

# *Flipping with PowerPoint*

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- What is flipping?
  - Check out the Flipped Learning Network for information and resources. (flippedlearning.org)
    - See the attached handout with their definition and the pillars/indicators for flipped instruction.
  - If you want more information on how the whole process works, watch these videos: [www.flippingphysics.com/how-to-flip.html](http://www.flippingphysics.com/how-to-flip.html), and <http://youtu.be/ZRvmjjeZ9CA>.
  - Remember that flipping doesn't have to be all-or-nothing. Start small.
- Is it worth it?
  - That depends on what you're trying to get out of it, and what you're expecting it to do for your classroom.
    - If you can make it work for you and your students, you can move some of the lower level thinking parts of a lesson outside your room, and focus on the reinforcement and higher level thinking skills in the limited time you have them with you.
    - You have to go into it knowing that, just like any other change you make in what and how you teach, that this is going to take time. But, like prepping a course for the first time, the initial outlay of time may be daunting, but you will be able to use materials again and again.
    - You also have to be prepared to grow with the process. You aren't going to be the Anne Sullivan of the flipped classroom your first time out. It's ok.
- Where does PowerPoint come in?
  - Well, for some flippers, it never does. But if you're looking to dip your toes into flipping, it is a resource you already have access to which can get you started with creating your own content videos.
    - There are many resources out there (videos, etc.) that you could take advantage of instead of creating your own. But you will find lessons and topics where you will want your own materials.
  - There are a number of other options out there ranging from iPad apps, free programs for the PC, hardware like graphics tablets, etc. If you go down this road, you may find yourself outgrowing PowerPoint, just know that there are other possibilities.
- Where to start?
  - Have a clear idea in your head of what you want to accomplish with the video you are about to make.
  - Don't just start filming; prepare the presentation and narration ahead of time.
    - Start with an outline/storyboard of the material you want to present in the video.
      - Be realistic! Create short, focused videos.
    - Now is the time to think about how this video will enhance or compliment the work you'll be doing in class.
      - You shouldn't be giving them a video to watch for the sake of saying you gave them an assignment. Flipping is about what happens in and out of the class.

- Putting together the PowerPoint.
  - Design
    - KISS
  - In the Design tab, set the slide size to widescreen.
  - Think about how your narration will unfold as you add entrances and exits.
  - Try to keep a running estimate of the length of the video...and add a few minutes.
- Run through it and create your “script.”
  - Play the slide show from the start and talk your way through it.
  - As you’re doing this, make yourself a rough outline of the talking points.
    - You don’t want to be 10 minutes into recording and realize you forgot a key point on the last slide, or forget where you’re going next.
    - You could print it out and use this as your outline.
- Record it.
  - First of all, relax, if you mess up, you can always start over.
  - Make sure your mic is plugged in.
  - Go to the Slide Show tab.
    - Set Up Slide Show
      - Select your pen and pointer colors. (Make sure it will be highly visible for your background.)
      - Click “ok.”
    - Record Slide Show
      - Check the box for “Narrations and laser pointer.”
      - Start Recording
      - A small dialog box will appear in the slide show which you can use to pause, resume, or stop the recording.
      - Hold down the CTRL button and hold down the left mouse button to use the laser pointer.
      - Click the left mouse button (without CTRL) to activate the next animation or advance the slide.
      - Clicking past the last slide will automatically stop the recording.
      - When asked if you want to save the timings and narration, choose “yes.”
    - If you decide you want to start over, click on “Record Slide Show,” move the mouse down to “clear,” and clear the timings and narrations on all the slides.
- Make it into a video.
  - In Word 2010, click on File in the top left.
    - Click on “Save & Send.”
    - Click on “Create a Video.”
    - I usually choose Computer & HD Displays for better video quality; the trade-off is larger file size.
    - Make sure it’s set to use Recorded Timings and Narrations. (Ignore the bit about seconds on each slide.)
    - Click on Create Video.
    - Name it and pick where to save it.
    - Wait. Patiently.
  - In Word 2013, click on File in the top left.
    - Click on Export.
    - Click on Create a Video.

- Now what?
  - My suggestion: if you don't have a Google account, get one, and use it to log into YouTube.
  - The first time you upload a largeish video, YouTube will walk you through the steps to verify your account. Once this is done, you will be able to upload long videos.
  - Make sure when you upload that you set the video to be public, otherwise no one else will be able to see it.
  - Now all you need to do is give your students the address of the video.
    - You can link the video from your own website if you have one, or just embed the video there.
    - You could use a QR code generator and put the code on a handout, your site, etc.  
([www.the-qr-code-generator.com](http://www.the-qr-code-generator.com))



- More Resources & Food for Thought:
  - Check out Sal Khan's thoughts on using video to redefine education: <http://youtu.be/nTFEUsudhfs>.
  - [www.knowmia.com](http://www.knowmia.com) has thousands of video lessons as well as tools to create your own.
  - [www.ed.ted.com](http://www.ed.ted.com) (use their site to add questions, etc. to your YouTube video)
  - [ctl.utexas.edu/teaching/flipping\\_a\\_class/how\\_to\\_flip](http://ctl.utexas.edu/teaching/flipping_a_class/how_to_flip) The University of Texas's Center for Teaching & Learning provides its teachers with a great quick start guide for flipping.
  - [teambasedlearning.org](http://teambasedlearning.org) is the home of the Team-Based Learning Collaborative. There is everything here from overviews and instructions of how to implement team-based learning, to videos that show it in action. Much of this is set at the college level, but many of the principles are applicable for us as well.
  - Many flippers combine videos, online documents, and more with an online learning environment like Moodle ([www2.malonecsd.org/moodle/](http://www2.malonecsd.org/moodle/)), Edmodo ([www.edmodo.com](http://www.edmodo.com)), CollaborizeClassroom ([www.collaborizeclassroom.com](http://www.collaborizeclassroom.com)), or Schoology ([www.schoology.com](http://www.schoology.com)) to add the element of interaction/discussion to the homework portion of the flip.