Video Options for Flipping Your Math Class

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| **Camera** | **Pros** | **Cons** | **Editable within device?** |
| Flip Camera | * Download the file directly to your desktop via built-in USB
 | * Sound quality can be compromised if you are not close to the camera during the recording
* No pause/resume
 | No |
| Document Camera | * Downloads directly to desktop with camera’s software (i.e. AverVision)
* Some models have built-in USB port for saving files
 | * Slight delay or jump with rapid movements under the camera
 | No |

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| **Screen Recorder** | **Pros** | **Cons** | **Editable within app?** |
| Camtasia | * Captures both the computer screen and a camera (web or document) simultaneously
* Compresses the file well during export (i.e. 953MB65MB)
* Pause/resume
* Import various tyles of media files
* Add annotations, text boxes, and transitions
* 3, 2, 1 countdown
* Choose the area of your screen to capture
 | * Costs about $100
* Can be time-intensive to learn and edit
 | Yes |
| QuickTime Player | * Built into Mac OSX
* Choose the area of your screen to capture
 | * No pause/resume
 | Yes, but limited to cropping beginning and/or end of clip |

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| SMART Recorder | * Included in SMART Notebook software
* Choose the area of your screen to capture
 | * Slight delay
* Large file sizes
 | No |
| Screencast-O-Matic | * Free (15 minute video length limit)
* Choose the area of the your screen to capture
* 3, 2, 1 countdown
 | * Java-based (make sure Java is installed and up-dated)
 | No(Yes if you purchase Pro account for $12/year) |
| Educreations(some other iPad recording apps are **Show Me**, **Doceri**, and **Explain Everything**) | * Free iPad app
* Pause/resume
* Import photos into pages
 | * Limited cloud storage space with free version
* Videos won’t download to desktop, they are saved to your page on your account
* Must purchase Pro account to save your files to your Camera Roll
 | No |

Find videos online that are ready-made. You can also edit them yourself with **EDPuzzle (edpuzzle.com)**. Crop to any continuous selection, add voice-over commentary, quiz questions, and web links.

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| **Website** | **Address** | **Comments** |
| Brightstorm | brightstorm.com | $29.99/month |
| Khan Academy | khanacademy.org |  |
| LearnZillion | learnzillion.com |  |
| Math-a-Tube | mathatube.com |  |
| Math TV | mathtv.com | Spanish videos also |
| MathVids | mathvids.com |  |
| Next Vista | nextvista.org |  |
| Numberphile | numberphile.com | Cool math problems rather than lessons |
| School Tube | schooltube.com |  |
| Teacher Tube | teachertube.com |  |
| TED Ed | ed.ted.com |  |
| Tutor-USA | tutor-usa.com |  |
| You Tube | youtube.com |  |