SDPC Technology Systems

Tier 1
Technology Systems

Tier 2
Data Backup Processes

Tier 3
Data Moving Processes

Tier 4
Technology Systems

Tier 5
Technology Systems

Tier 6
Web Applications

Tier 6
Local Applications

Tier 7
End User Devices

SDPC Digital
Ecosystems
Digital Ecosystem

- District/School Content
  - Pacing Guides
  - Support Docs
  - SharePoint Departments/Schoology Groups
  - Office 365 & GAFE

- Core Content Providers
  - Proprietary Platforms
  - LTI, Thin and Full CC

- Supplemental Content Providers
  - LTI and APIs

INFRASTRUCTURE/BANDWIDTH

- Dell SonicWall Firewall
- Cyber Sentry: State Monitors Firewall
- Securly Web Filtering
- Antivirus Software
  - ESET NOD32; Webroot; AVAST

DATA STORES

- PowerSchool
- Lunchbox
- Enrich
- Other

- APIs

Learning Evidence/Performance Data

Classlink SSO

Schoology

Other data stores:
- LTI and APIs
- PowerSchool
- Enrich
- Other

Cybersecurity and monitoring tools:
- Cyber Sentry: State Monitors Firewall
- Securly Web Filtering
- Antivirus Software
  - ESET NOD32; Webroot; AVAST

Network infrastructure:
- Dell SonicWall Firewall
- PowerSchool
- Classlink SSO
- Schoology
- Office 365 & GAFE
Tier 1
Technology Systems

Switches - AITS
APC Smart UPS units
Hyper V
SmartFusion
Enrich
Voice Routers
Meraki
Sonic Dell Firewall
Voice Routers AITS
School Messenger
KEMP Load Balancer
Office 365
Schoology
AirWatch
Physical Servers - AITS
Data Cabling
HP San
PowerSchool
Switches (School/Other)
Securly Web Filtering
Avast/Webroot

IO - Data Backed Up – Investigate Offsite Backup
Redundancy Server Onsite – Investigate Offsite Hardware Backup
Investigate Offsite Hardware Backup

A - Data Backed Up at AITS; Offsite Not Needed
D - Does Not Apply
O - Data Backed Up Offsite
U - Individual User Manages Backup
V - Backup Managed by Vendor
I - Investigate
Tier 2
Data Backup Processes

- **Backup Assist**
- **VMExplorer**
- **Kiwi Tools**
- **Synology**

- **Amazon Glacier**

**A** - Data Backed Up at AITS; Offsite Not Needed
**D** - Does Not Apply
**O** - Data Backed Up Offsite
**U** - Individual User Manages Backup
**V** - Backup Managed by Vendor
**I** - Investigate

- **IO** - Data Backed Up – Investigate Offsite Backup
- **Redundancy Server Onsite – Investigate Offsite Hardware Backup**
Tier 4
Technology Systems

- Archiver
- Blue Ridge Security
- Fire Alarm
- Registration Gateway
- Papercut
- Maestro
- PRTG
- Aphone
- Health Office
- Office 365 SharePoint
- S2 Card Access
- Safari Montage
- FitnessGram
- Fax Server
- Classworks
- Destiny
- PD Express
- Video Insight
- SUNS Database

Legend:
A - Data Backed Up at AITS; Offsite Not Needed
D - Does Not Apply
O - Data Backed Up Offsite
U - Individual User Manages Backup
V - Backup Managed by Vendor

- IO - Data Backed Up – Investigate Offsite Backup
- IO - Investigate
- Redundancy Server Onsite – Investigate Offsite Hardware Backup
Tier 5
Technology Systems

- Barracuda
- Conductor
- ID Works
- Lansweeper
- Electronic Message Boards
- Field Trip
- WebCtrl

- D: Does Not Apply
- O: Data Backed Up Offsite
- I: Investigate

A: Data Backed Up at AITS; Offsite Not Needed
IO: Data Backed Up – Investigate Offsite Backup
V: Backup Managed by Vendor

Redundancy Server Onsite – Investigate Offsite Hardware Backup
Tier 6
Local Applications

- AB Tutor
- Lanschool
- R-16
- Crystal Reports View Lunchbox
- Sonic Wall VPN Client
- Goverlan
- MS Office
- GIFT/View Gift
- CATE/PLTW
  - All Data
  - Autodesk
  - MultiSim
  - Shop Key
Tier 6
Technology Systems with SSO
_Single Sign-on_

**SINGLE SIGN ON**
Log-in only once to ClassLink.
After successful login, all applications and services requiring additional credentials are managed automatically.
The user will not see log-in dialogs.

**CLASSLINK LAUNCHPAD**
Manages SSO and password lockers

Destiny, Office 365 One Drive, Google Apps & Drive, PowerSchool/PowerTeacher, Schoology, Classworks
BrainPop, Discus, Visual Thesaurus, Learn 360, IXL, Sumdog, Reading A-Z, Kahoot, AUP Online, Front Row ed
Renaissance Learning, Safari Montage, Edgenuity, Rosetta Stone, Discovery Science, McGraw Hill ConnectEd, Pearons EasyBridge,
HMH (My HRW and Think Central), Code.org, ACT WorkKeys, Mobi Max, SchoolDude, AESOP, PDEpress
Tier 6
Web Applications with Automated Rostering & Automated Content Assignment

*OneRoster

- Schoology
- *Pearson Online Textbooks (EasyBridge SAML)
- *BrainPop
- *Classworks
- Destiny
- MAP
- *McGraw Hill Textbooks (ConnectEd)
- Renaissance Learning
- *HMH Textbooks (My HRW & Think Central)
- *Discovery Science
- *BrainPop
- *Classworks
- Renaissance Learning
- *HMH Textbooks (My HRW & Think Central)
- *Discovery Science
Our goal is to purchase online assessments to supplement teacher-created test item banks.
## Tier 6
Textbooks with Automated Rostering & Content
*CC/TCC*

### ELEMENTARY SCHOOL

**K-5th Grade**
- Science (Discovery)
- Math (Pearson)
- ELA (HMH)

**K-2nd, 3rd-5th Grade**
- Science (Discovery)
- Math (Pearson)
- ELA (HMH)
- Social Studies (McGraw Hill)

### MIDDLE SCHOOL

**6th 7th 8th Grade**
- Math (Glencoe)
  - *ELA (HMH)*

**6th & 8th Grade**
- Social Studies (McGraw Hill)

### HIGH SCHOOL

**Mathematics**
- Algebra I (McGraw Hill)
- Algebra 2 Honors (Pearson)
- Algebra 2 (HMH)
- *Geometry (HMH)*
- Pre-Calculus (HMH)

**Social Studies**
- Economics (McGraw Hill)
- *Geography (HMH)*
- US History (Pearson)
- Government (HMH)

**Science**
- *Environmental Science (HMH)*
- Physical Science (Pearson)
- Biology (McGraw Hill)
- Honors Chemistry (HMH)

**ELA**
- *English 1-4 (Pearson)*

### NOTES

*Older textbook publications are not available in LTI Autorostering and Content or CC/TCC. As new textbook decisions are made, preference will be given to options that provide CC/TCC.*
Tier 7
End-User Devices

- PCs/Laptops/Chromebooks: 15,000
- Polyvision Boards/Projectors: 1,173
- Calypso: 1,173
- Large Sound Systems: 36
- Cameras: 1,600+
- Tablets/iPads: 5,250
- Access Points: 1,558
- Copiers: 116
- Printers: 1,469