

September 2016

Title – So You Want to be a Coder

Author – Jane Bedell

Call Number – JUV 005.1023 BEDELL

Book Description -

Love coding? Make your passion your profession with this comprehensive guide that reveals a whole host of careers working with code.

Behind the screen of your phone, tablet, computer, or game console lies a secret language that allows it all to work. Computer code has become as integral to our daily lives as reading and writing, even if you didn't know it! Now it's time to plug in and start creating the same technology you're using every day.

Covering everything from navigating the maze of computer languages to writing code for games to cyber security and artificial intelligence, *So, You Want to Be a Coder?* debugs the secrets behind a career in the diverse and state-of-the-art industry.

In addition to tips and interviews from industry professionals, *So, You Want to Be a Coder?* includes inspiring stories from kids who are working with code right now, plus activities, a glossary, and helpful resources to put you on the path to a fun and rewarding career with computer code today!

Title – Seven and a Half Tons of Steel

Author – Janet Nolan

Call Number – JUV 628.5 NOLAN

Book Description -

There is a ship, a navy ship. It is called the USS New York. It is big like other navy ships, and it sails like other navy ships, but there is something special about the USS New York. Following the events of September 11, 2001, the governor of New York gave the Navy a steel beam that was once inside one of the World Trade Towers. The beam was driven from New York to a foundry in Louisiana. Metal workers heated the beam to a high, high temperature. Chippers and grinders, painters and polishers worked on the beam for months. And then, seven and a half tons of steel, which had once been a beam in the World Trade Center, became a navy ship's bow. This powerful story reveals how something remarkable can emerge from a devastating event.

Title – Maker lab

Author – Jack Challoner

Call Number – JUV 507.8 CHALLONER

Book Description -

Created in association with the Smithsonian Institution and supporting STEM education initiatives, *Maker Lab* includes 28 kid-safe projects and crafts that will get young inventors' wheels turning and make science pure fun.

Each step-by-step activity is appropriate for kids ages 8–12 and ranked easy, medium, or hard, with an estimated time frame for completion. Requiring only household materials, young makers can build an exploding volcano, race balloon rocket cars, construct a solar system, make a lemon battery, and more. Photographs and facts carefully detail the "why" and "how" of each experiment using real-world examples to provide context so kids can gain a deeper understanding of the scientific principles applied.

Title – The Great Leopard Rescue

Author – Sandra Markle

Call Number – JUV 599.75 MARKLE

Book Description -

In 2007 only thirty Amur leopards remained in the wild. Scientists knew they needed to do more to help these big cats. However, details of the leopards' wild lives in their high-altitude forest home were still a mystery. With the help of new technology and the cooperation of scientists and governments around the world, people have learned more than ever before about these rare cats. An innovative plan is under way to give Amur leopards a more secure future. Can these cats rebound from the brink before it's too late?

Title – Monsters Are Real!

Author – Hannah Eliot

Call Number – JUV 001.944 ELIOT

Book Description -

Did you know that monsters are real?! This book is filled with fun facts about dragons, vampires, the Yeti, and more!

Did you know that the Yeti roams around Mount Everest, the tallest peak on the entire planet?

How about that the Loch Ness monster is said to be a living dinosaur or even a sea serpent that swam into the lake before it became landlocked?

Or that the word “dragon” comes from the ancient Greek word “draconta,” meaning “to watch”?

That’s why we often read about dragons guarding treasure!