just beginning to emerge from superstition, Leonardo questioned everything. A pacifist, he designed impractical war machines for local princes. A vegetarian, he terrified whole towns with his dissections of dead bodies. He preferred sketches to finished paintings, yet his handful of masterpieces are among the most famous in the world. This book includes some of the fanciful drawings from his 10,000 pages of notes that survive.</p>
	<p>Science:                      Art as Science                      GRL: U                      LEXILE: 720</p>	<p>For the modern Renaissance man or woman, this book explores the different ways that art and science can be combined to do great things, including Frank Gehry's computer-designed, curvaceous buildings, M. C. Escher's tessellated art, and the use of infrared scanning and other techniques to undo the damage of clumsy earlier efforts at art restoration. This book also explains how art and science were combined in the past, from mixing pigments to building pyramids.</p>

Wind Energy Pack: 509522 8 books: 4 of each title	Titles	Read More...
	Social Studies: Racing the Wind: Steve Fossett GRL:T LEXILE: 690	A biography of the record-breaking adventure enthusiast Steve Fossett, from his Eagle Scout boyhood to his daring balloon and airplane flights around the world. In a long interview, Fossett discusses his reasons for abandoning a lucrative business career to climb mountains, swim across the English Channel, and undertake many other risky feats.
	Science: The Wind at Work GRL: R LEXILE:670	It's invisible except in effect, yet wind is one of the most powerful forces on our planet. It carried ancient mariners to mysterious new lands, and powered primitive grinding mills. Many plant species require wind in order to reproduce. Today, noisy and sprawling wind farms promise freedom from fossil fuels, though not everyone thinks they are the answer. Readers will be asked to judge for themselves.
Water Planet Pack: 509526 8 books: 4 of each title	Titles	Read More...
	Social Studies: Wicked and Wonderful Water GRL: S LEXILE: 640	Seventy percent of Earth is covered by water, but only 1% of it is drinkable. Water is the lifeblood of Earth, yet humanity is plagued by droughts in Australia and flooding in Venice and Bangladesh. Readers will learn about the chemistry of H <sub>2</sub> O, the water cycle, and be asked to consider the pros and cons of bottled water and massive hydroelectric dams in China.
	Science: The Water Planet GRL: S LEXILE: 690	Scientists know less about the floors of our oceans than they know about the surface of the moon. But what they <i>do</i> know is fascinating. Oceanographers have investigated the unique life forms that live near deep-sea thermal vents, the hitchhiking parasites that have contaminated delicate ecosystems, and the pollution created by cruise ships. Read about the potential dangers of ocean dumping, as well as the rich history of shipwreck salvaging.

<b>Salt &amp; Preservation Pack:</b> 509529 8 books: 4 of each title	<b>Titles</b>	<b>Read More...</b>
	Social Studies: The Rock We Eat: Salt GRL: R LEXILE: 700	Kings have been overthrown for failing to provide their people with salt. This vital mineral has caused nations to go to war, shaped the pathways of world trade, and damaged the arteries of those who eat too much of it. Readers will learn about salt’s strange history, and its ubiquitous role in our modern diet.
	Science: The Uncanny Can GRL:T LEXILE: 690	To meet the needs of billions, agriculture has become a vast, mechanized science, employing chemists who poison weeds and geneticists who modify the chromosomes of crops. The story of how our food chain became industrialized can be told as the story of the can, which made long-distant transport of formerly perishable foods possible, and revolutionized the modern diet.
<b>Wonders on Earth Pack :</b> 509537 8 books: 4 of each title	<b>Titles</b>	<b>Read More...</b>
	Social Studies: Made by Humans: Astonishing Achievements GRL:Q LEXILE:680	Powered by a molten core beneath and a fiery sun above, the surface of our planet is in constant upheaval. Earthquakes, glaciers, volcanoes, and rushing rivers continuously reshape the world we live in. Readers will also learn about geologists and conservationists, the work that they do, and the exciting places in which they do that work.
	Science: Mighty Earth GRL: U LEXILE: 660	Ambitious civilizations seek to be defined by their works. While the princes of Dubai commission luxurious, half-mile-tall skyscrapers, the Swiss blast tunnels beneath the Alps, shielding the mountainsides from car pollution. This exciting book will transport readers to the improbably gorgeous lost city of Petra, the malarial canal zone in Panama, and many other ancient, modern, and future marvels.

<b>Wall Street Pack: 509539</b> <b>8 books: 4 of each title</b>	<b>Titles</b>	<b>Read More...</b>
	<p>Social Studies:  The Bull and the Bear:  How Stock Markets Work  GRL: V  LEXILE: 690</p>	<p>This short history of the stock market includes instructions for buying and selling stocks and an explanation of the different factors that make a stock gain or lose value. A feature allows readers to choose a stock of their own, and decide whether to unload it at mid-book. At the end they will learn whether their decision was wise.</p>
	<p>Science:  Dollars and Sense:  Economics and Science  GRL: U  LEXILE: 760</p>	<p>Examples of macroeconomic cause and effects are presented in a fun and clear way, helping readers understand how innovation and analysis are used to try to forestall age-old cycles of boom and bust. New technologies develop to ease environmental devastation and natural calamity. A feature on the efforts by world health officials to derail a potential bird-flu epidemic is also included.</p>
<b>Everyday Heroes Pack:</b> <b>509540</b> <b>8 books: 4 of each title</b>	<b>Titles</b>	<b>Read More...</b>
	<p>Social Studies:  Boundary Breakers:  Remarkable People  GRL: S  LEXILE:710</p>	<p>While most people are content to rationalize the way things are, a very few are willing to dedicate their lives to human rights, the environment, or other causes. A series of short biographies explains the motivations and accomplishments of Thomas Hopkins Gallaudet (the inventor of American Sign Language), Aung San Suu Kyi (an activist for democracy in totalitarian Myanmar), Majora Carter (the founder of an organization dedicated to energy reform and conservation in the South Bronx), and other people who decided not to accept the status quo.</p>
	<p>Science:  Scientists Try, Try Again  GRL:V  LEXILE: 690</p>	<p>Great inventors recognize opportunities in everyday situations. But from the wheel to the iPod, the path to invention has been a story of perseverance in the face of failure. The very best inventions, like Patricia Bath's invention of a safe method for cataract surgery, alleviate hardships or enhance our experience of life. Several features discuss some of the work being done to improve the day-to-day lives of the world's poor.</p>



Ancient Egypt Pack: 509541 8 books: 4 of each title	Titles	Read More...
	<p>Social Studies: Tombs and Treasure: Ancient Egypt GRL: S LEXILE: 690</p>	<p>This book examines the less well-known achievements of the ancient Egyptians, who adapted to the seasonal flooding of the Nile River to build one of the first great civilizations. Readers will learn about the lives of several pharaohs; about the pictographic writing system, called hieroglyphics; and about how ancient Egyptian society was organized. Also included is a short feature on life in contemporary Egypt.</p>
	<p>Science: The Egyptian Science Gazette GRL: V LEXILE: 670</p>	<p>Both the everyday life and the otherworldly accomplishments of the ancient Egyptians are made vivid by this fun, newspaper-style book. Egyptology is in full force today, as archeologists are constantly excavating the Valley of the Kings. This book examines these scientists' ambitions and techniques.</p>
Speed and Sport Pack: 509543 8 books: 4 of each title	Titles	Read More...
	<p>Social Studies: Thrills and Spills: Fast Sports GRL: R LEXILE: 680</p>	<p>Biographies of several speedy sportspeople, including Indy racer Danica Patrick, motocross champion Travis Pastrana, and many others. Often the dangers are just as exciting as the triumphs—while paragliding for the British national team, Nicky Moss was attacked by eagles! Concluding diagrams illustrate the advancements in safety equipment for car racing, skateboarding, and skiing.</p>
	<p>Science: Full Speed Ahead: The Science of Going Fast GRL: T LEXILE: 760</p>	<p>When technology and adrenaline combine, daredevils risk their lives to set speed records on land and water, and in the air and space. What inspires these men and women? And how do we benefit from their accomplishments? Short biographies of these record-breakers are buttressed by explanations of the engineering that made their achievements possible.</p>