

Virtual classroom technical requirements checklist

Category	Requirements	Checkbox
Internet Connection	Minimum 10Mpbs for smooth video streaming	
	Backup internet connection like mobile hotspot	
Device & Browser Compatibility	Supported on latest versions of Google Chrome, Mozilla Firefox, Safari, and Microsoft Edge	
	Accessible on smarthphones, desktops, laptops	
	Compatible with Android, iOS, Windows, & Mac	
Access & Permissions	Ensure access is granted for audio & video	
	Check device settings for audio, volume, & video permissions	
Cloud Storage	Integration with Google Drive, Dropbox, or OneDrive for file sharing	
	Ensure sufficient cloud storage per user for storing materials	
Audio & Video Set up	Use a high-quality webcam and microphone	
	Enable video adjutment settings based on internet speed to avoid audio disruption	
	Use noise cancellation headsets for clear audio	
IT Support & Troubleshooting	Provide 24/7 dedicated technical support	
	Ensure regular system updates & backup procedures	
	Send timely reminders before scheduled system updates	
Security & Compliance	Implement end-to-end encryption and strong data protection	
	Ensure compliance with GDPR, FERPA, and other educational privacy standards	
Class Streaming	Ensure stable and high-quality streaming	
	Enable recording and replays	

