
Tuesday Technology Tips for Teaching FCS

Synchronous Technology Tools

*Need Easy Tips for
Integration of Technology in Your Classroom?
Learn How to Use Our Tuesday Technology Tips for Teaching FCS*

Cost: Free

When: 4:00 pm ZOOM Webinar on last Tuesday of each month from September to November

Time: 60 minutes



FAMILY & CONSUMER SCIENCES EDUCATION

Dr. Paula Tripp - Coordinator, FACESD Programs

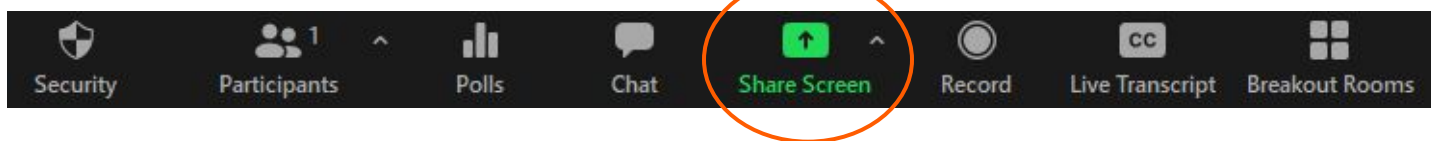
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College of Education and Human Sciences, OSU

Synchronous Technology Tools

- “Synchronous” learning takes place when the teacher and the students are together in real-time.
- Research shows that using synchronous technology tools will increase learners' engagement and motivation, as well as build interaction between teachers and students in online learning (Park & Bonk, 2007; Wang, 2004).
- In this document, teachers can explore several popular technology tools used for synchronous activities.

Zoom has interactive features (i.e., Share Screen, In-meeting Chat, Breakout Rooms, and Non-verbal Feedback) to increase participant engagement in synchronous sessions.

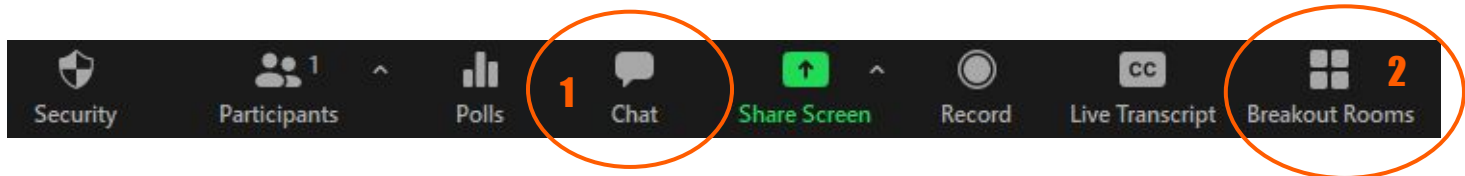


Share Screen

Locate and click the "**Share Screen**" button in Zoom meeting controls. Choose the basic or advanced option:

- **Basic features** allow teachers to read the entire screen, specific application, whiteboard*, and Iphone/ Ipad
**The Whiteboard feature in "Share Screen" is a collaborative space. This feature provides participants an opportunity to ask or answer questions, collect questions or responses that teachers will use later in the session, and ask multi-part questions.*
- **Advanced features** allow teachers to share PowerPoint as Virtual Background, a portion of Screen, music or Computer Sound Only, content from 2nd Camera
- **Teachers can see Screen Sharing instructions at**
<https://support.zoom.us/hc/en-us/sections/201740106-Screen-Sharing>

Zoom (con't)



In-meeting Chat

Click the "**Chat**" button (1) in Zoom meeting controls. In-meeting Chat allows teachers to

- Facilitate discussion by asking questions that require brief or direct answers.
- Keep a record of important questions that can be reviewed later if the meeting is recorded. Another option is to copy and paste the comments into a new document while the meeting is live.
- Ask or assign one or more students **in larger classes** to monitor the chat in order to cover all questions that may arise.
- Control whom students can chat with.

Teachers can see In-meeting Chat instructions at

<https://support.zoom.us/hc/en-us/articles/203650445-In-Meeting-Chat>

Breakout Rooms

Locate and click the "**Breakout Rooms**" button (2) in Zoom meeting controls. Using Breakout Rooms will

- Enable students to collaborate in smaller groups
- Assign students a task (i.e., identify pros and cons, discuss a real life scenario, or solve problems)
- Improve students' responsibility by assigning rotating roles (i.e., a discussion facilitator, a note taker, a timekeeper, and a reporter/ presenter)

Teachers can see Breakout Rooms instructions at

<https://support.zoom.us/hc/en-us/articles/206476313-Managing-Video-Breakout-Rooms>

Synchronous Technology Tools

Zoom (con't)

Polls/Quizzes/Surveys

Teachers can collect students' responses, and then share results during the meetings by using

- Polling for Meeting in Zoom
- Other web tools that teachers can use other web tools, such as: [Kahoot](#), [Nearpod](#), [Polleverywhere](#)
(Refer back to the Presentation Tools document in this series)

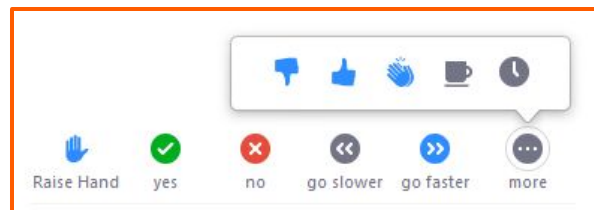
Teachers can see **Polling for Meeting in Zoom instructions** at

<https://support.zoom.us/hc/en-us/articles/213756303-Polling-for-meetings>

Non-verbal Feedback

Teachers can ask students to click on **"Participants"** (called **"Manage Participants"** for hosts) to give non-verbal feedback.

- The **Yes/No** buttons to yes/no questions.
- The **thumbs up/down** buttons to show that students agree or disagree with a question or prompt.
- Raised hands: teachers can encourage students to use the **"Raise Hand"** feature in the Participants' window when students have a question or something to share.



Teachers can see **Non-verbal Feedback in Zoom instructions** at

<https://support.zoom.us/hc/en-us/articles/115001286183-Nonverbal-feedback-during-meetings>

Teachers can see **Managing Participants in Zoom instructions** at

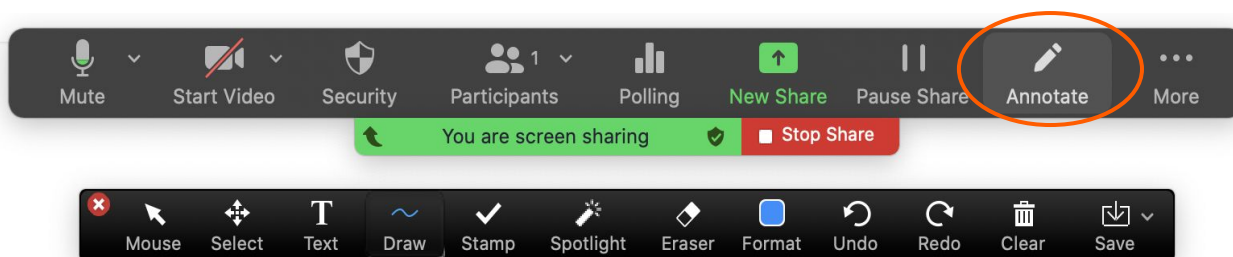
<https://support.zoom.us/hc/en-us/articles/115005759423-Managing-participants-in-a-meeting>

Zoom (con't)

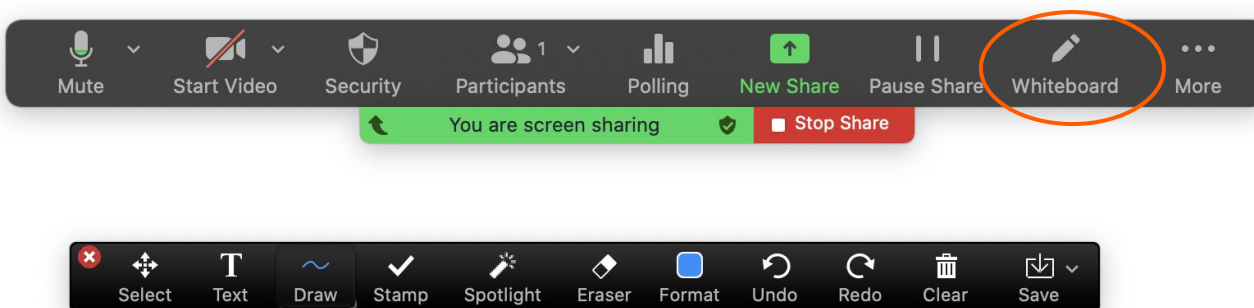
Zoom's Annotate

The Zoom's Annotate is a great tool to create interactive activities during synchronous sessions. This tool allows participants to draw or type on a shared screen.

- Make sure your annotation tool is enabled in Zoom Settings.
- When Zoom is in screen share or whiteboard mode, the annotation controls should be displayed.
- In Zoom meeting controls, click **Annotate**, if sharing the screen



- In Zoom meeting controls, click **Whiteboard**, if sharing the screen



Teachers can check the following link for instruction to enable the annotation tools:

https://support.zoom.us/hc/en-us/articles/115005706806-Using-annotation-tools-on-a-shared-screen-or-whiteboard#h_b81dec21-449f-4f7f-8165-c0060911268f

Zoom (con't)

Zoom's Annotate Activities

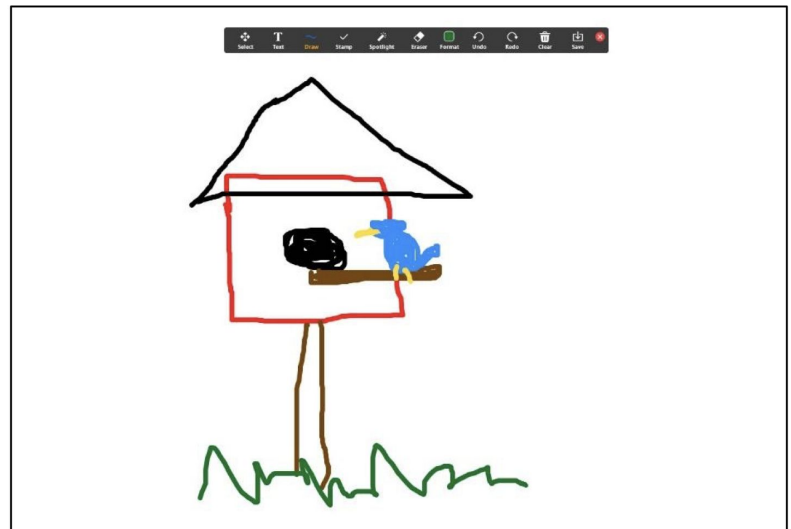
The following activities using the Zoom annotation tool will help students get to know each other and show their creativities, confidence, and problem-solving abilities.

PICTIONARY

Concept: Test students' virtual drawing skills! A classic party game that can be used during meeting breaks or to build comradery with students.

Directions:

- Have the host or facilitator navigate to Zoom's "whiteboard" through the screen sharing feature.
- To get there, click the share screen button located in meeting toolbar, select the whiteboard, and click share.
- Utilize the annotation tools to draw as teachers would for Pictionary.
- Have students take turns using their annotation tools to draw on the whiteboard.
- Have students come up with their own "things" to draw, or have someone privately message the person drawing what they should draw.
- Teachers can also put someone in charge of keeping time for the person who is drawing for a bit of extra fun!



Zoom (con't)

Zoom's Annotate Activities

WORD SEARCH

Concept: Help students to practice their problem-solving skills. This activity can also be used as a game to keep participants busy while they are waiting.

Directions:

- Create a word search puzzle at <https://thewordsearch.com/> or any other word search maker websites.
- Share your screen with the online puzzle, or take a screenshot of the puzzle and paste it into your preferred platform.
- As learners find words in the puzzle, they circle or underline the words with the annotate tool, and cross them off of the list.
- This can be done with all students annotating at once, or call on them to take turns.



MATCHING GAME

- Create two columns of words to be matched together or do a limited number of words with pictures.
- Read through the columns of words together to make sure that students understand all of the words.
- Start with the first word. Call on a student to use the annotate tool to match the words between the columns.

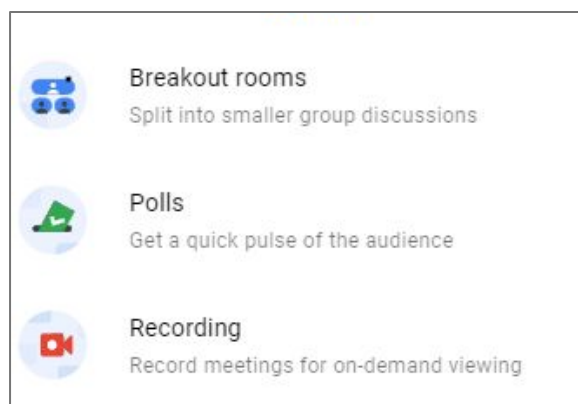
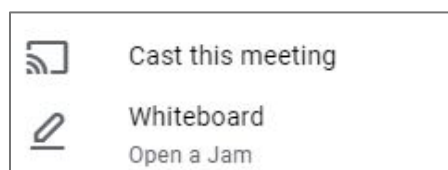
Synchronous Technology Tools

Google Meet is a popular synchronous technology tool used in K-12 to promote students' engagement.

Features of Google Meet

Teachers can use the following features to engage students during synchronous sessions.

- **Cast this meeting:** teachers can Cast it to a device with Chromecast.
- **Whiteboard:** Teachers can create a collaborative activity. This feature uses Jamboard (see https://edu.google.com/intl/ALL_us/products/jamboard/)
- **Breakout Rooms:** Teachers can create different rooms for students to work in groups/teams.
- **Polls:** Teachers can collect students' responses via this feature.



- Teachers can check out activities using Google Meet at <https://edugals.com/making-synchronous-work-in-google-meet-part-2-e038/>
- More activities for Google Meet and Zoom: <https://learn-grow-blossom.com/google-meet-zoom-activities/>

Synchronous Technology Tools

Skype is also being used as a synchronous technology tool to promote students' engagement. Skype allows users to create an instant video call without signing up for an account.

Skype's Features



- Audio and HD video calling
- Smart messaging
- Screen sharing
- Call recording and live subtitles
- Call phones
- Private conversations
- Group chat

Teachers can explore the use of Skype at

<https://www.skype.com/en/blogs/>

Create a free video call with one click!

No sign ups. No downloads required.



Name your meeting

Put the name of your meeting and get your unique link to send it to others you want to meet with.

Create a free video call

SUMMARY

- Follow your school district's policy regarding the use of technology tools in your classes.
- Remember that synchronous learning takes place in real-time, so you and the students are online together.
- Study the features of the tools to determine which you will feel comfortable and confident using.
- Choose the synchronous technology tool that will best engage the learners and help them meet the lesson objectives.
- Encourage students to incorporate some of the technology tools in this packet as they develop presentations for class and FCCLA activities.

Dr. Paula Tripp (2021)

Document reference

Dr. Paula Tripp (2021) - Family and Consumer Sciences Education, B.S. and M.S. programs, Oklahoma State University
Park, Y. J., & Bonk, C. J. (2007). Is life a breeze? A case study for promoting synchronous learning in a blended graduate course. *Journal of Online Learning and Teaching*, 3(3), 307–323.
Wang, Y. (2004). Supporting synchronous distance language learning with desktop videoconferencing. *Language Learning & Technology*, 8(3), 90–121.
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<https://www.umass.edu/ctl/how-do-i-best-engage-students-during-synchronous-class-sessions>
<https://www.literacymn.org/easy-zoom-annotation-activities>
<https://unl.campuslabs.com/engage/organization/universityofnebraska-lincoln/documents/view/1927068>

Images taken directly from <https://www.skype.com>



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