

3D Printing in the Math Classroom

Josh Ajima: @DesignMakeTeach

Cindy Sokol: Cynthia.Sokol@lcps.org

Full presentation, resources & attribution for models at

DesignMakeTeach.com/3DMath

Make magazine reviews of top 10 3D Printers

2014 cdn.makezine.com/make/magazine/V42-preview.pdf

2015 makezine.com/comparison/3dprinters/

3D Printing without a Printer

shapeways.com, sculpteo.com, 3dhubs.com

3D Printing Math Super Stars

Laura Taalman @mathgrrl mathgrrl.com/hacktastic/

George Hart georgehart.com/rp/rp.html

Dizingof 3dizingof.com/3D-Printing/

Elizabeth Denne thingiverse.com/dennedesigns

Bathsheba Grossman bathsheba.com

Carlo Séquin www.cs.berkeley.edu/~sequin/

Kit Wallace kitwallace.tumblr.com

3D Repositories

Thingiverse: thingiverse.com

Youmagine: youmagine.com

3D Tools

Tinkercad & 123 Design: 123dapp.com/create

Project Ignite: projectignite.autodesk.com

Beetle Blocks: beetleblocks.com

BlocksCAD: blockscad.einsteinsworkshop.com

Morphi: morphiapp.com (IOS app)

Inkscape: inkscape.org (2D SVG graphics)

Resources

www.inventtolearn.com/resources/ (Chap 7)

3dprintingforbeginners.com

www.adafruit.com/3dhangouts

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