

## Tools for Use in Making Videos More Appealing – ICTCM 2015

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<http://rwdacad01.slcc.edu/academics/dept/math/shaider/presentations.htm>

or shawnahaider.com and click on presentations

### Graphs

- Desmos [desmos.com](http://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](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://OpenClipArt.org)
- <http://pixabay.com/>
- <https://www.flickr.com/creativecommons/>
- <http://web.monroecc.edu/pseeburger/>
- <http://demonstrations.wolfram.com/>
- <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](http://sccmath.files.wordpress.com/2012/01/scc_open_source_intermediate_algebra.pdf)
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