

# Ideas for Technology Integration for Gifted Students

By Heather M. Miller, 2018

To download the full list with links and space for notes, visit:  
<http://www.industriousteacher.com/teacher-resources.html>

- 1) List of Lists: Teaching Tech with Gifted Students
  - a) My school webpage <http://oakcliffes.dekalb.k12.ga.us/HeatherMiller.aspx>
  - b) My school webpage with teacher resources.  
<http://oakcliffes.dekalb.k12.ga.us/TeacherResources.aspx>
  - c) My personal webpage that includes my school webpage  
<http://www.industriousteacher.com/oldhomepage.html>
  - d) My personal webpage <http://www.industriousteacher.com/>
  - e) My personal blog <http://www.industriousteacher.com/blog>
- 2) Choice Boards Integrating Technology
- 3) Things Teachers Integrating Technology Probably Should Know...
  - a) SAMR Model, Dr. Puentedura SAMR, then SAMR +Bloom's.
  - b) BLOOMS Taxonomy and Technology:
- 4) *You can't know everything! So don't sweat that you don't. Be honest and flexible. Technology has so many ways to do the same thing, that it's OK to not know every way to do everything.*
- 5) Powerful Catch Phrases for Teaching Technology.
  - a) In teaching technology to gifted kids, you as a teacher don't need to do much more than get the kids started...they figure it out as they go. I teach them how to experiment, try things;
  - b) CTRL+Z undoes whatever the last thing was...
- 6) AnswerGarden
- 7) Verge (Computer Lab Course)
- 8) Discovery Education Network
- 9) Flipgrid
- 10) Adobe Spark (ipone App)
- 11) Aurasma / HP Reveal
- 12) BreakOut Boxes
- 13) Code.org
- 14) iPad Apps
- 15) Kahoot!
- 16) Keyboard Shortcuts
  - a) CTRL+C (Copy)
  - b) CTRL+V (paste)
  - c) CTRL+B (Bold)
  - d) CTRL+Z (Undo) CTRL+Z is your best friend. It lets you teach kids to try things, then undo if you don't like the outcome.

- e) ALT 168 is the  $\dot{c}$
- f) ATL 173 is the  $\dot{j}$
- g) The kids can search for “keyboard shortcuts for \_\_\_name the program\_\_\_”
- 17) Launchpad (Computer Lab Channel of Links)
- 18) Microsoft Excel - The Many Faces of
- 19) Microsoft Office Suite
- 20) Word, PowerPoint, Excel Desktop vs ONLINE
- 21) MS Paint (simple, quick drawings)
- 22) Music (Multiple apps and ideas)
  - a) **Rockmate** - <http://fingerlab.net/portfolio/rockmate>
  - b) **Musyc** - <http://fingerlab.net/portfolio/musyc>
  - c) **Digital Effects (Sound Effects) machine “DFX – Digital Multi-FX”** with an intuitive interface. It’s simple and fun. <http://fingerlab.net/portfolio/dfx>
  - d) **Garage band** is also available on Macs and ipads.
- 23) Online STEM Notebook
- 24) Osmo – Pizza Company
- 25) Osmo – Coding Awbie, Coding Duo & Code Jam
- 26) Osmo – Detective Agency
- 27) Osmo – All Apps & Games
- 28) QR Codes
- 29) Robots –Generally
- 30) Robots – Dash and Dot Show & Story Telling Robots
- 31) Robots to Freedom used the robot Dash to tell the story of the Underground Railroad. <https://www.youtube.com/watch?v=RbymNJqFDEE>
- 32) Scratch
- 33) Snipping Tool (Screen Shots)
- 34) Stop Animation / Stop Motion Animation
  - a) 1 second = 12 pictures. Smoother if 1 second of film = 24 pictures.
  - b) Lego, Whiteboard, **Toonator** is an online white board animator program, Sticky note stop animation, Cut and crumpled paper, Created in a paper notebook Objects, Candy, Variety of household objects, Clay/playdoh - Think Gumby, Wallace and Gromit, Nightmare before Christmas, ParaNorman
  - c) **Imotion** by FingerLab is by far the easiest for the ipad and iphone stop animation software I’ve found. I love the company that makes it as well. They do quality work.
- 35) StoryboardThat.com
- 36) Symbaloo
- 37) Tagul Word Art Creator
- 38) Timeliner
- 39) Tinkercad
- 40) Turing Tumble
- 41) Visuwords
- 42) Website Analysis
- 43) Website Creating
- 44) Wordle and Tagul
- 45) YouTube & Google