



St. Charles Library and STEM

January is a great month to focus on STEM readings. Last week we highlighted on some great reading options for our younger students located at the St Charles library. Mrs. Brown, the St. Charles Librarian has many options for all readers, but this week we will focus on the higher grades at St. Charles. Listed below are some great options:

- Genetic Engineering: science, technology, engineering by Michael Burgan. (Series: Calling all innovators: a career for you). Grade level 5-8. "From apples that don't turn brown when you slice them to new ways of treating deadly diseases, genetics is at the heart of many of today's most incredible innovations. Learn about the history of genetics from the initial discovery of DNA to today's most incredible developments and discover whether you've got what it takes to make it in this...field of science"--Back cover.
- Building written by Philip Wilkinson; photographed by Dave King & Geoff Dann. Grade level 5-8. Photographs and text provide information about the history of buildings, discussing how they were built, their embellishments, and their uses.
- Science Magic: Martin Gardner's tricks & puzzles Martin Gardner; Grade level 5-8. A collection of tricks, stunts, and puzzles that explore the properties of water, air, friction, heat, motion, light, and more.
- The Secret Life of a Snowflake: an up-close look at the art & science of snowflakes Kenneth Libbrecht. Grade level 5-8. Physics professor and snowflake photographer Kenneth Dr. Kenneth Libbrecht provides information about snowflakes, discussing what they are made of, why they appear to be white, how they form and fall, and related topics, and including photographs of snowflakes magnified by a microscope.
- Using math to design a roller coaster by Hilary Koll, Steve Mills, and Korey T. Kiepert. (Series: Mathworks!) Grade level 3-6. Examines the importance of math in designing roller coasters and uses that format to foster an understanding of numbers, measurements, shapes, charts, and diagrams. Includes data-gathering and problem-solving exercises.
- Google Glass and robotics innovator Sebastian Thrun. Marne Ventura.. Grade level 3-6. A biography of Sebastian Thrun, a robotic innovator who worked on Google Glass, a computer that can be worn like eyeglasses.

The St. Charles library also has 1000 eBooks that can be found at <https://aclid.follettdestiny.com>. Stop in or look on-line for these and more great options!

Questions? Contact Annette King at twinkings2@gmail.com