

# Mobile-First Learning Video Readiness Checklist

One pass through the player, formats, data controls, offline and background playback, tracking, and accessibility for a phone-first learning video product.

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## A. Player & layout

- Portrait layout: video on top, learning context below; full-screen on rotate
- Touch targets at least 24x24 CSS px (WCAG 2.5.8 AA); 44 px for primary controls
- Recorded lessons stream as HLS / MPEG-DASH adaptive bitrate
- Captions on by default; on-screen text legible at phone size

## B. Formats for the phone

- Vertical (portrait) video for talking-head, demos, and how-tos
- Micro-lessons of ~3-7 minutes, one idea each, with a knowledge check
- No hour-long webinars reposted to mobile unchanged

## C. Data & offline

- Wi-Fi-only download switch; per-quality data estimate shown before download
- Data-saver cap on cellular streaming quality
- Offline downloads: visible queue, storage indicator, auto-cleanup of watched
- Persistent (offline) DRM license for protected content (Widevine / FairPlay)
- Background / lock-screen audio via the Media Session API (Opus speech)

## D. Tracking & accessibility

- xAPI / cmi5 statements queue offline and sync to the LRS on reconnect
- Orientation not locked (WCAG 1.3.4); content reflows to 320 px (WCAG 1.4.10)
- Tested on a low-end phone and a metered / throttled connection