

WORKSHEET | REMOTE LEARNING READINESS

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GOAL	CHALLENGES	TARGET	STRATEGIES
Prepare your remote learning environment	Adopting a remote learning model involves shifting a large chunk of your infrastructure to the cloud . This requires schools to have strong controls over its network infrastructure . Schools must also take inventory and equip students with the devices required to achieve remote learning.	<ul style="list-style-type: none">• Build the network infrastructure that will support remote learning.• Assign learning devices to teachers and students.• Protect student and teachers from online threats.• Enable strong online security measures among teachers and peers.	<p>Step 1 - Deploy learning devices to teachers and students</p> <ul style="list-style-type: none">• Deploy devices over-the-air via zero-touch deployment methods.• Enforce BYOD policies to adopt personal devices for remote learning. <p>Step 2 - Enforce network configurations</p> <ul style="list-style-type: none">• Push VPN and Wi-Fi configurations on student and teacher devices, to grant them access to the school network.• Enforce app & website whitelisting to filter content on learning devices.
Provide teaching and learning resources	Schools must be equipped with the tools required to deploy learning resources to teachers and students . They must also have tools in place to perform tasks such as recording attendance, conducting examinations, grading assignments , and more.	<ul style="list-style-type: none">• Understand the tools students and teachers will need to achieve remote learning.• Adopt the right infrastructure, software, and apps.• Provide a secure way to conduct online examinations and review assignments.• Equip IT admins with appropriate controls over managing learning apps.	<p>Step 3 - Assign apps and resources</p> <ul style="list-style-type: none">• Install, update and remove apps and content on learning devices.• Push custom app catalogs, and configure permissions for learning apps. <p>Step 4 - Enforce kiosk lockdown</p> <ul style="list-style-type: none">• Equip IT with automated kiosk lockdown options on learning devices.• Enforce single app and multi app kiosk modes, or convert the device into website kiosks, to conduct assignments and online exams on devices.
Secure your tools and learning infrastructure	Transitioning to remote learning introduces a host of threats and vulnerabilities. Securing your infrastructure and tools against threats, managing access controls, and enforcing authentication is paramount to a successful remote learning strategy.	<ul style="list-style-type: none">• Set up security protocols on learning devices and tools.• Ensure sensitive student and teacher data is protected.• Set up student groups based on their classes and divisions and assign mentors to each group.• Assign roles and enforce secure authentication methods for students and teachers.	<p>Step 5 - Enforce endpoint security</p> <ul style="list-style-type: none">• Enforce restrictions and security configurations on learning devices.• Enable encryption and enforce software updates on learning devices. <p>Step 6 - Assign roles and manage access privileges</p> <ul style="list-style-type: none">• Create user groups for students and teachers and equip them with the necessary access privileges.• Secure and streamline authentication using MFA and SSO.
Monitor progress, and provide support	When going remote, it becomes difficult for IT admins to monitor device usage, track compliance, and perform troubleshooting operations using traditional methods. Hence, schools must ensure they have the tools required to perform these tasks quickly and efficiently.	<ul style="list-style-type: none">• Enforce methods to ensure quick and easy online troubleshooting.• Maximize student productivity by eliminating or reducing device downtime.• Monitor key metrics to track device usage.• Ensure security policies on learning devices maintain compliance with regulatory guidelines.	<p>Step 7 - Monitor device usage and troubleshoot issues</p> <ul style="list-style-type: none">• Enable device monitoring and remote access options to quickly troubleshoot and resolve issues.• Track device health and status, data usage, location history, and more. <p>Step 8 - Track compliance and generate reports</p> <ul style="list-style-type: none">• Alert IT admins if devices are in non-compliance with security policies.• Generate reports on admin actions, device health, and more.