

## Some Additional resources for Librarians and other Educators

### Libraries with 3D Printing or Maker-Spaces (just a few examples of the many!)

A library with an expansive maker-space!

[http://www.jocolibrary.org/templates/JCL\\_InfoPage.aspx?id=24413](http://www.jocolibrary.org/templates/JCL_InfoPage.aspx?id=24413)

Nice example of a 3D program run by volunteers in a library (and where I found the 1<sup>st</sup> YouTube video used in the Prezi presentation)

<http://westportlibrary.org/services/maker-space/3d-printers>

Another library light-years ahead of the game

<http://librarymakerspace.blogspot.com/>

Here in New Mexico we're just getting started but Farmington Library has purchased a MakerBot printer.

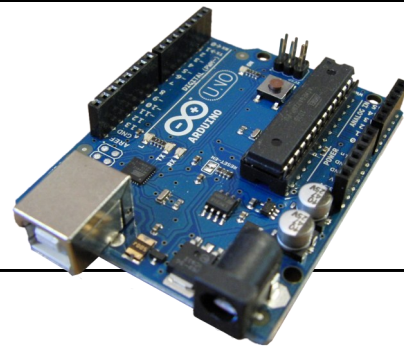
### Other Stuff:

A blog discussing library participation in the maker movement

<http://gigaom.com/2013/07/08/why-public-libraries-should-follow-chicagos-lead-and-build-maker-labs/>

PIE – Playfully Inventing and Exploring (NSF funded project)

<http://www.pienetwork.org/>



### View the Prezi about 3D Printing at Libraries and in NM here:

[http://prezi.com/zfas7e7mfk90/?utm\\_campaign=share&utm\\_medium=copy&rc=ex0share](http://prezi.com/zfas7e7mfk90/?utm_campaign=share&utm_medium=copy&rc=ex0share)

(if the link is not working please “explore” Prezi.com search for Janet Phillips and choose the prezi entitled “HHiker 3D Printing @ RR Lib”)

This Prezi shows parallel paths of the larger scene of 3D printing at libraries, and the path of the New Mexico State Library & recent partnership with the Rio Rancho Libraries. Both paths end with the “pie in the sky” view of New Mexico being involved in the global maker movement.

(A few notes: The first video is 10 minutes – but worth your time for a good overview of the possibilities of 3D printing and how it relates to libraries. The video of the Cube printer is very much in fast forward. It takes 1.5 hours to print one very nice chess piece.)

### A wiki for Librarians interested in 3D Printing: (lots of links)

[http://makerlibrarian.com/wiki/index.php?title=3D\\_Printing](http://makerlibrarian.com/wiki/index.php?title=3D_Printing)  
this has links to 3d designs sites and other resources as well as issues for libraries. Sadly the author is on hiatus but it is still a good resource for now.

Also the library magazines (Library Journal & SLJ) have had articles about this recently if you want to read more on the topic(s).

### Other tinker stuff you might want to investigate:

Raspberry pi

Arduino (comes in a variety of packaging styles)

Conductive thread & led lights

Makey-makey

Tinkerkit