

Useful Tools in Making Videos – ICTCM 2016

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shawnahaider.com and click on presentations

[Files for Hands On Training](#)

Graphs

- Desmos desmos.com
 - Functions
 - Parametric
 - Polar
 - Colors
 - sliders



- WinPlot <http://math.exeter.edu/rparris/>

1. Click Window 2. 2-dim 3. Equa 4. Explicit 5. Ok

- Zoom - page up and down
- Pen width – I like 4
- Color
- Polar, parametric, segments, points etc.
- No axis
- Pieces of
- Grid settings

PowerPoint

- Animations
 - Wipe, Effect options - left, right etc.
 - With previous, after previous
 - Motion paths
 - Exits
 - Dissolve for graph changes
 - Layering, grouping
- Camtasia add in
- Pen controls – right click while in slide show mode
 - Ctrl-P for pen
 - Ctrl-E for eraser
 - Ctrl-A for arrow
 - Add on for pen colors by shift keys

http://officeone.mvps.org/ppshortcuts/ppshortcuts_features_009.html
- Adding video
- Linking out to demos etc.
- Shapes, fill, outline, thickness etc.
- Shift for circles, squares, horizontal and vertical lines

Windows Snipping Tool

- Accessing
- Quick Launch

MathType

- Colors
- Shift for sizing
- TAB or Arrow Keys will move your cursor around the fields
 - Shortcuts
 - Ctrl-F for a fraction
 - Ctrl-R for a radical
 - Ctrl-H for a high script (superscript)
 - Ctrl-L for a low script (subscript)
 - Ctrl-J for both high and low scripts
 - Ctrl-Space for a Space
 - Ctrl-Shift-E to change to text mode
 - Ctrl-Shift-+ to change to math mode
 - Ctrl-G and letter of alphabet to get Greek letter
- Add shortcuts to toolbar

Jing for quick video capture <http://www.techsmith.com/jing.html>

Camtasia

OER

- OpenClipArt.org
- <http://pixabay.com/>
- <https://www.flickr.com/creativecommons/>
- <http://web.monroecc.edu/pseeburger/>
- <http://demonstrations.wolfram.com/>
- <http://www.geogebraTube.org/student/m62198>
- <http://www.geogebraTube.org/student/m69544>
- <http://www.seemath.com/>
- <http://madsenworld.dk/index-uk.htm> Animated GIFS
- http://sccmath.files.wordpress.com/2012/01/scc_open_source_intermediate_algebra.pdf
- <https://mooculus.osu.edu/handouts>
- Google and look at usage rights