



## BYOD and 1:1 COMPUTING INITIATIVES

# Bridge the Equity Gap with Innovative Connections

Howard Education is focused primarily on the needs of schools and colleges nationwide, supplying them with advanced education solutions and affordable technology. For school districts looking to implement mobile learning, there are really only two options: BYOD and 1:1 initiatives. We understand the challenges associated with each approach and has the expertise to assist you in bridging the tech gap.

### 1:1 Initiative Points to Consider

1. Curriculum Integration
2. Students per Classroom and Area
3. End-point Device: Chromebook, Laptop, iPad, Macbook Air, etc.
4. Accessories: Covers, Backpacks, ADP, Mice, etc.
5. Implementation Services: White Glove Services (Preloaded Applications, Network Configuration, Images, Asset Tagging, etc.); Google Chromebook Services
6. Classroom Technology to support the 1:1 Initiative: Charging Stations, Projectors, Teacher Devices, Document Cameras, Printers, Interactive Technologies, etc.
7. End-point Management (Mobile Device Management)
8. End-point Network Security and Anti-Virus
9. Broadband Internet Connection and Bandwidth
10. Wired and Wireless Infrastructure
11. Lifecycle Cost: Admin Cost, Damage, Loss, Theft, etc.
12. Data Storage
13. Make it a Success:
  - a. Admin and Teacher Buy-in
  - b. Student and Parent Participation
  - c. Dedication to Automating “Traditional” Classrooms
  - d. Professional Development Training: Teachers and Students



### Solution Considerations

- Mobile Device Management: FileWave, Airwatch and LanSchool
- Security Risk Prevention: iBoss, GoGuardian, and Lightspeed
- Training (Learning to use in the classroom and teaching teachers how to incorporate those practices into the classroom): MobileMind - Google Chromebook Integration Services
- Network Infrastructure Resources: Brocade, HP, Cisco, and Extreme
- Wireless: Xirrus, Aerohive, Ruckus, Cisco, Extreme, HP, Meraki, Aruba, and Ubiquiti



## Solution Considerations (cont'd)

- Devices: Lenovo, Asus, Acer, Dell, HP, and Samsung
- Antivirus: Symantec, McAfee, Sophos, and Kaspersky
- Charging Stations: Earthwalk, Powergistics, Anywhere Carts, Spectrum, BlackBox, iRover, Ergotron, and Datamation
- Interactive Classroom Solutions: Mimio, Epson, BenQ, NewLine, and JTouch
- Data Storage: HVE, Dell, and HP



We understand best practices for technology on a national level, and recognize that well thought out initiatives take into account everything from laptops and tablets to device use policies, digital classroom tools, and software. Want to know more? Review the list of recommended articles below:

### 1:1 Best Practices Reference Sheet

*"Prepping Teachers for a 1:1 Laptop Initiative"* by Bridget McCrea, [thejournal.com](http://thejournal.com) [Link](#)

*"1:1 Initiative FAQs"* Orient-Macksburg Schools [Link](#)

*"1:1 Laptop Initiatives Boost Student Scores, Study Finds"* Leo Doran and Benjamin Herold Education Week [edweek.org](http://edweek.org) [Link](#)

*"10 Rules for a Successful One-to-One Classroom"* by WeAreTeachers Staff [weareteachers.com](http://weareteachers.com) [Link](#)

*"1:1 21st Century Technology"* West Branch Community Schools [west-branch.k12.ia.us](http://west-branch.k12.ia.us) [Link](#)

*"What the Teacher Preparation Programs Teach About K-12 Assessment"* by Julie Greenberg and Kate Walsh National Council on Teacher Quality [nctq.org](http://nctq.org) [Link](#)

*"Student Support for 1:1 Initiatives"* by Sylvia Martinez, M.A. Generation YES [genyes.org](http://genyes.org) [Link](#)

*"PowerUp 1:1 Devices FAQs"* HISD [houstonisd.org](http://houstonisd.org) [Link](#)

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