

Education-Technology Cheat Sheet

toolkits

	Teachers	Students
Challenges	Transition to mobile learning curriculum and/or digital curriculum and textbooks	Needs to work seamlessly between home and school
	Many projects require keyboard, larger screen, Flash-based content, Java-based content and traditional PC software	Needs to access files and applications on multiple devices
	Needs to support Common Core State Standards testing	Device must network with peripherals such as printers, keyboards and monitors
	Need solutions that provide all-day learning with all-day battery life	USB, HDMI, and SD ports
	Fast and responsive performance	Cloud integration
	Anywhere/Anytime Learning, with the ability to collaborate, and to access and move files	Traditional PC software support with full features and functionality
	Multitasking abilities with multiple apps running simultaneously	All-day battery life
	Curriculum, software, and device compatibility	Lightweight, sleek design for easy transportation
	USB ports, speakers, headphones, microphones, and ability to connect with a wide range of devices	Stylus for taking notes, drawing pictures, and annotating files
	Durable, lightweight devices for projects	Modern collaborative learning tools
	Project-based learning	Intuitive touchscreen capabilities
	Device and user account management	Affordable solutions
	BYOD initiatives	Built-in camera to support a range of class projects
	Disruptive learning	Bright, readable screens
	Easy-to-deploy collaboration tools	
Educator-approved apps, book, and videos		
Possible Solutions	Intel-based Windows 8 Tablets	Android tablets with Intel inside
	Intel-based Chromebooks	Intel-based Windows 8 Devices
	Intel-based Android Tablets	Intel-based 2-in-1 Devices
	Microsoft Office 365 with Student Advantage	Intel-based Chromebooks
	2-in-1 Devices	Chrome web store apps and extensions
	Kno Textbooks	Google Apps for Education
	TestNav Software	Microsoft Office Web applications and Microsoft OneNote
	Google Apps for Education	
	Google device management console support	
	Google Play for Education	

	Parents	School Technology Coordinators, Principals & District IT Directors
Challenges	BYOD initiatives	Managing and maintaining multiple devices
	Protecting privacy and sensitive data	Ensuring compatibility
	All-day use with all-day battery life	Leverage existing management tools
	Fast and responsive performance	Managing mobile devices
	Multiple device accounts	Remote, cloud-based device management
	Theft protection	Protecting privacy and sensitive data
	Anti-virus protection	Upload and publish software packages
	1:1 program security	Bulk distribution of apps to groups of students
	Affordability amidst budget limitations	Removal and reassignment of apps
	Integration	Piloting 1:1 programs
		Flexible and adaptable configuration
		Lock devices
		Perform enterprise wipe without on-premises infrastructure
		Multiple user accounts
		Supporting teachers using new technology in classrooms
		Simplified updates and diagnostics
		Affordable learning devices
		All-day battery life
		Support blended learning goals
		Support online Common Core State Standards testing
	IT staff workload	
	Solid construction	
	Maximize effectiveness of digital textbooks	
	Overall curricular adaptability	
Possible Solutions	Intel-based Windows 8 tablets	Intel-based Windows 8 tablets
	Intel-based Android tablets	Android tablets with Intel inside
	Windows Defender	Kno App for Android
	Intel-based 2-in-1 devices	Windows Intune Mobile Device Management (MDM) cloud service
	McAfee Anti-Virus Plus	Intel-based 2-in-1 devices
	Google device management console	Microsoft Enterprise Management Console
	Google Apps for Education	Google Apps for Education
		Device activation and setup tool with NFC touch deployment technology
		Google admin console