

Home Infrastructure Help

A. BASIC Infrastructure needed

You would need broadband connectivity, preferably that does NOT break. A laptop. If you have a desktop, it must have a camera and a microphone. Adequate lighting around you. Least disturbance at the time of the class. Table, chair, music stand. Writing materials. Music manuscript sheets. Your music instrument.

B. GOOD Infrastructure to work toward, plan for.

External speakers, an external camera and an external microphone EVEN WHEN you have all on the laptop. PC-desktop-laptop is designed for speech only which is around 4,000 Hz. (Similar to telephones and mobile phones selections.) Music requires a frequency response of between 30 Hz and 15,000 Hz or even 22 KHz to 44.1 or 48 KHz as the need maybe.

Built-in speakers do not carry the bass notes very well or not at all. The higher notes also get resolved to lower octaves, you can't hear the higher harmonics of music instruments.

Built-in microphone, similarly does not have the frequency response, range to record music instruments faithfully.

Built-in camera movement is locked to laptop facing issues. You/I/we need to see each other some times. See the instrument

sometimes, see the sheet music on the stand or a book on the table some times. A wired camera can help.

Good lighting. That way the camera quality does not matter too much. We don't need high-res, infra-red, night-vision etc.

C. Nice to have Infrastructure.

Like a Home-Theatre where the sky is the limit. Learn from home also can have high-end equipment. Professional quality equipment. You need to be comfortable over a period of hours sitting in one place. Chair, desk, drinking water access and more. Have fun putting it all together, constantly improving, efficiency, value for money from your learning experience, it's a life-style choice.

If a parent is involved, or other household members sitting in, adequate chair, visibility, eco-system for all.

TO SAVE TIME - please be READY 2 minutes BEFORE every class. Including music instrument ON and TUNED.

D. I (we) are working to do the same at our end.

I, and colleagues, fellow-teachers, franchisees (where applicable) are all working toward similar WFH for music infrastructure
