Devices for Online Teaching/Meetings
1) Desktop/Laptop compute 2) iPad/Tablet 3) Chromebook
(Device must include a camera and sound)

A stable internet connection is vital. Live education broadcasting is no exception. You want to make sure you won't have any glitches or latency issues. Blank screens or sudden interruptions to the stream can be a distraction for both students and educators. Your internet connection should be twice as fast as the speed at which you want to stream. You must also have a camera on your device or a web camera that can be installed. Please see your IT director for information.

Google Live Stream

If you use Google Meet, you can add view-only live streaming to an event for up to 100,000 people. Only guests in your organization can view a live stream. All participants in your organization can stop and start the stream during the meeting, and record the event. Guests who join as "view-only" can't participate in the meeting or control streaming and recording.

1. **Google Live Stream** MUST be enabled in your environment. https://support.google.com/a/answer/9055446
2. Live Stream by Google only in-house, so if you want families to access your stream, create a user such as parent@domain.com and give the parents the access information.
3. Here are three parts to setting up live stream:
- Set up a live stream with Google Calendar (Click on heading to access directions)
    - Part 1: Create a live stream event
      Part 2: Create an additional event for view-only guests
4. Organizers will get Meet link, and view-only guest get streaming link.

Google Extensions

Several extensions are available through Google Chrome. Many beyond the Live Stream/Meet platform. This link is worth exploring for general extensions but a favorite for among teachers are listed below.

Chrome Web Store

- **Google Meet Attendance**
  Simple Chrome extension to obtain attendance of meeting members/students and will download a csv file. Note: This extension works when members are present for the entire presentation.

  Ad Added Google Meet Attendance Collector 10000+ users

- **Google Meet Grid View**
  Adds a toggle to use a grid layout in Google Meets
  This extension adds a button to the top right bar (next to chat & participant list) to enable grid-view in Google Meets. Grid view gives every participant an equal sized video for use in meetings without a primary speaker (such as working from home silent meetings).

  This extension loads every participant's video when grid view is enabled and may cause performance issues in extremely large meetings. Includes a variety of options to enhance

your meeting: include your own video, highlight who is speaking, and hide participants without video.

[Google Meet Grid View](#)

Zoom Video Conferencing

Zoom provides a secure unified communications platform for education, featuring video, wireless content sharing, and chat to foster student learning and administration communication.

[Tips & Tricks: Teachers Educating on Zoom](#)

[Student Tips for Participating in Online Learning](#)

Important Blogs to Read

https://blog.zoom.us/zoom-for-education-top-10-frequently-asked-questions/?_ga=2.61958447.242586288.1596629508-1336172598.1583948737

https://blog.zoom.us/secure-your-meetings-zoom-waiting-rooms/?_ga=2.262769295.242586288.1596629508-1336172598.1583948737

Free Webinars for Teachers using Zoom
https://success.zoom.us/webinar/register/WN_eim_ViuNQGG3dhnPkQNoEw?_ga=2.104531843.242586288.1596629508-1336172598.1583948737

Webex

A Webex meeting is an online meeting that allows you to virtually meet with your classes, without leaving your home or office. Webex meetings require Internet access. Your free account gives you access to meetings with 100 participants, HD video, screen sharing, and a personal room. Use it as long as you want.

https://www.webex.com/webexremoteedu.html

https://www.webex.com/industries/education.html

Final Tips/Suggestions
Keep it Simple
Have backup equipment available
Check your bandwidth
Don't be afraid to ask questions