

Teen Tech Week

Success – things that worked well

- Tech of Ages - old and new tech on display! 90 minutes on a Saturday and over 150 kids, teens and adults stopped by. Staff let us borrow old tech to use.
- We have gamers and someone brought in their old game cube system and played the first Sonic the hedgehog game
- It's Electric!--We partnered with a local Radioshack for a soldering program in which teens left with working LED set-ups, complete with on/off switches. They really loved it.
- We did DIY tablet/smartphone/other device cases out of duct tape
- Alexandra, what a great partnership!
- OOOOH I like the radio shack idea :)
- Radioshack provided all of the materials... the company has some new partnership program. Look into it if you have one around! :)
- iM VERY NEW AND JUST STARTING OUT THOUGH
- Neat Radioshack idea!!
- We did a polling activity using a free program. We did several polls. The teens were excited about getting instant results from the polls. We extended the activity by letting the participants make up questions for the polls.
- Marie, so glad it went well! :)
- We pushed our celebration to next week as it's Spring Break. We will be doing daily demonstrations of the 3D printer, Makey-Makey, Raspberry Pi, Lego Mindstorms, Bristlebot, 3D pen and Touch Screen TV
- Marie, what was the program u used??
- Thanks Beth! We would definitely do it again--by popular demand!
- We did a HOMAGO-style program called iCreate Lab where students can come in and use MacBooks with special software to create their own stuff, be it photos, videogames, comics, movies, etc.

Failure – things that did not work well

- DIY nonfiction book display -- the books didn't move very well.

- Didn't coordinate as well with school as we could have. Conflicts with school events.
- We tried a tech museum, asked staff for old tech to display at our library but no staff contributed anything, so it kind of flopped
- Bridget - you can buy stuff at a thrift store. We spent about \$30 and got a lot of stuff to re-use annually.
- We only celebrated for one day
- That's a great idea! I'll suggest we try it in the future.
- Hi Bridget - the display at SM was wonderful - LOTS of stuff
- We are under serious construction right now..

Plans for STEM Summer Reading

- Electronic Origami Workshop
- One of our branches is doing Minecraft gaming.
- MINECRAFT!!! :)
- Robot building program -- still working out the details.
- Gamestar Mechanic and Sparkfun challenges
- Rube Goldberg Machine (open session, add to construction all summer)
- Thinking of creating a coding camp for teens for next year. Need ideas if anyone has done this before.
- We are partnering with the University of Washington to offer a 3-day program for middle schoolers called Project C.O.O.L. (Chemical Oceanography Outside of the Lab) is for students who want to learn more about the waters of the Puget Sound and have fun.
- Last summer we collaborating with a local FIRST robotics team to offer robot building workshops for ages 7-14.
- Mini Robots (toothbrush type with motor that makes them move.)
- Hopefully our new library will be open then. We have a whole room devoted to teens with computers, gaming and books. Soooo looking forward to utilizing this. Open to any ideas.
- Rachel, more great examples of collaborations!
- We have a science camp annually.
- We have a science professor from the local community college who comes in every other week and does hands-on nanotech experiments and lectures.
- This summer we hope to share our new 3D printer in teen programing

- Make Magazine Maker Camp: <http://makezine.com/maker-camp/>
- Google Maker Camp is awesome. We did this last year. Activities are every day with weekend do it on your own.
- Electronic Origami -- This is one example online: <http://www.evilmadscientist.com/2008/paper-circuitry-at-home-electric-origami/> We'll be highlighting our Make magazine and similar book resources, too!
- Young Makers <http://youngmakers.org>
- We are planning to do SCRATCH activity that was demonstrated at the CATS workshop-- participants will program the movements of a little cat.
- Make it at Your Library <http://www.makeitatyourlibrary.org>