Flipped Teaching

With audio slideshows

Catherine Fritz

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Teaching activities

Class

Lecture

- ✓ Active and collaborative learning
    - + Encouraging attendance
- ✓ Providing help and guidance
    - + Motivation & self-confidence
- ✓ Assuring the work is done

Homework

Assignments

- ✓ Individually paced and scheduled
    - + Motivation & self-confidence
- ✓ Enabling research during lecture
    - + Vocabulary; background ideas
- ✓ Providing excellent revision

Transferring lectures: multi-slide

Setting it up

- Open slideshow to edit, starting on the first slide
- Connect microphone
- Select **Slideshow** tab, **Record Slideshow** dropdown, **Start Recording from Beginning**
- Record the slideshow as you click your way through animations and slides.
- When you click to advance from the last slide, the recording ends and you see the slide-sorter view.
- Save as **.pptx** and/or **.ppsx**

The student's use

- Run the slideshow, from the beginning or part-way through.
- Back-arrow to skip back to the beginning of a slide or previous slide.
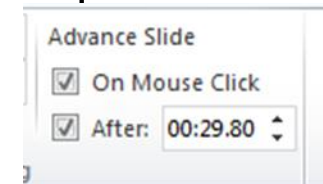- Can print off handouts as with any slideshow.

To build in manual stops:

Why?

- If a slide calls upon the student to do something
- If you want to leave time for students to reflect or make notes before going to the next slide
- To keep students active in the lecture

What to do

- Tutor:
  - **Transitions** tab, right side
  - Untick the 'After' option

  Advance Slide
  ☑ On Mouse Click
  ☑ After: 00:29.80

- Student:
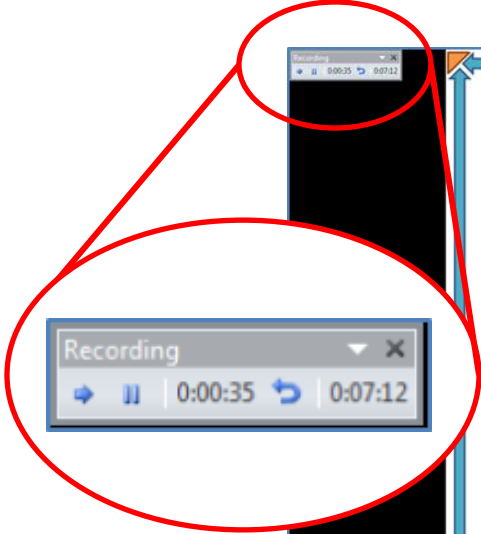 - Mouse click or right arrow to advance to the next slide
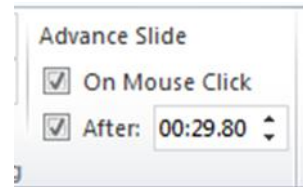
To (re-)record a single slide

Setting it up

- As before, but for that slide:
- Select **Slideshow** tab, **Record Slideshow** dropdown, **Start Recording from Current Slide**
- Record that slide, including animations
- When finished, press Escape or tick the 'x' to close the recording box.

The student's use

- The student won't know the difference

To delay advancing

Why?

- To create a short pause following a slide, without just having quiet recording time.
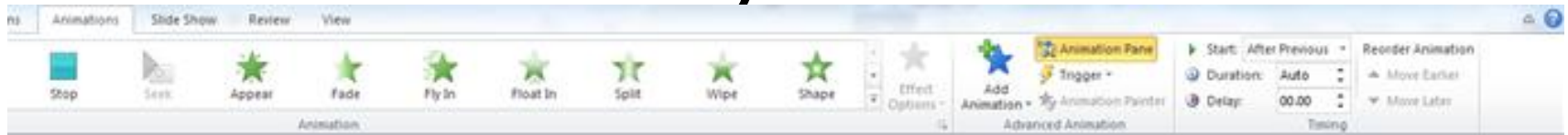
How?

- **Transitions** tab, right side
- Leave '**After**' ticked, but change the time, adding the number of extra seconds you want to wait before advancing
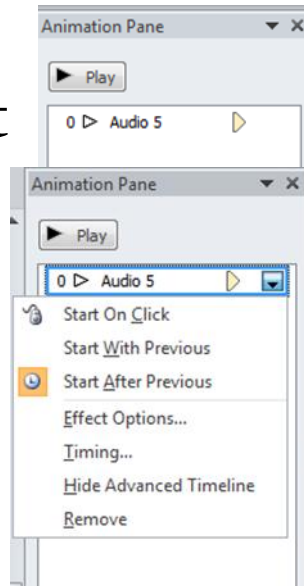
To delay narration

Why?

- Student often look at the slide, rather than listening, when it first appears.

- Delaying the start of the narration allows students to proceed when Ready.

How?

- Turn on the Animation Pane

- It will show the animation starting as item zero. Click on the right of that item.
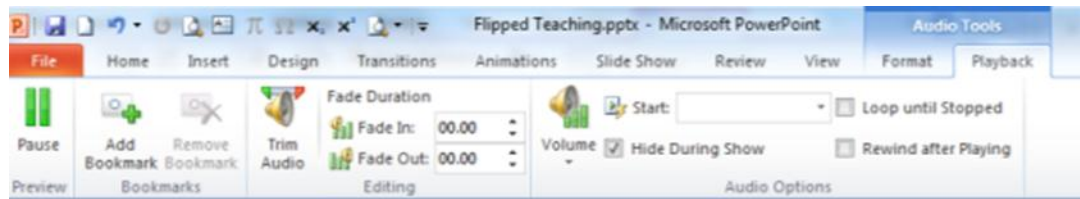
- Click to "Start On Click"

Manually linking animation

How?

- Add the animation to the slide. Turn on the **Animation Pane**

- While in edit, playback the narration by hovering over the icon and pressing play.

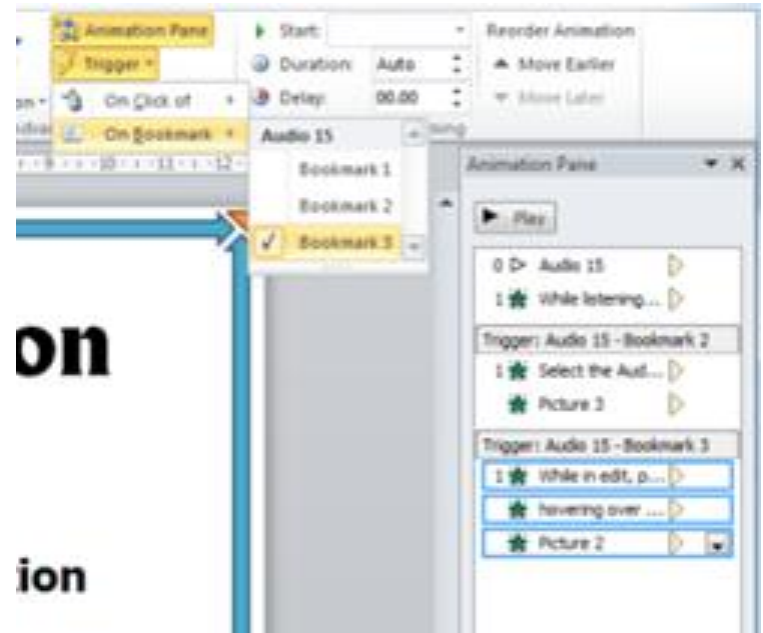- Select the **Audio tools**, **Playback** tab

- While listening, click on **Add Bookmark** at each point where you want the narration to occur. You will need to press play after creating each bookmark.

Manually linking animation

- Select the **Animation** tab
- In the **Animation Pane**, select the animation that should occur at the first bookmark.
- Click for the drop-down menu from **Trigger**, and the dropdown menu for **On Bookmark**.
- Select the appropriate **Bookmark**.

- ❖ Do the same for each bookmark-animation pair.

In summary

- Audio slideshows are easy to produce and to modify
  - Familiar format and software
  - Students can print handouts or do whatever they usually do with slideshows
- They provide benefits to students, and students love them
  - They free up class time for more active, engaging activities
  - They allow students to work at their own pace, when they want
    - *Replaying a slide when needed*
    - *Note taking, Looking up words, Reviewing previous material*
  - They can be used when you cannot be there
- Combined with interactive class time, they can substantially improve students' motivation, learning and marks.
- They can provide a simple way to ease into more blended or distance learning, especially at the undergraduate level.