How Did We Find Out About the Speed of Light? (BR008388)

Asimov, Isaac.

Traces the scientific study of speed of light, from Galileo's sevententh-century experiments to Einstein's theory of relativity. For grades 5-8 and older readers. 1986. Download How Did We Find Out About the Speed of Light?

Protecting the Planet: Environmental Activism (BR019060)

Dell, Pamela.

Discusses effects of climate change and describes what governments are doing to protect the earth and its inhabitants--both people and animals. Explains actions individuals can take to conserve resources. Uncontracted braille. For grades 5-8 and older readers. 2010.

The Girl Who Could Fly (BR019632)

Forester, Victoria.

When homeschooled farm girl Piper McCloud reveals that she can jump into the air and fly, officials whisk her away to a top-secret government institute for exceptional children. But Piper learns that the school is full of danger and longs to escape. For grades 5-8 and older readers. 2008. Download The Girl Who Could Fly.

Science in Ancient Greece (BR012448)

Gay, Kathlyn.

Presents scientific and mathematical beliefs held about two thousand years ago. Discusses ancient Greek thinkers: Ptolemy, an astronomer; Pythagoras, Euclid, and Archimedes, mathematicians; and Hippocrates, a physician, among others. For grades 5-8. 1998. Download Science in Ancient Greece.

Touch the Invisible Sky: A Multi-Wavelength Braille Book Featuring Tactile NASA Images (BR018011)

Grice, Noreen.

Discusses the Sun, the star Eta Carinae, the Crab nebula, the Kepler Supernova remnant, and the Whirlpool and Antennae galaxies. Describes the Chandra X-ray telescope and the Spitzer and Hubble space telescopes, which captured images of these celestial objects. Includes tactile photographs. PRINT/BRAILLE. For grades 4-7 and older readers. 2007.

Stronger than Steel: Spider Silk DNA and the Quest for Better Bulletproof Vests, Sutures, and Parachute Rope (BR019876)

Heos, Bridget. Read by Kerry Dukin. Reading time: 2 hours, 38 minutes.

Details scientist Randy Lewis's study of the golden orb weaver spider's silk and its possible uses. Discusses his research with transgenic goats--which he injected with spider genes--and provides a basic introduction to DNA and gene theory. For grades 5-8 and older readers. 2013. Download Stronger than Steel.

Volcano: The Eruption and Healing of Mount St. Helens (BR019539)

Lauber, Patricia.

Recounts the transformation of Mount St. Helens from a forested mountain to a desolate blast zone after its explosion on March 27, 1980. Discusses the earthquakes and mud flows that occurred and the gradual return of plants, insects, and animals. For grades 4-7. Newbery Honor Book. 1986. Download Volcano.

Adventure Beneath the Sea: Living in an Underwater Science Station (BR019282)

Mallory, Kenneth.

Describes a seven-day mission in a steel cylinder off the Florida Keys, sixty feet deep in the Atlantic Ocean. Examines the scientists' living conditions and work, which includes inserting computer tags into fish. Discusses scuba diving and explains the need to return to the surface slowly. For grades 4-7. 2010. Download Adventure Beneath the Sea.

The Elephant Scientist (BR019609)

O'Connell, Caitlin.; Jackson, Donna M.

Scientist O'Connell chronicles her observations of elephants in Africa. Describes the creatures' communication using vibration-sensitive cells in their feet and trunks. Includes resources and a pachyderm term guide. For grades 5-8 and older readers. 2011. Download The Elephant Scientist.

Lost in Cyberspace (BR010713)

Peck, Richard.

Sixth-grade New Yorker Josh Lewis has problems. His parents are separated, his mother is trying to find an acceptable au pair, and his friend Aaron is trying to convince him one can use a computer to travel through time. Then Aaron

accidentally brings a young woman from 1923 into the 1990s, solving one problem but creating others. For grades 4-7. 1995. Download Lost in Cyberspace.

Are We Alone? Scientists Search for Life in Space (BR015899)

Skurzynski, Gloria.

Discusses the possibilities of identifying and communicating with another life-form in our vast universe. Describes the interconnectedness of research in many scientific disciplines to investigate hospitable planets. Includes profiles of scientists dedicated to seeking extraterrestrial intelligence. For grades 5-8. 2004. Download Are We Alone?

Brainstorm! The Stories of Twenty American Kid Inventors (BR010541)

Tucker, Tom.

A look at twenty inventions, covering more than two hundred years of history, by young people ranging in age from five to nineteen. The inventions include earmuffs, colored car wax, popsicles, flippers, resealable cereal boxes, a rotary steam engine, and a safety device to keep children from getting their fingers mashed in doors. Includes a section on how to protect your own great ideas. For grades 5-8. 1995. Download Brainstorm!

One-Minute Mysteries: Sixty-five Short Mysteries You Solve with Science! (BR018122)

Yoder, Eric.

Short problems based on chemical, earth, life, physical, space, and general science. In "A Fishy Solution" Dennis proposes placing a clear plastic sheet over his outdoor pond to keep out fish-eating raccoons. His friend's warning gives a biological reason that this wouldn't work. For grades 4-7. 2008. Download One-Minute Mysteries.