News you can use to get/keep you and your kids interested in STEM

NC Science Festival
http://www.ncsciencefestival.org/
A multi-day celebration showcasing science and technology.
March 28-April 13 – check the website for events near you!

Hour of Code™
http://code.org/educate/hoc
Hour of Code™ is an opportunity for every student to try computer science for one hour. The link has instructions to set up that experience for them.

Raspberry Pi
http://www.raspberrypi.org/ and innumerable resources on the web, including books aimed at kids
A computer that's inexpensive enough and simple enough that anyone can use it for real programming, not just running programs written by "experts" (programs like games, word processors, or web browsers). It's only been on the market for a little more than two years, but there's a rich ecosystem aimed at both kids and adult hobbyists. The people behind it hope to encourage more experimentation and creativity that grabbed them as users of the simpler computers of the 80s. See also http://www.adafruit.com, the "best place online for learning electronics and making the best designed products for makers of all ages and skill levels", a source of RPi add ons and much more. [And did you know this geekiest of all online resources was started by a woman?]

Maker Faire North Carolina
http://www.makerfairenc.com/
Saturday, June 7 at the State Fairgrounds. NC's largest celebration of DIY culture and innovation, from traditional crafts to cutting edge engineering projects.
For an example of how a kid can run with this idea, see the Sylvia Show:
http://sylviashow.com/

Shodor
http://shodor.org
Twenty years of improving math and science education through computational science – sections for students, parents and educators.

Wake Tech Summer Camps
http://www.waketech.edu/summer-camps
List includes many that develop tech skills.

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Girl Develop It RDU
http://www.meetup.com/Girl-Develop-It-RDU/
Given the fast pace of technology change, no one learns all they need to know in school. This group, a local chapter of a national group, puts on classes for beginners and beyond on a range of technologies.

NCGSTEM Girls Collaborative
https://www.facebook.com/NCGSTEM
North Carolina Girls STEM Collaborative (NCGSTEM) brings organizations throughout North Carolina that are committed to informing and encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM). Follow them on Facebook and/or subscribe to their e-newsletter.

A Mighty Girl
http://www.amightygirl.com/
The world's largest collection of books, toys and movies for smart, confident, and courageous girls.
See the section on Science/Math Toys and Games.

Other references
Jo Boaler, **What's Math Got to Do with It?: How Parents and Teachers Can Help Children Learn to Love their Least Favorite Subject**, Penguin Books, 2008.

What have we missed?
Please contact info@aauwnc.org or call 866-525-2155 to tell us your favorites. Or just post your comments at www.aauwnc.org/2014/03/whm-event-in-raleigh

3/23/2014