



Livingston Board of Education  
Technology Budget Update  
Operational and Instructional

March 5, 2018

## Budget Highlights

- Infrastructure Upgrade – Phase 4 – Backup / Speed / Web Filter
- 1:1 Initiative - MPM
- Chromebook refresh / additional carts for Elementary Schools
- LHS Engineering / CAD Lab
- Software Subscriptions

## Infrastructure Upgrade – Phase 4

- Network Cabling – all schools (“E-Rateable”)
- Internet speed increase – 3GB dedicated circuit
- Failover to secondary 1GB circuit in the event of ISP outage
- Backup System – Upgrade

Operational

## New 1:1 devices for MPM (Chromebooks)

- Total of 515 student devices required (includes 5% excess)
- Student device distribution tentatively scheduled for September 2018

## Chromebook refresh / additional carts for Elementary Schools

- Refresh/Upgrade 18 Elementary Carts (second generation, >3 years old)
- 11 New Carts
- Chromebook cart in each elementary classroom (grades 2-5) district wide
- 1:1 Chromebook to Student ratio in grades 2-5

## LHS Engineering / CAD Lab

- Upgrade Engineering stations in D165 (30 dual screen desktops)
  - Upgrade AutoCAD to latest revision
- Upgrade AutoDesk Server to latest revision

# Software Subscriptions

- Renewal of recurring software subscriptions including
  - SIS
  - Accounting
  - Web Filter
  - Observation/Evaluation
  - Professional Development
  - Emergency Notification
- Site Licenses
  - Schoology
  - Brain Pop
  - Discovery Education
  - Respondus Lockdown Browser
  - ccc Streaming
  - Nearpod
  - District LMC subscriptions
  - GradeCam
  - WeVideo
  - Biblionasium for Destiny
  - GoGuardian

## Other Capital Expenditures

- Anticipated Replacement due to Breakage
  - Classroom Projectors (20%)
  - Classroom Document Cameras (20%)
- Miscellaneous Small Capital Projects
  - Interactive Whiteboards (17) – Various Schools
  - LHS TV Studio - Character Generator
  - Additional Security Cameras – Various Schools



# Technology Resources

- Coaches
  - Maintain current level of coaching support
  - Goals- culture shift in technology integration
    - Starting to see less technical help and more tech integration
    - Teacher driven support vs. Tech Coach driven support
    - Leverage technology to create more meaningful content
    - Professional Learning

# Technology Resources

- Parent Resources/Student Resources
  - Delivered through website, Instagram, Twitter Feed, Schoology updates
  - Tech Tips
  - Website links/Homework helpers
  - Device specific help
  - User guides
  - Digital Citizenship/Internet Safety
  - Parent information nights

# Technology Resources

- Schoology
  - Used by students and staff in grades 6-12
  - Parent portal deployed November 2017
  - First year feedback survey to students and staff – upcoming
  - LHS piloting on-line PD course
  - Elementary teachers to use for PD and Schoology Groups in 2018-19 school year