USEFUL WEBSITES

Khan Academy
https://www.khanacademy.org/
See "Computing" under "Subjects"

Art of Problem Solving
Is math too easy for you? Are you looking for a greater challenge? You’ve come to the right place.
https://www.artofproblemsolving.com/

Code.Org
http://code.org/learn

CS Unplugged
http://csunplugged.org/

CS Unplugged Activities are great
http://csunplugged.org/activities

Girls Who Code
http://girlswhocode.com/

Hive Pittsburgh Digital Learning Resources
http://hivepgh.sproutfund.org/resources/

Alice
Story of Alice
Software and Instructional Material
http://www.alice.org/index.php

Hummingbird robot kits, designed by a CMU graduate and sold through his company BirdBrain Technologies.
http://www.cmu.edu/homepage/computing/2012/summer/from-craft-to-bot.shtml
http://www.hummingbirdkit.com/

expii The Massive Open Online Collaboration.
Your GPS to explore the world of math and science
https://www.expii.com/

Fun math/CS related books for kids (young and old):
- Codecrafters by Erica Sandbothe. "Codecrafters is set in a world where spells are software, magic is programmed, and one girl must use all of her skill to outwit an enemy bent on her destruction." www.codecrafters.org/
- The Number Devil by Hans Magnus Enzensberger
Harry Potter and the Methods of Rationality by Eliezer Yudkowsky

Advanced for high school students, this Massachusetts Institute of Technology (MIT) course site has lots of materials, even a pdf textbook.
http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-042j/mathematics-for-computer-science-fall2005/syllabus/#Course_Objectives_and_Outcomes