

# Master Tech Plan Update

February 26, 2020  
Committee of the Whole



# Why a Master Technology Plan?

- ...helps prioritize technology needs
- ...helps department of technology support needed resources across the district
- ...helps plan and implement appropriate professional development around technology needs
- ...helps others see the direction the district is moving

Biggest benefit...FIT is driving the plan



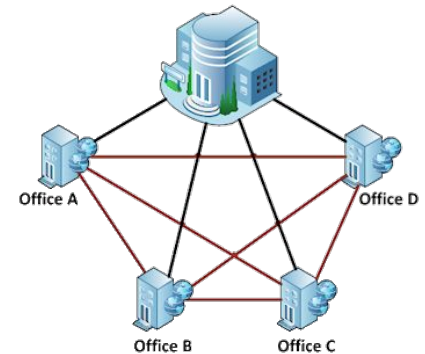
# Accomplishments

- Middle and High School Staff Laptop and Docking Station Refresh (650)
- Comprehensive Email Security for Cloud Based Email
- Internet Bandwidth Increase and Failover Implemented
- Blended Learning Course Device Pilot
- Informacast Security Alert System Integration
- Single Sign-on Rostering Solution for Online Textbooks
- HR/Business software Implementation (7/1/2020 Go Live)



# Infrastructure and Access

- Firewall refresh at SSC and Hubble
- Internal firewall for added security
- MDF/IDF updates at middle schools for continued network enhancements
- Safety/Security updates



# Universal Access to Devices

- Plan and Pilot 1:1 devices for HS students take home access
- Plan and Pilot 1:1 devices for MS students in school access
- Work with ES on Device deployments
- Desktops for office locations
- Cad Lab and PLTW lab upgrades



  
**Wifi**  
**HOTSPOT**

# Classroom Needs for Instruction

- Continue to refresh projection and peripherals needed for classroom instruction--flat panel or projector
- Continue to plan and work with buildings on their flexible space needs for modern learning



# Operational Technology Systems

- Copier Fleet refresh
- Year 1 of iVisions (HR/Bus)
- Classlink Single-Sign On Portal



# Safety & Security

## Infrastructure

- Cloud layer security
- Internal firewall

## Disaster Recovery

- Google File Stream
- Synology Cloud Backup
- Offsite & Offline back-ups

## System Changes

- Two Factor Authentication
- Limit Admin Accounts
- Forced Updates

## Student Data Privacy (HB 3606)

- Committee to vet applications
- Agreements with vendors





# Financing the Plan as Presented

Costs associated to complete master tech plan projects for the 2020-2021 school year... \$690,000

|                                   |           |
|-----------------------------------|-----------|
| Desktop Lease                     | \$105,000 |
| Desktop Upgrades/Updates          | \$60,000  |
| Network Updates                   | \$150,000 |
| HR/Business Solution (year 1)     | \$225,000 |
| Security Systems & Services (new) | \$150,000 |


Costs expiring from the Technology Budget...

|  |           |
|--|-----------|
| Leases ending---   | \$120,000 |
| Network work, Implementation Costs HR/Bus, Informacast-- | \$420,000 |

**Total Technology Budget** **\$2,750,000**



# Vision 2022 Dashboard Status

|   |   |
|---|---|
| <b>COMMITMENT</b>                           |   |
| METRIC(S)                                   | Annual Board Report<br>Technology Plan<br>(Universal Access)                        |
| <b>STATUS</b>                               |   |
| <b>MAKING GREAT<br/>PROGRESS/ATTAINMENT</b> |  |
| <b>MAKING PROGRESS</b>                      |   |
| <b>HOLDING CONSTANT</b>                     |   |
| <b>REGRESSING</b>                           |   |
| <b>NO DATA AVAILABLE</b>                    |   |
|   |   |
| CURRENT                                     | Current Plan  |
| PRIOR YEAR (2017)                           | Process Goal  |
| START OF ASSESSMENT<br>(YEAR)               | 2015  |



# Questions?

