

## MESTRACT Digital Drawing with Tim Needles

**Outline:** Learn a variety of ways to infuse art into your curriculum with free and low-cost apps and programs that can be used at home for every level and discipline. We'll explore visualizing learning with sketchnotes, drawing with code, creating digital mandalas to support mindfulness, time-lapse art, recreating famous portraits, and digital comics. Support equity and social-emotional learning with these fun, engaging ideas and projects.

**Project:** Apply digital drawing to something you teach or plan to teach.

### Ideas for Digital Drawing

- Youth Art Month
- Artist Trading Cards
- Collaborative E-comics
- The Sketchbook Project
- Online Drawing Challenges
- Global Collaborations
- 36 Days Of Type
- 100 Day Project
- Storycorps Interviews

### Mandalas- Drawerings

A free online app/website for creating mandalas digitally

<https://www.drawerings.com/draw>

### Drawing- Procreate

A low-cost app for digital drawing on the iPad

<https://procreate.art/>

### Drawing- Sumo Paint

A free app for digital drawing that works on Chromebooks

<https://www.sumopaint.com/>

### Drawing- Adobe Sketch

A free(ish) app for digital drawing on the iPad that integrates with Adobe CC

<https://apps.apple.com/us/app/adobe-photoshop-sketch/id839085644#?platform=ipad>

### Drawing- Adobe Fresco

A free(ish) app for digital drawing

<https://www.adobe.com/products/fresco.html>

### Code- The Inspirograph

A free online tool for creating roulette curves

<https://nathanfriend.io/inspirograph/>

### Code.org- The Artist

A free beginners tutorial to create art with Blockly code

<https://studio.code.org/s/artist/stage/1/puzzle/1>

### Tim Needles ISTE Digital Drawing STEAM video

A look at Digital Drawing STEAM resources that work in Virtual Teaching

<https://youtu.be/7c7YSjaiGXM>

### Tim Needles TEDx Talk on Creativity

My TEDx Mephram Talk on Everyday Creativity

<https://youtu.be/n3Kw5dumDg4>