

## **Notes from Framework Discussion**

### **Network**

Increase in overall bandwidth - internal and external

Single Point of Failure Internet connection –need Diversified connection for redundancy

Cycle Replacement for Network from core to Access Points ITMI - Zayo fiber End of Life for Involta core processing – replacement cost

- Back-up strategies

### **Security**

Protection for Malware / Ransomware – Protection On off Campus staff student

Allow students to take home District devices – expansion of VPN secure access to resources

Expansion of BYOD Pilot program

Mobile Device Management -

Visibility – having the tools to provide vision on who what when the technology are be using

Penetration test yearly Finds Remediation

Comprehensive Business Continuity Plan for all scenarios - Audit

General requirement

### **Hardware**

Device availability and people (IT staff) to support them

COWs equipped with extra units beyond average class size to prepare / plan for breakage / malfunctioning units

Piloting handheld / tablet units in elementary, middle and high schools (ties to plans for instructional framework to ensure devices are used and incorporated into curriculum)

Inventory of needs for libraries

Data management and data loss plan

### **Community & Leadership Buy In, Partnership with Local Resources**

Bond Support - Physical common space changes – Electrical updates for charging devices and testing accommodations

Programs for Internet access at home

Affordability for devices support for students and teachers

Teacher Success - Support for additional professional development to support innovation

## **Equity**

1. Add Detail Technology Condition Index, add categories of access to describe what they're used for
2. Universal Design and Access
3. BYOD – Bringing older / smaller devices / no devices / social stratification
4. Requirements regarding home internet and device access for older devices
5. Equity for teacher in PD and planning in practice, not just theory
  - Ethics hotline
  - Rating classes for training
  - Stack community for questions
    - for business / groups?

## **PD and Staffing**

1. PLC
2. Training for Office 365 and Synergy
3. Remember we have 86 sites; need early adopters
4. Train-the-trainer, learn from peers and staff
5. IT Academy
6. Support for ongoing PD at branches , \$ and time invested, protected from administrators [investment in new teachers]
7. Specialization and staffing support
8. Students as teachers

## **Curricular and Instructional Framework**

1. Evidence-based practices that prepare students for 21<sup>st</sup> century skills and higher learning settings
2. Must fit into USP, must be feasible with technology district already has
3. When administration looks at mid-year assessments, can look at ways to jumpstart change to get all students where they need to be
4. Knowledge that some faculty and staff will embrace change and technology and some will not

5. All students can learn no matter what, technology as vehicle for differentiated instruction
  - Use of Office 365 modules
  - PLCs as cross-section of teachers across district, not just across one school
  - Teachers instrumental in building appropriate PD
  - Some funding from Deseg for appropriate PD that is teacher-driven
  - Ask for IT Academy to come back
  - Explore successes at Mansfield, STEM at PVHS, Booth-Ficket 1-to-1
6. Share early successes across multiple modes and secure organizational commitment to plan, as well as knowledge that things might appear to get worse as they improve (example of AZMERIT transition)
  - a. More support and resources to James Butler's team and TTLs
7. Explore options for licensing and equipment for digital libraries in middle and high schools – pilot program and costs for multiple sites