Middle & High School Technology Rich Classrooms: Not 1 to 1

Core Elements

Teacher Laptop & Productivity Tools

Presentation Device - Collaborative Learning System (Interactive Whiteboard), LCD or Plasma TV

Projector (if needed for the presentation device or collaborative learning system)

Learner Response Devices for Formative Assessment & Individualize Instruction

Document Camera

Digital Camera

Video Camera

Robust Software & Digital Content

Printer

Additional Elements Based Upon Location and Curricular Goals

Mobile Learning Lab or Centralized Computing Stations with 5 Computers

Webcam for Teacher Computer

Flashdrives for each student

Audio System

Science Probeware

Geospatial Technology to Foster Integrated STEM Approaches

Scientific Calculator

Infrastructure Considerations - Measures to Make the Most of Stimulus Investments

Readiness Survey aligned to Technology Planning

Traditional and Online/Virtual Courseware and Content aligned to standards and curricular goals

Safe and Secure Communication & Community Building Tools with Web 2.0 Functionality for Teacher and Administrator Cadres As Well As Home/School connections

Formative Assessment for Individualization of Learning

Longitudinal Student, Classroom & School Data Collection, Management & Reporting

Company Lead Training (PD) on Technology Functionality

School-Based PD focusing on Technology Integration & Shifting Teaching Practices

Program Management

Sustainability Planning

Middle & High School Technology Rich Classrooms One-to-One

Core Elements

Teacher Laptop & Productivity Tools

Presentation Device - Collaborative Learning System (Interactive Whiteboard), LCD or Plasma TV

Projector (if needed for the presentation device or collaborative learning system)

Learner Response Devices for Formative Assessment & Individualize Instruction

Document Camera

Digital Camera

Video Camera

Robust Software & Digital Content

Printer

Laptop or Personal Device for Each Student

Additional Elements Based Upon Location and Curricular Goals

Webcam for Teacher Computer (and students)

Flashdrives for each student

Audio System

Science Probeware

Geospatial Technology to Foster Integrated STEM Approaches

Scientific Calculator

Infrastructure Considerations - Measures to Make the Most of Stimulus Investments

Readiness Survey aligned to Technology Planning

Traditional and Online/Virtual Courseware and Content aligned to standards and curricular goals

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