



Technology Division

Ector County ISD School Board Update
Spring 2021

ECISD Technology Priorities

Learning Environment is supported by Technology

ECISD Technology provides:

- Mobile Devices
- Safety and security for staff and students while online
- Connectivity to network and resources
- Availability to accurate secure data
- Ongoing Professional Learning to enhance teacher and student experience in classroom

ECISD Technology Directors



Toby Lefevers

Information Technology



Heather Potts

Information Systems



Lauren Tavarez

Instructional Technology



Technology

Reliance

*dependence on or trust in
someone or something*



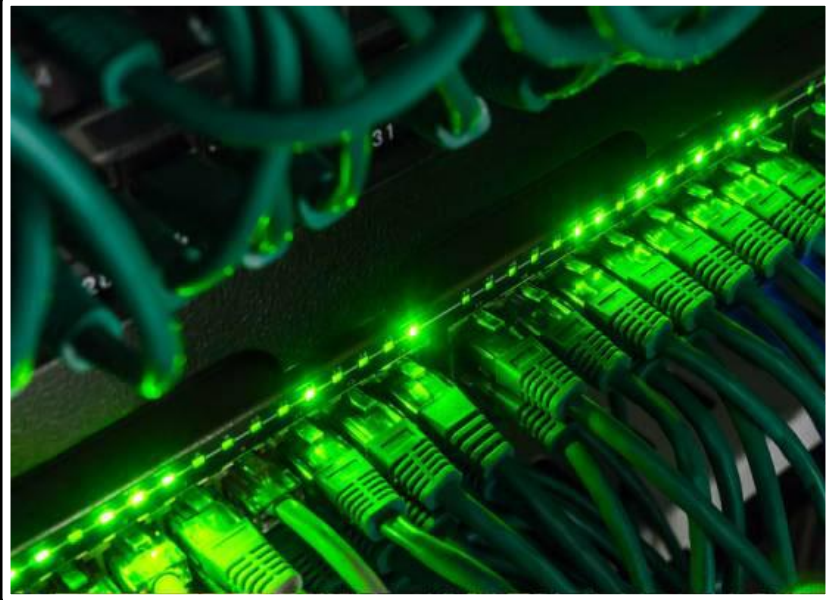
Accelerate

The pandemic made our need for technology more necessary and urgent.

“We will not go back to outdated learning environments or traditional learning structures in our school buildings, because we know that is not the most effective way to engage learners.”

Dr. Scott Muri

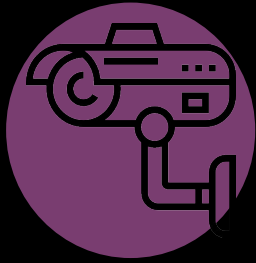




ECISD
**Information
Technology**

Staying
connected and
safe.

Safety



**Security
Cameras**

1802



**Access
Points**

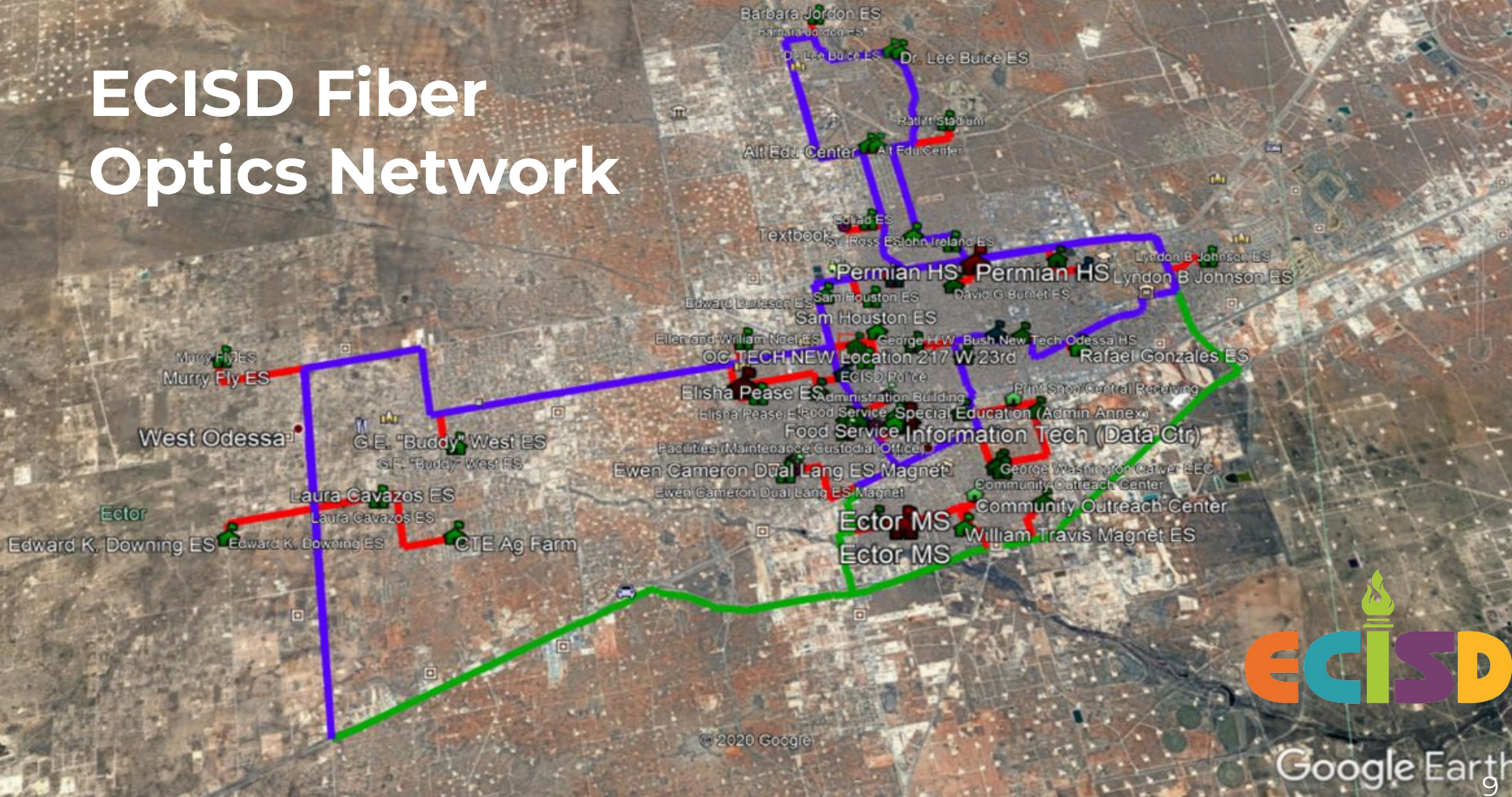
2873



Fiber

81.13 Miles

ECISD Fiber Optics Network



Google Earth

Wireless Connectivity Canopy

Wireless access points installed for mass connectivity:

- ✓ Every Classroom Portable
- ✓ Large Group Instruction Areas
 - ✓ Libraries
 - ✓ Cafeterias
 - ✓ Common Areas
 - ✓ Gyms
 - ✓ Auditorium



ECISD goal is to have a wireless access point in every classroom 2021-2022 10

Purchasing Student Devices



Devices

Chromebooks 25486

iPads 11640

\$3,732,046



Funding Source

TEA Operation
Connectivity

\$2,611,523



Matching Funds

City of Odessa

\$850,000

Ector County
Commissioners

\$270,523

**Total
Cost to
District**

\$0



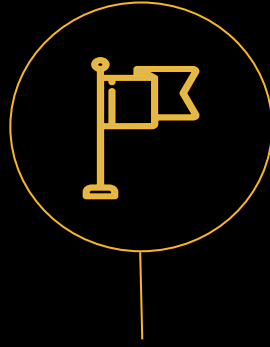
Broadband 2020-2021



SpaceX

Chiefs for
Change
Grow Odessa
Moody
Foundation
\$300,000

135 Families



Local Service Providers

Chiefs for
Change
\$50,000

220 Families



MiFi

Hotspots

TEA Operation
Connectivity
\$209,000

1000 Families



TEA

Operation Connectivity Taskforce

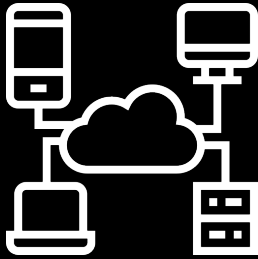
Dr. Muri is a
member

Sustainability of Student Devices

- A device for every ECISD student
- 2022-2023 ECISD will purchase a device per $\frac{1}{4}$ of student enrollment each year (32,000 devices = 8,000 per year)
- Device life is 4 years
- Prek-2 iPad (8,747)
- 3-12 Chromebook (22,734)

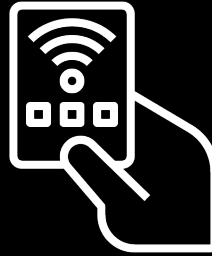


Future ECISD Technology Projects and Upgrades



Network Systems Upgrade

Servers, Switches, Data Storage: Storage Area Network (SAN)



Access Control Software

Video Surveillance/Access Control Software, Equipment



Content Filtering

Update Content Filtering Program (Children's' Internet Protection Act)



Information Systems

All About Data:
Student, Staff and
Business





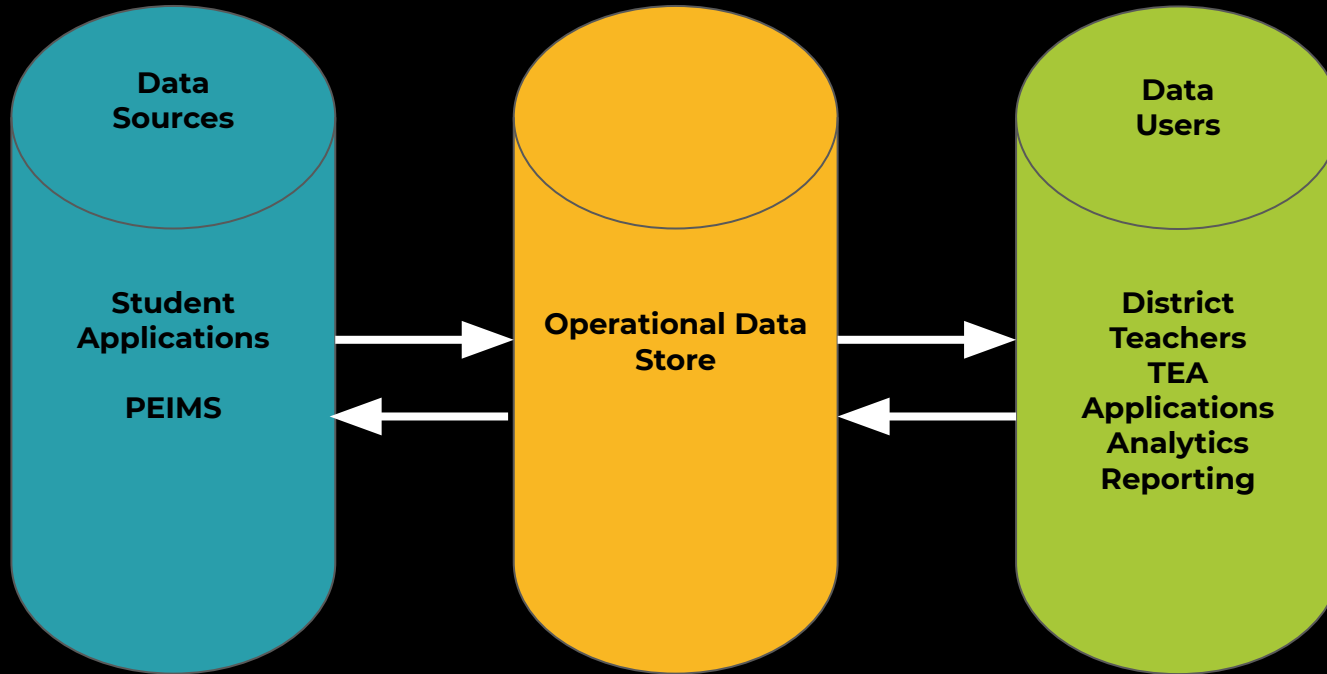
**“We’re entering a new world
in which data may be more
important than software.”**

**Tim O’Reilly
Founder, O’Reilly Media**

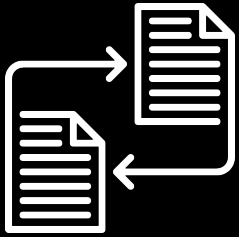
Access to Data



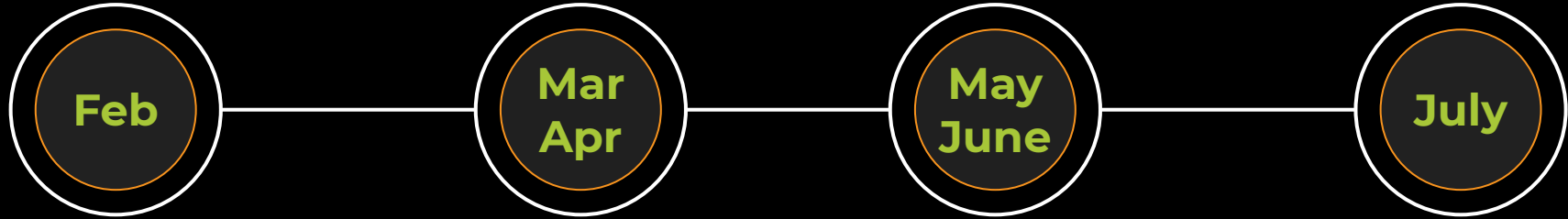
Operational Data Storage



Ed-Fi Data Standard: Allows multiple systems to share data seamlessly



Student Information System Migration to Ascender



New product demonstrations to end users

Create small focus groups

Obtain testing environment

Work with small focus groups

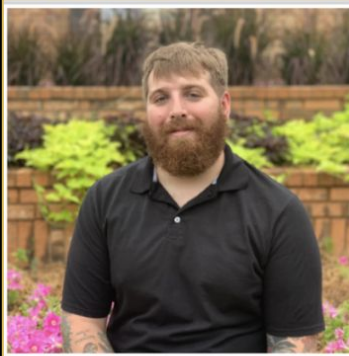
Training end users

Go Live July 19-21





ECISD
**Instructional
Technology**
Empowering
with #edTech



CHRIS BARTLETT



JESSICA DOMINGUEZ



MANDY HINOJOS



SHELLY MADRID



STEPHANIE MARIN



AMANDA WEBBER



ECISD
Instructional
Technology
Specialists



Building Capacity in ECISD Staff

1,500 hours



Professional Learning
Participants

1,750 views



Digital Resources
Available

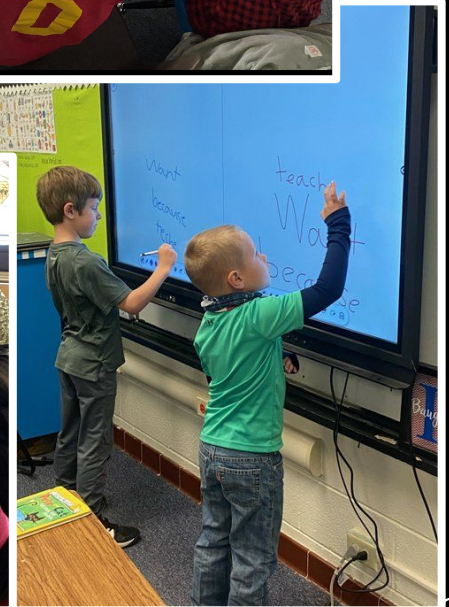
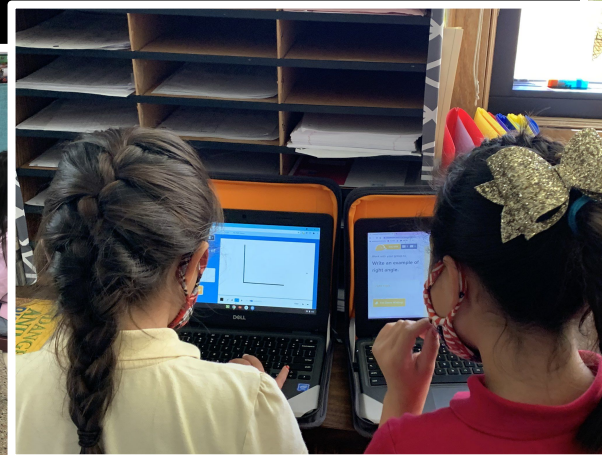
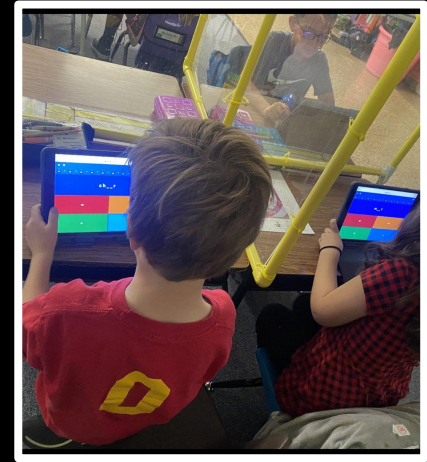
4,249 followers



Social Media
Connections

Igniting Love for Learning

- Optimize time with students
- Personalized learning
- More opportunities for student engagement
- Many tools to help teachers to be more efficient





Without quality

professional development,

The only thing that goes up
when you buy new technology

is the light bill.

FriedTechnology

Our Supports Redesigned



Synchronous

Professional Learning

Offered face to face or virtually

- Training sessions for all ECISD Staff
- Learning specific to campus needs in PLCs

TechTok
with the #techtoktribe
BECOME YOUR BEST-SELF WHEN YOU LEARN WITH YOUR TRIBE

Join us during our lunch & learn quick bite.
Our 20-minute session with you will be sure to fill your plate with some great technology integration for your classroom!

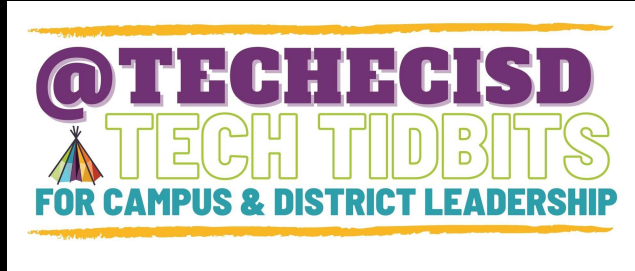
Ector County ISD
Instructional Technology
LEADING LEARNING
with #edTech

Our Supports Redesigned



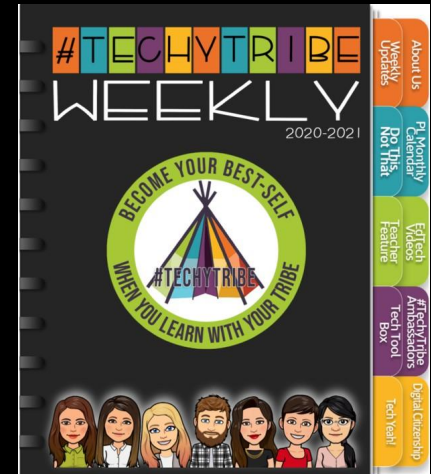
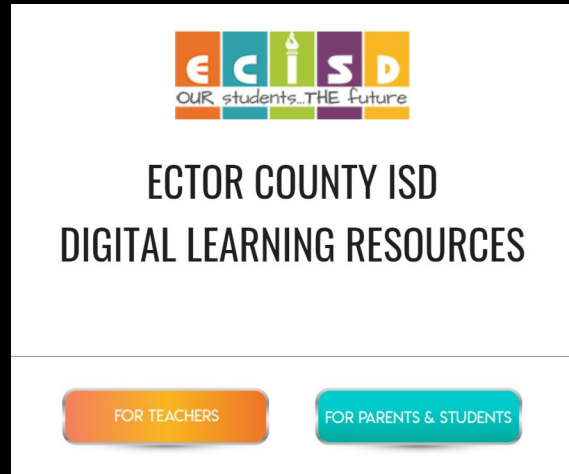
Asynchronous

Professional Learning



Any time, anywhere learning

- Technology Integration for Learning
- Help & How To Resources available online for staff and families



Personalizing Learning with LMS

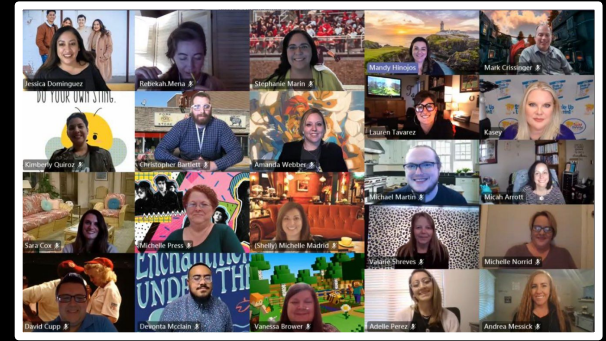
Schoology District Wide Rollout Fall 2021

- Learning Management System
- Simplifies organization of digital learning
- Offers many options for personalizing learning with the digital tools & features available within!
- Streamlined communication with parents & families
- 76 teachers engaged as our “Schoology Pilots”
- Feedback being collected & training for this summer planned!



#TechyTribe Ambassadors

- ECISD #edTech Teacher Leaders
- Purpose for structure:
 - Ongoing growth of #edtech integration skills
 - Establish a network
 - Test drive tech tools & provide feedback
- Completing year 2 of this opportunity
- 20 total teachers active representing



***Become your best self when you learn
with your Tribe!***





Technology will not
replace great teachers
but technology in the
hands of great teachers
can be transformational.

George Couros



ECISD Technology No Slowing Down

QUESTIONS | COMMENTS | FEEDBACK