AN EARLY COLLEGE DISTRICT

BROWNSVILLE
INDEPENDENT SCHOOL DISTRICT

**Curriculum/
Technology Meeting**

**TECHNOLOGY DEPARTMENT
UPDATES**

February 8, 2022

Dr. Rene Gutierrez, Superintendent of Schools
Dr. Nellie Cantu, Deputy Superintendent
Robert Fisher, Computer Services Director
Todd Nichols, Computer Services Asst. Director

1. Preparing for State Assessments
2. Infrastructure Upgrades
3. Installation of Interactive Panels
4. Maintaining District Devices
5. ESSER Allocation
6. ESSER Purchases to Date
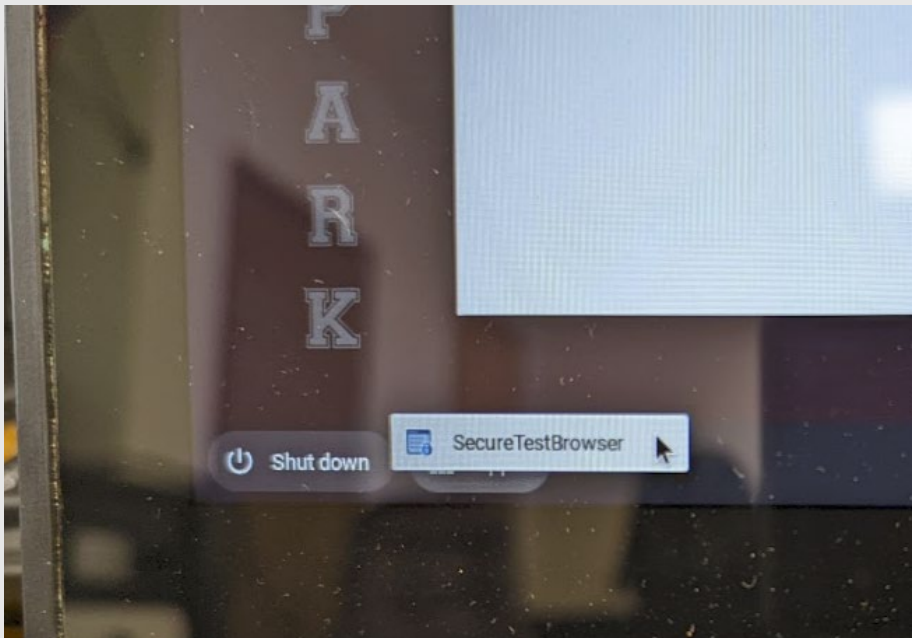
Preparing for State Assessments

○ Computer Services is collaborating with the Assessment/Research/ Evaluation (ARE) Department to prepare for District and State online testing.

○ Campus and District Technicians have been coordinating the installations of the **Secure Test Browsers** for online testing. (Cambium Test Delivery System)

Infrastructure Upgrades

○ Computer Services recently completed a District Wireless upgrade which includes new wireless Local Area Network (LAN) controllers and 3,100 new access points.

○ The new access points will aid in extending wireless coverage to handle the increasing number of potential users and devices.

Installation of Interactive Panels

◦ Computer Services is working with campus and district departments with the installation of the new ClearTouch Interactive Panels.

◦ The district currently has over 1,350 in production with 1,000 plus on order.

◦ The interactive monitors offer a variety of learning tools to assist classroom teachers and students.
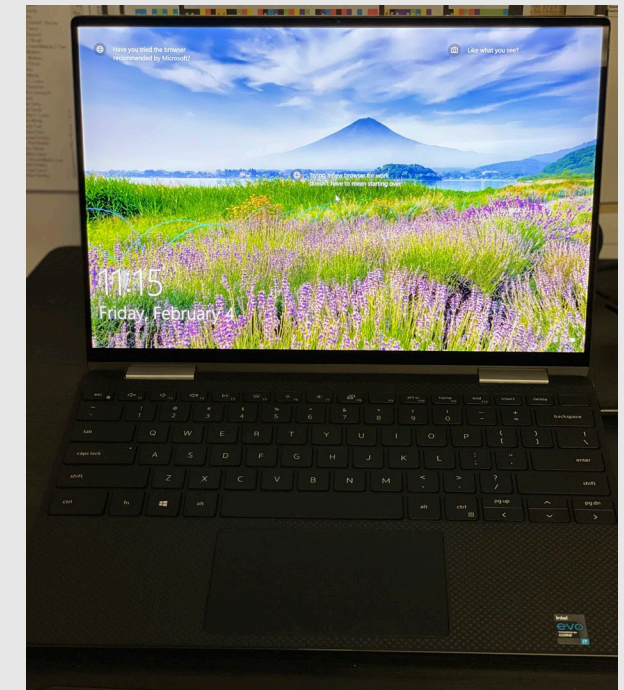
District Devices

- Computer Services is busy installing and maintaining new devices across the district.

- Manage, repair, and provide technical support to all devices in the district.

24,000+ Chromebooks

14,000+ iPads

20,000+ laptops

ESSER Allocation for Technology

Balance Summary	EsserII
Beginning Balance	$10,647,196.00
Current Expenses	$6,617,648.10
Balance	$4,029,547.90

Esser II Purchases	Amount
Cisco 9200 Switches	$6,617,648.10

ESSER Technology Allocations/ Expenditures

ESSER Funds
Elementary and Secondary School Emergency Relief

Balance Summary	Esser III
Beginning Balance	$18,193,203.00
Current Expenses	$10,954,742.44
Balance	$7,238,460.56

Esser III Purchases	Amount
APC Hot Aisle (NOC)	$889,333.70
Aruba Clearpass (QTY: 3)	$87,128.28
Catalyst 9500 (#1)	$45,415.37
Catalyst 9500 (#2)	$17,895.35
Chromebook and Laptop Replacement	$2,000,000.00
Cisco 9200 Switches	$3,058,048.50
Cisco 9200 Switches (#1)	$1,021,822.00
Cisco 9200 Switches (#2)	$46,816.48
Cisco 9200 Switches (#3)	$40,964.42
Cisco 9300 Switches (#1)	$89,435.52
Cisco 9300 Switches (#2)	$44,570.04
Cisco 9300 Switches (#3)	$44,570.04
Cisco 9300 Switches (#4)	$27,577.31
Cisco 9300 Switches (#5)	$226,876.60
Cisco ACI Spine (2)	$34,740.76
District Apple iPads (QTY: 450)	$189,225.00
District Dell Chromebook (QTY: 475)	$233,325.00
District Dell Latitude 3320 (QTY: 475)	$356,250.00
District Jamf License (QTY: 450)	$7,875.00
Elementary Macbook for iPads synch	$13,452.00
Embody (Chairs)	$10,517.00
Fiber Cable (District)	$6,200.00
Furniture (Programmer Wing)	$43,601.68
Gumdrop iPad Cases	$9,180.00

Esser III Purchases	Amount
Macbook 4yr Apple Care	$1,276.00
Macbook Adapters	$3,723.20
Macbook Apple Care	$319.00
Macbook for Intune Services	$3,363.00
Nexus 9300	$44,570.04
Nexus 9300	$44,570.04
Optiplex 3070 SSD Drive (District)	$39,990.00
Palo Alto 5450	$398,147.35
Resaca Admin Building Switches	$23,651.16
Resaca AP's 9130	$42,022.70
Resaca DNA & AP's	$45,892.19
Resaca Maintenance Services	$49,400.00
Resaca Maintenance Services	$20,000.00
Resaca Mgig Switches	$27,557.31
Resaca Network Cabling	$500,000.00
Resaca Outer Wing Switches	$21,831.84
Resaca Programmer Wing Switches	$8,661.48
Server 2019 Licences	$2,303.00
Technician Combo Table(Imaging)	$20,982.80
Technician Desks	$48,572.70
Technician Worktables	$44,018.18
Training Lab Desktops	$18,623.64
USB iPad Synch Cables (District)	$446.76
VxRail Admin Building	$1,000,000.00

Management Information System – Data Division

Julie Pedraza, MIS & Programmer
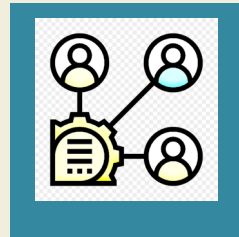Leo Alaniz, MIS & Programmer

Student Information System – Data

Daily Gatekeeper of Data 24/7

- Daily Student Information System (SIS) Support
  - Student Data Collection
  - C&I Programs
  - Special Ed & Teachers
  - School Counselors
 - State Reporting
  - Remote Learning
  - Medical
  - More…..

Implementation & Support – Projects

Current Data Projects

- App Data Integrations/Single Sign On (SSO)

- Schoology Learning Management System (LMS)

- Online Registration

- Health Services Online

- Parental Involvement Online

- Year End & Summer School

- PEIMS Data Errors

- Optional Flexible School Day Program (OFSDP)

- Additional Days School Year Program (ADSY)

Projects

Implementation & Support – Projects

Projects
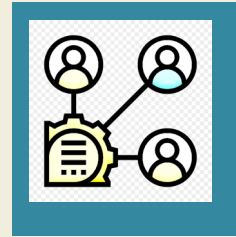
App Data Integrations/Single Sign On (SSO)

- **90** Student & Teacher **Apps**

- Integrated with our Student Information Systems (SIS) Rosters via Schoology & Clever

- Student Roster Data is always in Sync

- Students log in to one portal

- Student data is secure via BISD Technology Network Rules

Software Programs currently available in our district. Programmers write script to be integrated into Schoology and Clever and have a single sign on.

Amplify	Learn 360	BrainPOP	Nearpod	Sirius	Actively Learn	Epic Educators
College Board	Quizlett	Apex Learning	QuaverEd.com	• Edgenuity Courseware/ MyPath/ UpSmart	BrainPOP ELL	McGraw Hill
Discovery Education	StemScopes	Flocabulary	i-Ready	ST Math	SmartyAnts	MERGE EDU Platform
Ed Puzzle	Writable	Savvas EasyBridge SSO (formerly Pearson)	Imagine Reading	Gizmos SSO	Vocabulary Spelling City	IXL
Evernote	Imagine Math	Seesaw	Lexia Core5	Newsela	Kuder Navigator	Edgenuity Pathblazer®
CK-12 APP	Imagine Language & Literacy	Education Galaxy	IXL	Imagine Español	Ellevation Student	TeachingBooks
Cengage LMS Integration	Summit K12	BrainPOP Jr.	Epic - Students	Lexia PowerUp	ClassDojo	Vocabulary.com
Canva for Education	Imagine Math Facts	Stemscopes	myPLTW	Ignite by Hatch	Amplify	Benchmark Education Company
IXL Learning	Suite360	Studies Weekly	EVERFI	Actively Learn	Infobase Learning Cloud	Virtual Job Shadow
Active Classroom SSO	Perfection Next	Office 365	News2you	Pearson - Review360	STAAR MASTER ebooks	Zoom - Teachers & Staff
Defined Learning (formerly Defined STEM)	myLexia	Hatch Insights	Hatch Hub	Intervene SSO	NWEA MAP Student	ThinkCentral
TeachTown	ALL In Learning	Google Classroom	Google Drive	Flipgrid	Open eBooks	mCLASS
CLI Engage	Microsoft Teams	Minecraft: Education Edition	BrainPOP Suite	NWEA MAP Growth	Reasoning Mind	......

Implementation & Support – Schoology Learning Management System (LMS)

1 TEA & BISD Board Approved Learning Management System (LMS)

2 Fully Integrated with eSchoolPLUS Student Information System, Grade Book, Clever, Google and TEAMS
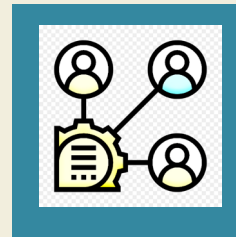
3

4 BISD Email Authentication & Student Safety– No Codes or Security Loopholes

Angel Morales & Marco Morales
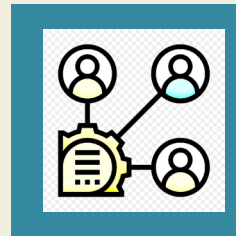
64 Campus Ambassadors

Implementation & Support – Projects

Projects

Online Registration

- PK Round-Up and New Students 2022-23

- Online Registration Upgrades & Configuration

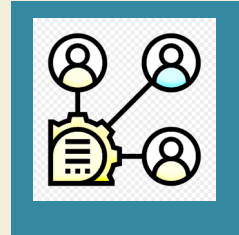- Online Registration Staff Training

Implementation & Support – Projects

Health Services Online

- Medical Online Documents Upgrade

- Online Document Management System Review

- Health Services Software Portals – *In Review By Health Services*

Implementation & Support – Projects

Projects

Parental Involvement Project

- Home Visit Request Online

- Home Visit Request Approvals and Workflow

- Homeless Requests

- Attendance Dashboards

- Mileage Capture and Reporting

- Collaboration with Parent Engagement Office, Homeless, and Federal Programs staff

Implementation & Support – Data & Funding
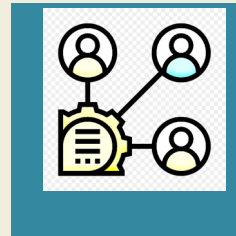
State Funding Data Projects

- PEIMS Data Errors

- Optional School Day Program (OFSDP) Data Transfer

- Additional Days School Year (ADSY) Data Transfer

- Attendance Data Clean-up

- End-of-Year Data Procedures

Projects

Thank you team!

I would like to take the time to recognize the following staff for their contributions in Computer Services:

➢ Dr. Rene Gutierrez, Superintendent of Schools

➢ Dr. Nellie Cantu, Deputy Superintendent

➢ Todd Nichols, Computer Services Asst. Director

➢ Julie Pedraza – MIS Supervisor/Programmer

➢ Leo Gomez - MIS Supervisor/Programmer

➢ All managers and specialists in the Computer Services Department

➢ Campus and Department Administrators

➢ All district TSTs at all campuses