

# How to setup live-streaming with YouTube for online teaching

(the quick and easy way)

1. Setup YouTube account
  - a. Go to YouTube and start live stream
  - b. You might have to set up a YouTube account to be able to run a live stream
  - c. You have to activate live streaming
  - d. Helpful information
    - i. <https://support.google.com/youtube/answer/9227510>
    - ii. Note: Enabling a live stream for the first time may take up to 24 hours. Once enabled, your stream can go live instantly.
2. How to set up for streaming
  - a. WEBCAM streaming
  - b. STREAM with streaming software
    - i. Stream key ("Create new stream key" to have a fixed stream key anytime you want to run a live stream)
    - ii. Use stream key to set up OBS (see below)
    - iii. Share link of stream however means you want
3. Streaming software:
  - a. OBS: <https://obsproject.com/>
  - b. Resource intensive
  - c. Setup:
    - i. Settings: Output, Audio, Video
    - ii. Settings: Streaming
    - iii. Scenes: Display Capture, Video Capture Device
    - iv. Start Streaming, Stop Streaming
    - v. Note: OBS can also be used as screen capture software
4. Screencast software
  - a. Camtasia (Windows, Mac): <https://www.techsmith.com/video-editor.html>
  - b. Screenflow (Mac): <http://www.telestream.net/screenflow/overview.htm>
  - c. Quicktime
  - d. Share X
  - e. And many more ..
5. Speed of your internet connection
  - a. <https://www.speedtest.net/>
6. Use of iPad via Quicktime can be helpful