Combine Multiple Tech Tools to Create an Interactive Online Classroom
Handout provided to attendees of the COVID-19 NATS Diction Chat

Preparation:

Step 1. Select a meeting app.

Purchase and download a video conferencing app that accommodates the length of your class meeting *and* number of students in your group. Zoom is recommended: https://zoom.us/pricing

Step 2. Select an annotation app (for those without a touch screen computer).

An iPad can be paired with your computer to give you touch screen technology. Doceri is recommended. Download the Doceri app on your computer and on your iPad: https://doceri.com/download.php

Step 3. Purchase a document camera (or use a phone holder and pair your phone with the computer).

IPEVO products are recommended:
https://www.amazon.com/gp/product/B079DLTG9F?pf_rd_r=X1V5NJYN905FF7D2ENNB&pf_rd_p=ab873d20-a0ca-439b-ac45-cd78f07a84d8

Step 4. Turn your computer desktop into a virtual dry erase board.

Zoom gives you and your students the ability to annotate over your presentation using a phone or iPad (Doceri provides the most convenient annotation tools for instructors. The Zoom annotation tools are more convenient for students). Provide "board" space by downloading a virtual dry erase board. These are located on the teaching online page at www.stmpublishers.com (high resolution downloads of the boards are also available upon request). Select a dry erase board image as your desktop background.

Class Meeting Procedure:

Step 1. Open the Doceri app on your computer. A QR code will appear on your desktop. Open the Doceri app on your iPad. Scan the QR code to pair your computer with your iPad. Once you are ready to annotate (during the meeting) use the Zoom annotation tools from your iPad or click on the pen icon on your iPad to enter drawing mode. Pen features will appear. Select a pen color and the 2 point font size.

Step 2. Begin Zoom meeting

Step 3. Select the green "Share Screen" icon in the lower center of the Zoom window. Click on "Screen". This allows all class members to view your desktop and any of your open documents.

Step 4. Connect the document camera and open the app. Opening the document camera before initiating the meeting would replace your live feed. The document camera video feed would appear.

How to Incorporate Student Presentations:

Step 1. Provide unique homework assignments for each class member (workbooks from the *Lyric Diction Workbook Series* contain 12 assignments in each unit).

Step 2. Have students take a picture of their completed homework and email it to you before the class meeting. Do not grade the homework. Download the homework images on your computer to open during the class meeting.

Step 3. Begin class by opening each student's homework image. Ask each student to sing their homework list for the group while you display the image. The student may make corrections to the image during their presentation by using the pen features in Zoom. The instructor may also make corrections using the Doceri app.

Step 4. Connect the document camera to your computer. Place your workbook beneath the document camera to introduce new material and complete a sample assignment with students. You and your students are able to annotate over the document camera video feed displayed on your computer's desktop.

Please feel free to contact me if you have any questions.

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