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 |  |