



Five-Year Summary Technology Plan

**ENRICHING
EDUCATION**



Year 1: Infrastructure

School Year 2013-2014

Major Improvement Areas:

- ★ Wi-Fi in all schools
- ★ Installation of Virtual Servers
- ★ Installation of District Back-Up System
- ★ IT Closet Ventilation Installs (OMS/MHS)
- ★ Improve Bandwidth Capability
- ★ New Computers in Labs (JES-CES-OMS-NES)
- ★ Upgrade Cooling System at DC Server Room
- ★ New Printing Pods (OES-JES-PES)
- ★ Upgrade RAM in Desktops for I-Ready, Reading Plus, PARCC, and CMAS Testing
- ★ Implement Mac-Air Laptops to all Teachers and School Administrators
- ★ IT Department Re-Organization
- ★ Hire Technology Coach
- ★ Create a Strategic Technology Plan for Montrose- Olathe Schools
- ★ Apple Briefing in Cupertino, CA
- ★ PES Staff Pilot Program - Laptops
- ★ OGES iPad initiative

“Every minute a team focuses on problems is a minute it cannot focus on solutions.” (Vannoy and Ross)

Year 2: 2014-2015 Mobile Deployment - Professional Development

Learn SAMR Model

- ★ **Redefinition**
- ★ **Modification**
- ★ **Augmentation**
- ★ **Substitution**



School Technology Plans

- ★ **3-Year Plan**
- ★ **Collaboration
Teams**
- ★ **CMS iPad
Expansion**
- ★ **DO Digital Cafe**
- ★ **iPad Carts for
Schools**
- ★ **Printing Pods**

“Culture eats strategy for
lunch,” (Mark Cicotello)

Year 3: 2015-2016 Technology Integration

Instructional Technology Opportunities

- ★ iPad Apps
- ★ Mac-Air Apps
- ★ iTunes U
- ★ iBooks
- ★ Podcasts
- ★ Videos
- ★ Word Processing
- ★ Presentation Software
- ★ Blogs
- ★ Social Media
- ★ Google Applications
- ★ Internet
- ★ eBooks
- ★ Educational Software
- ★ Cloud Based Services
- ★ I-Ready
- ★ Reading Plus
- ★ The Futures Channel
- ★ United Streaming
- ★ ISTE
- ★ YouTube
- ★ Vimeo
- ★ Teacher Tube
- ★ Discovery Education
- ★ Webquest
- ★ Fun Works
- ★ Kahn Academy

Instructional Models

Objective: Meet the Expectations of the SBE Model

- ★ SAMR Model - Intro
- ★ Cross-Curricular Framework
- ★ Instructional Core Framework
- ★ STEM Pilots
- ★ 1:1 iPads for 6-12

Community Engagement

- ★ Apple Fair
- ★ Digital Cafe
- ★ Social Media
- ★ Command Center
- ★ Professional Development for Parents

**“The desire to fulfill our own potential is as natural as wanting to breathe,”
(Vannoy and Ross)**



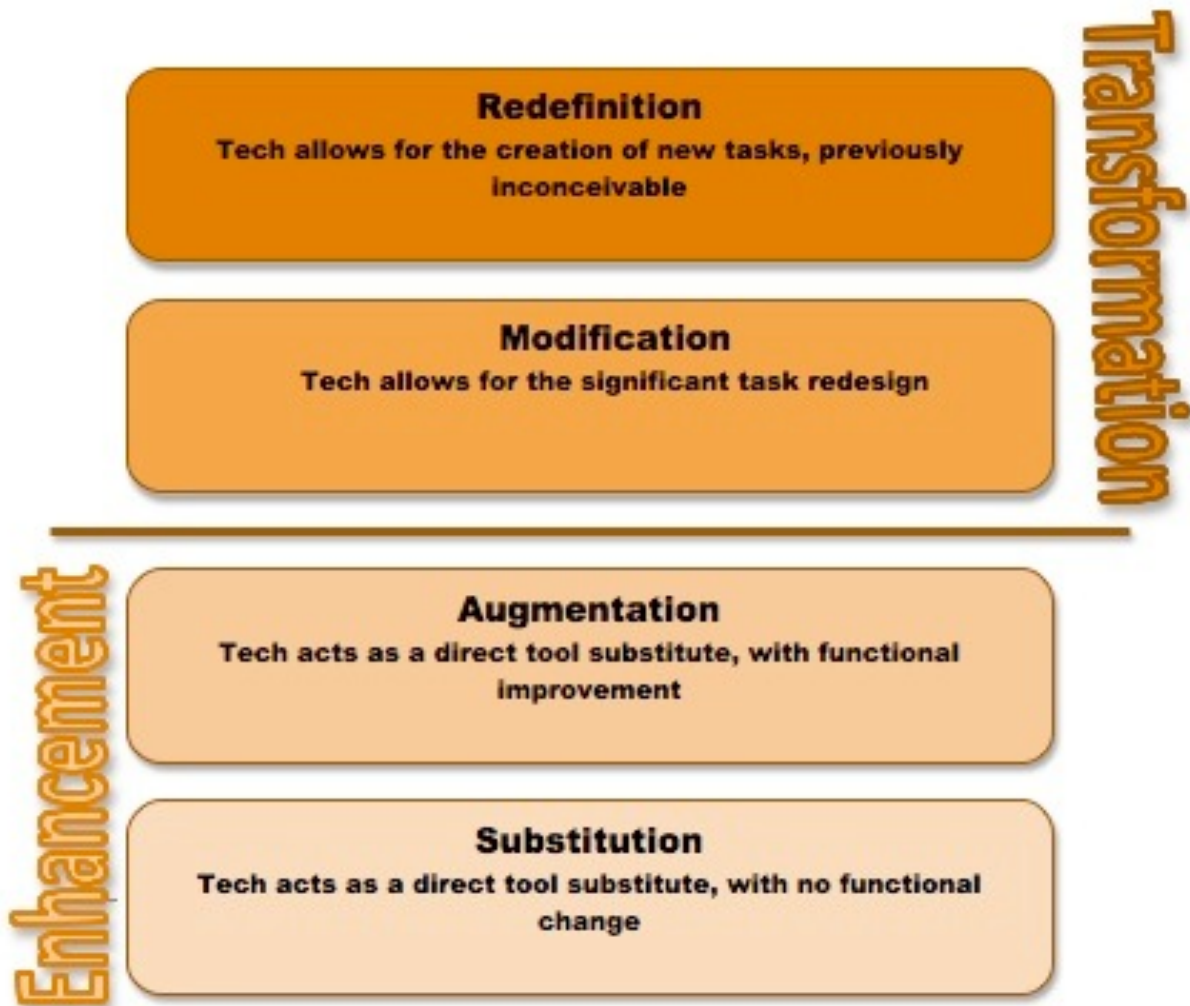
Years 4-5:
2016-2018
Enable
Engage
Educate

“There is always a strength to build on. And its taking us beyond simply being engaged as employees. Now, its about ownership - *owning* where we are and *owning* the path forward in a way that builds people, partnerships, and performance,”
(Vannoy and Ross)

Expand Education by Enriching Education

- ★ **STEM District**
- ★ **ISTE Standards Embedded in Curriculum**
- ★ **Full Integration - SAMR Model**

SAMR Model



Dr. Richard Puentedura
<http://www.hippasus.com/rrpweblog>