

Teaching Screen-Share — Setup Checklist

Pressure-test a teaching-grade screen share for a virtual classroom before you ship: the surface, the two-track setup, content tuning, audio, layout, and accessibility.

■ A. Capture surface & privacy

- Instructors default to sharing a window or browser tab, not the whole monitor
- The interface reminds the presenter what is visible before they go live

■ B. Two-track setup

- Shared content is its own track - the camera is never swapped off to present
- Both the camera and the content track reach every learner at the same time

■ C. Content tuning

- Content track sets contentHint = detail or text; the camera sets motion
- Content track sets degradationPreference = maintain-resolution; camera maintain-framerate
- Frame rate matches content: 1-5 fps slides, ~15 demos, 30 for played video

■ D. Audio

- Shared tab or window audio is captured so a played video reaches the class
- suppressLocalAudioPlayback is used to stop echo from the local speakers

■ E. Layout & accessibility

- Spotlight puts content on the main stage with the instructor in picture-in-picture
- Presented text meets WCAG 2.1 AA contrast; captions cover any shared video