




T e c h n o l o g y

O r a n g e U n i f i e d

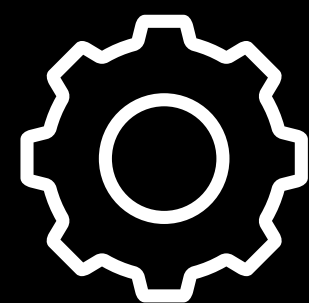
The background of the image shows a stack of books in a blue folder. The books have various spines, some with labels like 'x9970' and 'A.H.'. In the background, a person's face is visible, looking towards the camera. The overall lighting is dim, with the text being the brightest element.

**Collaboratively support
the success of our
students, staff, and
educational partners**

Technology Services Mission

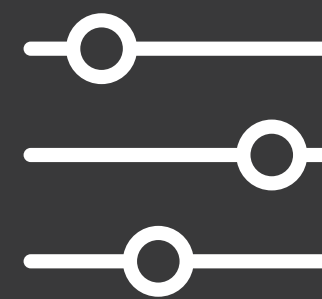
A dark-colored laptop is shown at an angle, with the 'dynabook' logo visible on its lid. Overlaid on the image is a large, white, double-lined triangle pointing upwards. The text 'Information Technology' is written in a white, sans-serif font across the lower portion of the triangle.

Information Technology



CALPADS Reporting

State Reporting
CALPADS
Power BI Analytics



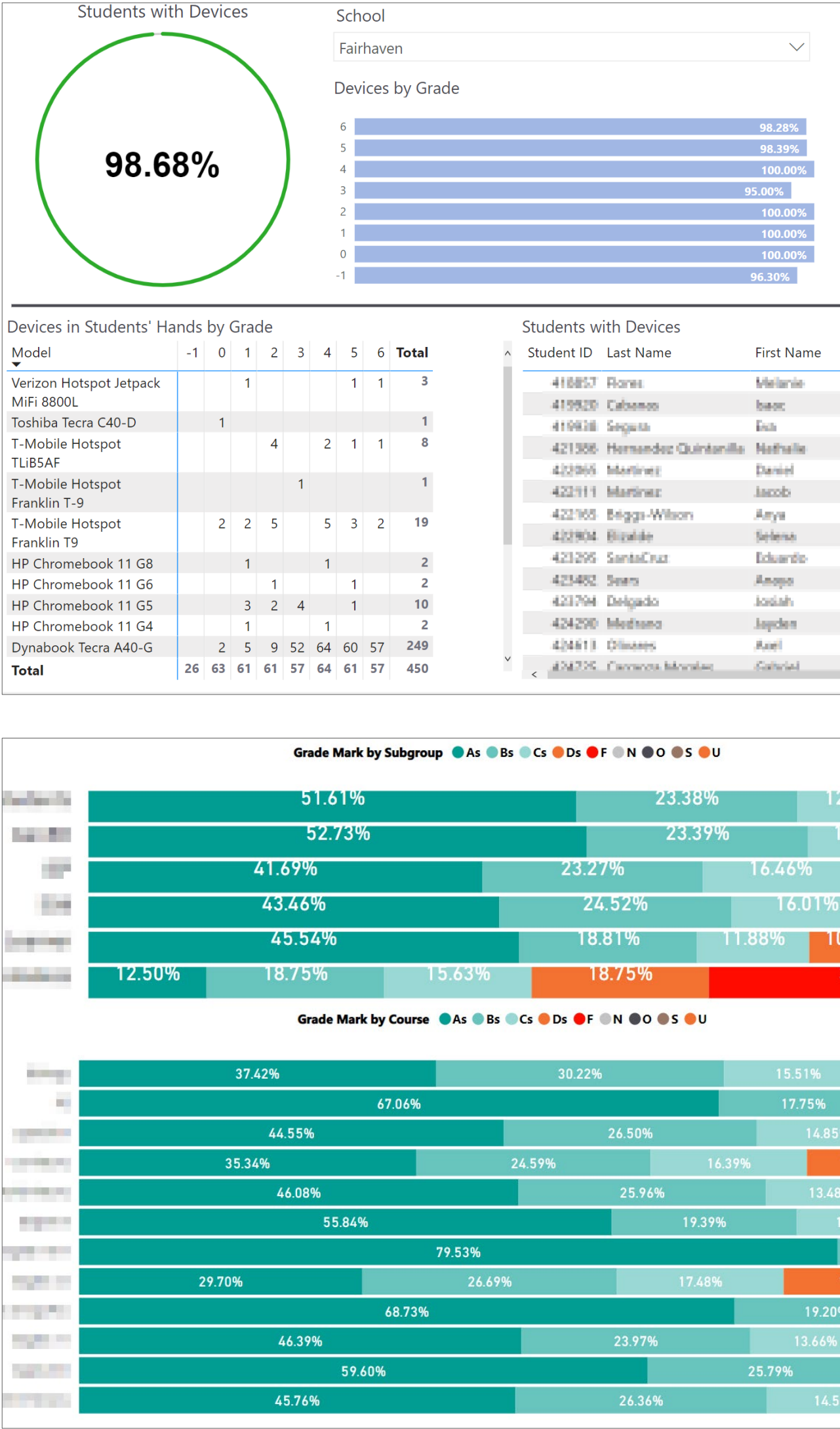
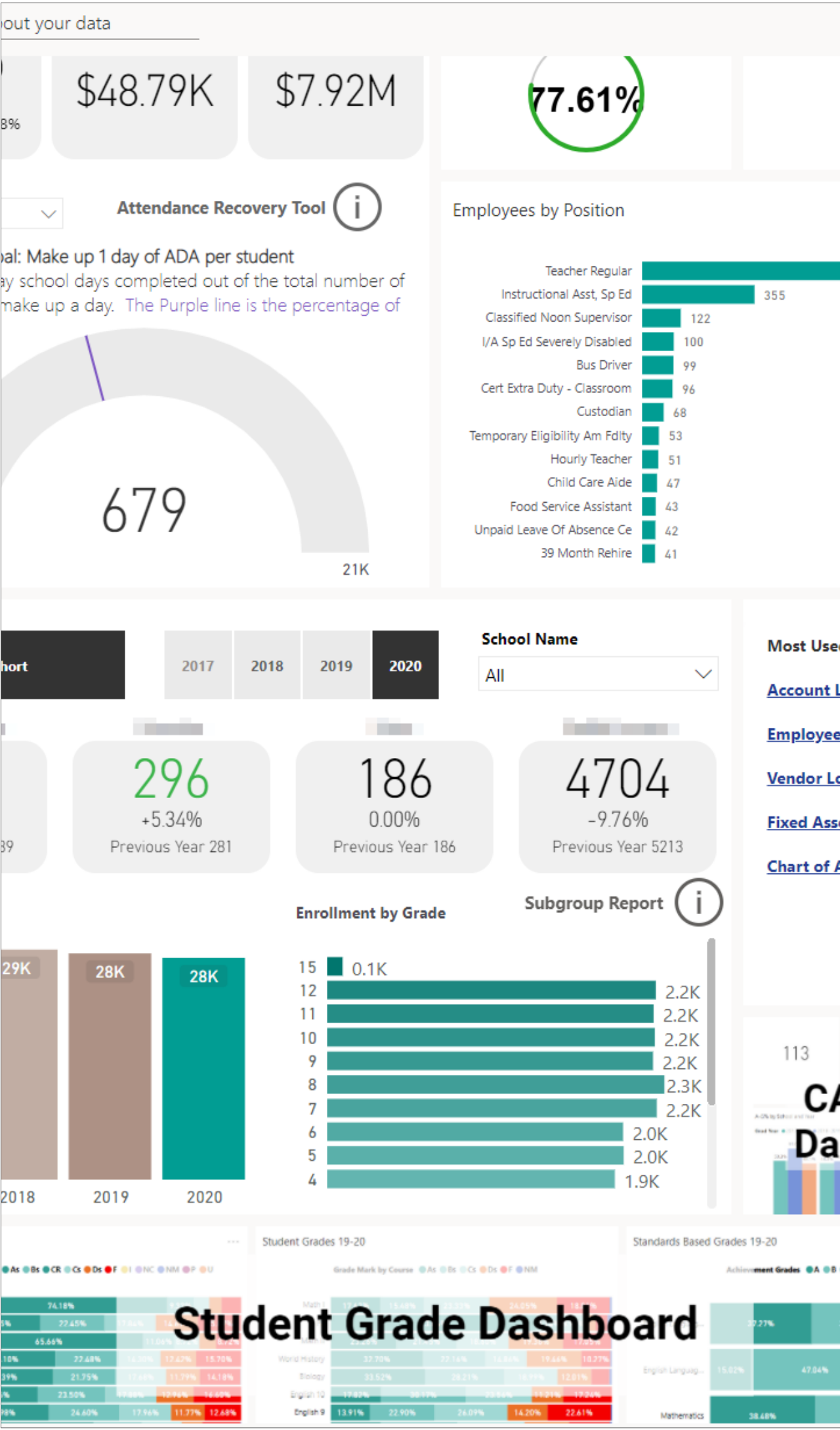
Network and Systems

Network Infrastructure
Aeries Student Information System
Financial Systems



User Support

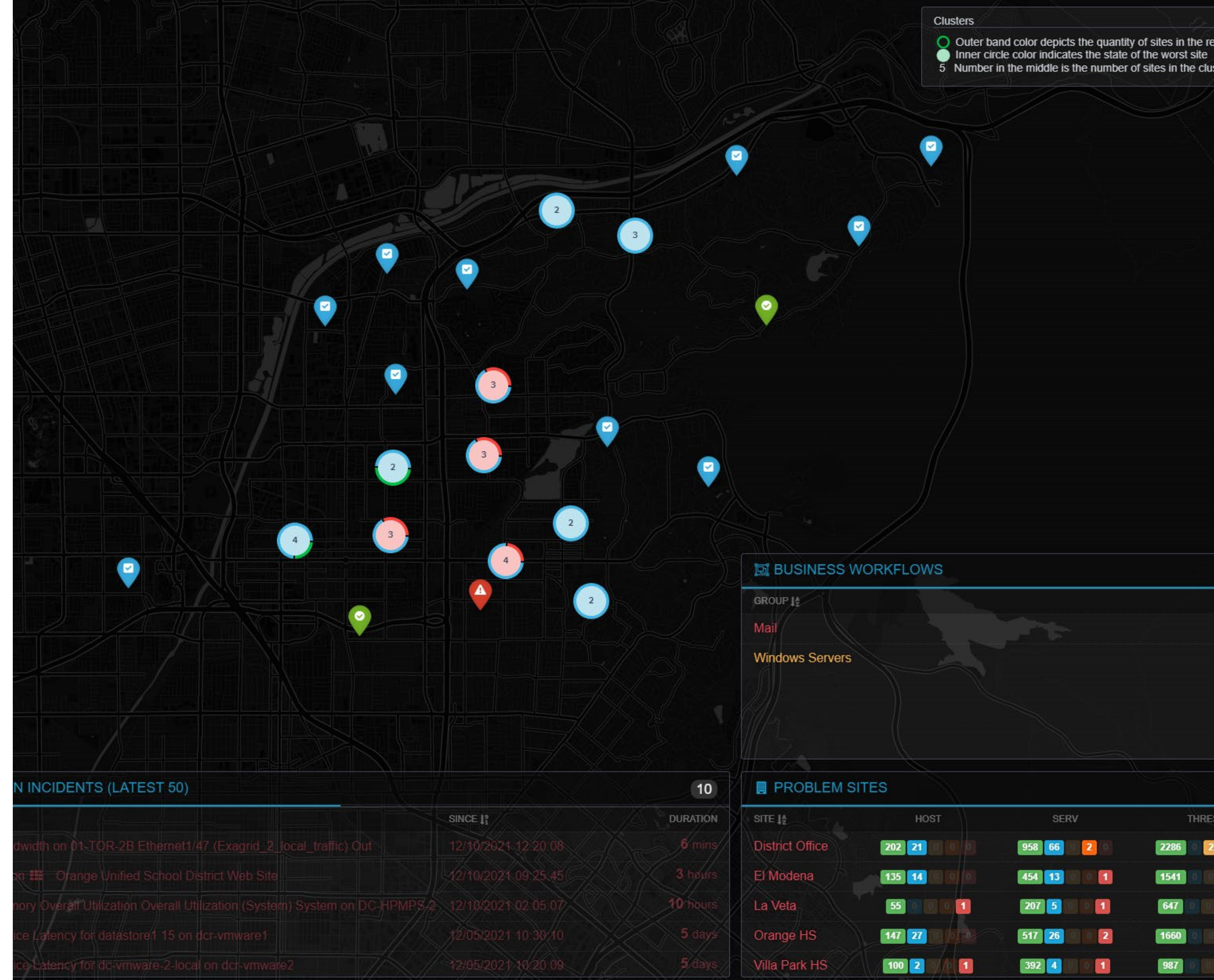
Site Support
Data Integration
Device Lifecycle Management



Network and Systems

Network Infrastructure

Aeries and Financial Systems





U s e r S u p p o r t

User Support

Device Lifecycle Management

Data Integration

- School Sites
 - Hardware setup
 - Software installation
 - Technology troubleshooting
 - Technology professional development
 - Inventory support
 - A/V coordination
 - Report Cards
 - Device setup
 - Device lifecycle management
 - Educational technology assistance
- Departments
 - Superintendent
 - Board meeting support
 - Accountability, Equity & Engagement
 - LCAP Survey deployment
 - Accounting
 - MAA report for Special Education
 - Accounts Payable
 - Financial system support
 - Check Runs
 - Adult Education Program
 - Account creation for non-student
 - Activities/Athletics
 - Athletics reports from Aeries SIS
 - HUDLE camera support at CHS
 - Attendance Accounting
 - Charter Shift
 - Attendance Configurations
 - Alternate Bell Schedule
 - Board of Education
 - Virtual Board Meeting support
 - Board member technical support
 - BoardDocs
 - Business Services
 - Data reporting
 - Analytics dashboards
 - Budget Year End Roll Over
 - SACS Update
 - ACA File
 - Budget
 - Pull ESSA Data
 - Pull SARC Data
 - Data analytics
 - Communications
 - Video/media hosting
 - School Messenger email/call platform
 - Finals site website deployment
 - AudioEye ADA compliance
 - Garage
 - Megatrak Gas Metering
 - Facilities and Planning
 - Bond projects design
 - New equipment installation
 - On-going technical support for classroom AV
 - CTIP/Induction
 - Student teacher accounts and licensing
 - Curriculum & Instruction
 - Data integration and support for McGraw Hill, Imagine Learning, SAVVAS, Voyager Sopris, Discovery Education, OverDrive Sora, Apex Learning, Amplify, Nearpod, Scholastic
 - Data sharing and analytics
 - AVID Report
 - Summer School support
 - Educational Services
 - Alternate Grad Track
 - Fred Kelly Stadium
 - Marquee support
 - Jumbotron network support
 - Nutrition
 - Import free and reduced students through direct certification
 - Server support
 - Risk Management
 - Import benefits from Open Enrollment
 - GATE
 - Testing software deployment
 - Health Services
 - Setup messaging to employees
 - Home/Hospital Programs
 - Data integration for remote student learning
 - Human Resources
 - Evaluation Reports
 - Independent Study
 - Substitute account creation and access control
 - Language Assessment Center
 - LPAC Upload / Data Reports
 - Pull Newcomers Report (Out of Country new Students)
 - Reclassification Report
 - Elevation Report
 - Mail Room
 - Mailing list creation
 - Address validation
 - Maintenance & Operations
 - Security cameras
 - Bell systems
 - Air conditioning control systems
 - Network repair
 - Fax over ethernet
 - Payroll
 - W-2 calculations
 - Retro Calculations
 - 1099
 - Print Shop
 - Maintain and deploy printers to computers
 - Troubleshoot software issues
 - Psychological Services
 - Gaggles email monitoring
 - Purchasing
 - Fiscal systems support
 - Tech proposals approval process
 - ROP/CTE
 - STEM lab implementation and support
 - Virtual desktop instances for remote learning
 - Custom technology implementation
 - Risk Management
 - Insurance rollover process
 - Security
 - Security Cameras support
 - Special Education/SELPA
 - Data verification and state reporting
 - Special Programs
 - After School Program support
 - ASES reports
 - Student & Community Services
 - Cybersecurity Forensics Investigation
 - Online registration support
 - School transfers support
 - Cal Grant Support (Foster/Mckinney-Vento)
 - Athletic Eligibility
 - Pre-Enroll support
 - Data Confirmation
 - Transcripts
 - Student Information Systems data retention 20 years
 - Transportation
 - Zonar support
 - Bus surveillance camera support
 - Bus charging stations connectivity
 - Bus Pass Picture uploads
 - Warehouse
 - Device setup
 - Inventory



Prepared
For
Success

UNIQUE USERS

THIS WEEK

78%

23,707 Users

Students 77%

Staff 82%

LOGINS TODAY

31,439

16%

37,488 This Day Last Year

LOGINS THIS MONTH

368.6k

14%

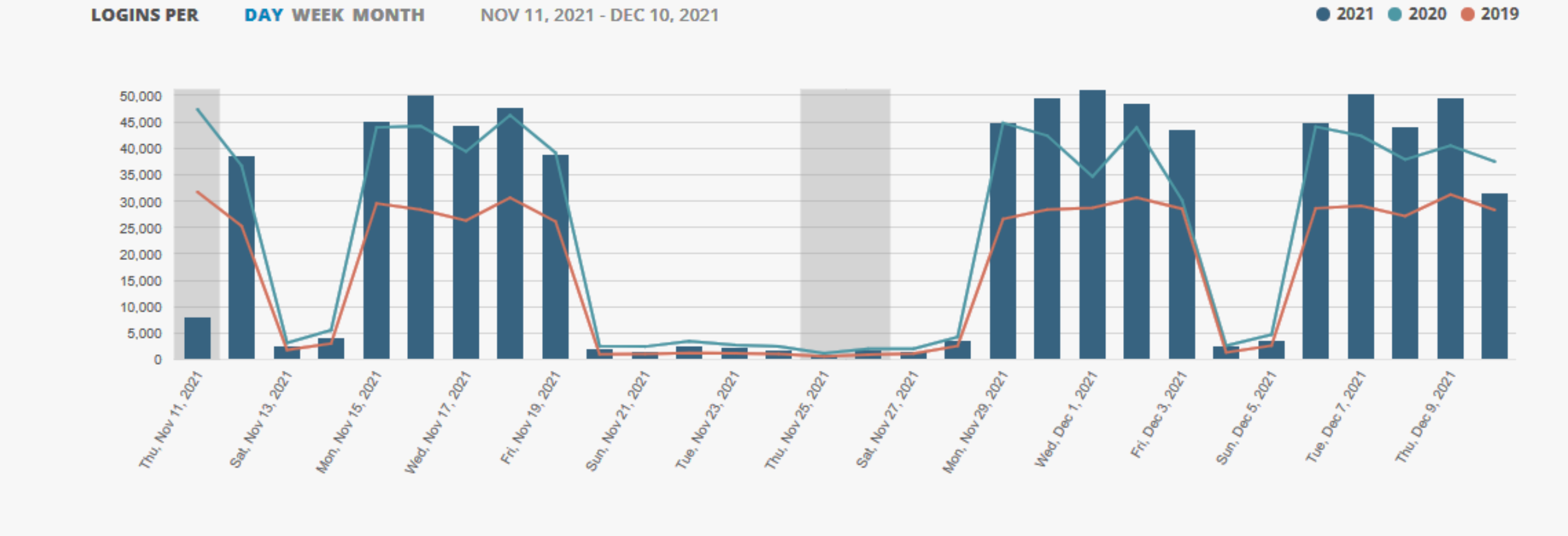
323.2K This Month Last Year

LOGINS THIS YEAR

3.2M

11%

3.6M This Time Last Year



+

🔗

📈

⚙️

📋

📁

📄

?

Aeries SSO

Book Expert

Library

Logout of Clever

SAM New

School Messenger (Orange ...

Tools4Ever

ClassLink Analytics

Imagine Math

McGraw-Hill ConnectEd

Sign Out

GoSignMeUp

Reset My Password

Reset Student Passwords

SAM Admin Login

Trello- OUSD

Webmail

Frontline Absence Managem...

Discovery Education

Employee Information Syst...

Google

PowerSchool Learning

HelpDesk

HelpDesk (Staff)

InformaCast

Knowledge Base

LanSweeper

LightSpeed MDM

Savvas EasyBridge

Help

APP	SOURCE	LAUNCHES ↓	TOTAL TIME SPENT	AVG. TIME / LAUNCH
☆ i-Ready	District	314.8K	40,700h	9m
☆ Classroom	District	244.4K	34,302h	4m
☆ Aeries	District	82,224	2,364h	1m
☆ Savvas EasyBridge	District	77,822	7,903h	4m
☆ McGraw-Hill ConnectEd	District	44,540	3,614h	4m
☆ Aeries SSO	District	38,916	8,334h	6m
☆ Webmail	District	37,082	6,653h	5m
☆ SAM	District	32,337	457h	< 1m
☆ Gmail	District	30,785	1,005h	1m



S a f e t y

Filtering Everywhere

On premise and mobile internet
filtering for all student devices



W e l l n e s s

Gaggle

Email and Google Apps For
Education monitoring for students



C o m m u n i t y

Community Support

Phone and in-person community
support for 14,000 households



User Device Lifecycle

22,000 14" HD Laptops

7,000 iPads 700 LCD Monitors

1,100 Voice Amplification Speakers



Educational Technology



E d u c a t i o n a l T e c h n o l o g y

Technology & Standards

Connecting effective instruction to available technology



COLLABORATION

Connecting Students to
information and the world



RESEARCH

Developing ideas based on
gathered information from
multiples sources

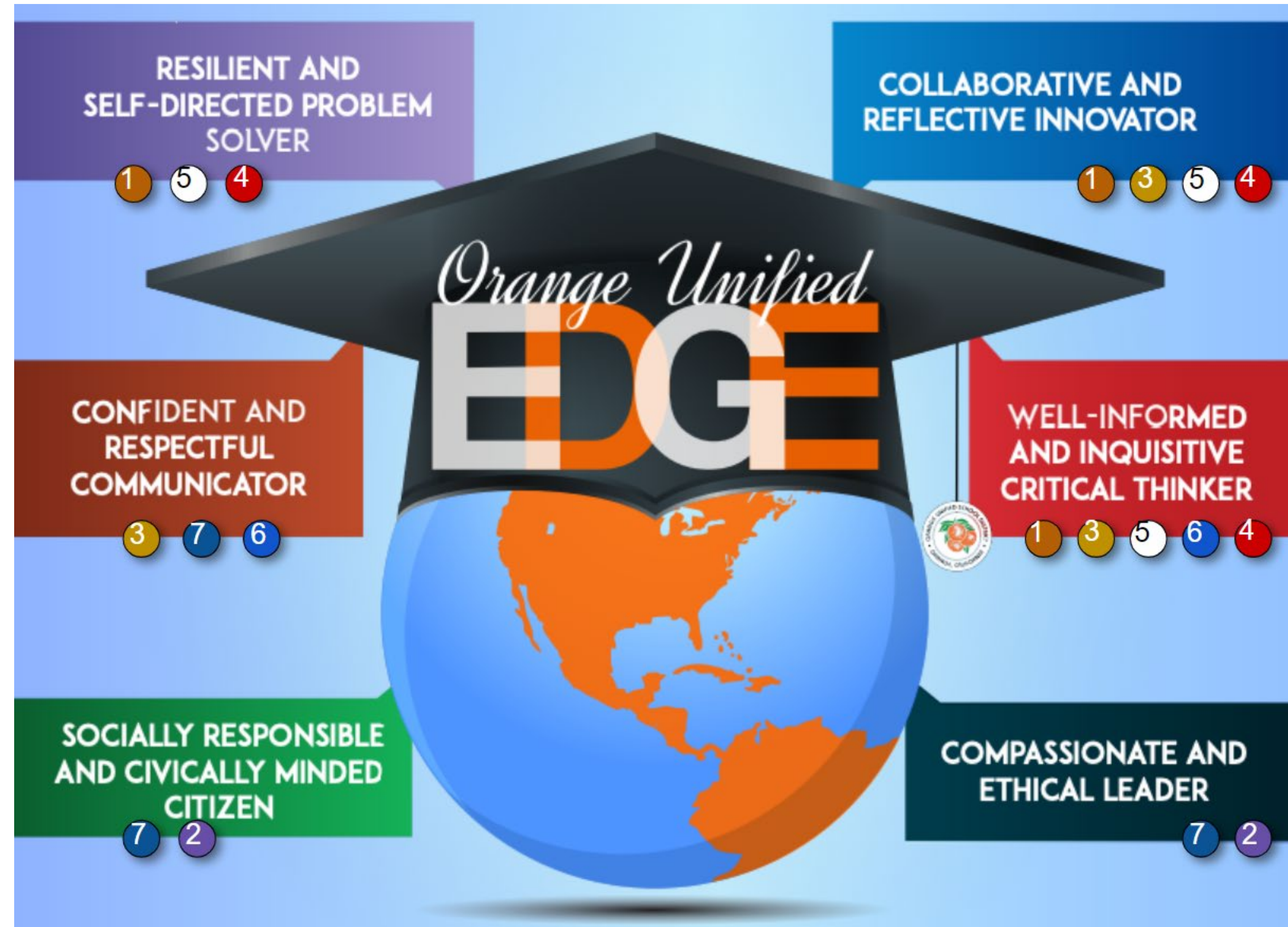


PRESENTATIONS

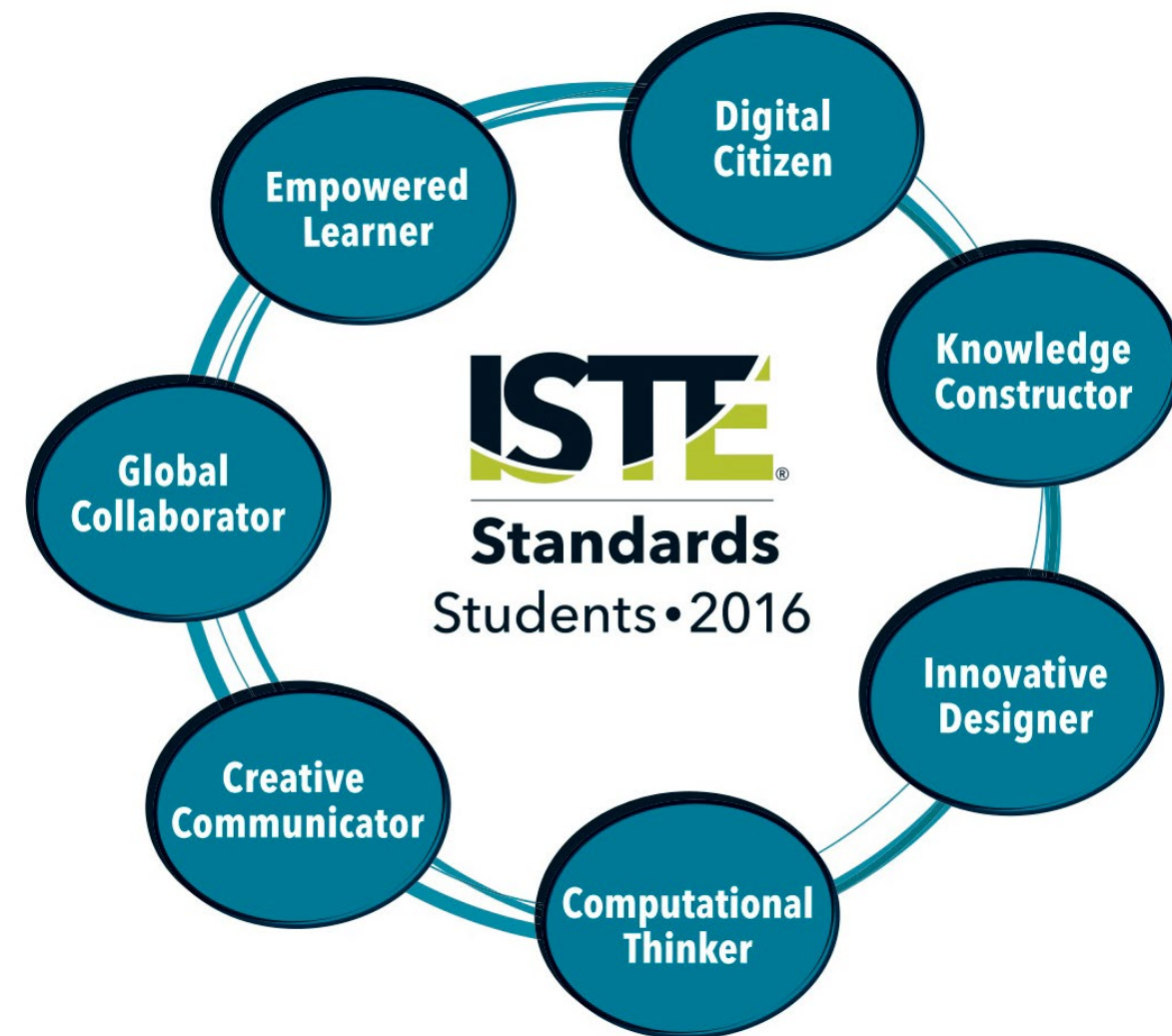
Creating messages that
support developed ideas from
research

Graduate Profile

- 1 **Empowered Learners**
- 2 **Digital Citizens**
- 3 **Knowledge Constructors**
- 4 **Innovative Designers**
- 5 **Computational Thinkers**
- 6 **Creative Communicators**
- 7 **Global Collaborators**



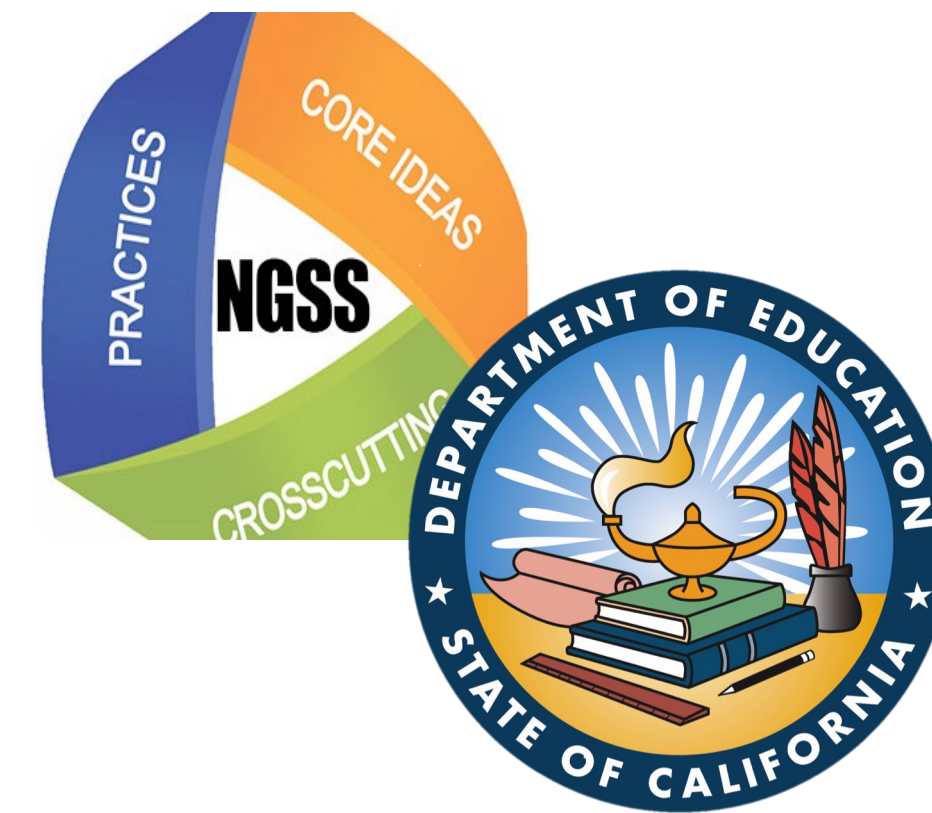
Alignment Creation



National
Technology
Standards



AVID Anchor
Standards &
Strategies



NGSS, CCSS

Digital Literacy Categories		Alignment	Skills	P	K	1	2	3	4	5
	Word Processing	W 5, W 6, W 10	Use a word processing application to write, edit, print and save simple assignments	O	I	R	R	M	M	M
		W 5, W 6, W 10	Use menu/toolbar functions (e.g. font/size/style/, line spacing, margins) to format, edit and print a document			I	R	R	M	M
		W 5, W 6, W 10	Highlight text, copy and paste text			O	I	R	M	M
		W 5, W 6, W 10	Copy and paste images within the document and from outside sources. Insert and size a graphic in a document			I	R	R	M	M
		L 4	Proofread and edit writing using appropriate resources (e.g. dictionary, spell checker, grammar, and thesaurus)			O	I	R	M	M

First Steps

Digital Literacy

Digital Literacy provides skills for students to create in state assessments or state standards.

Alignment document shows connections from Pre K to 12th Grade

First Steps

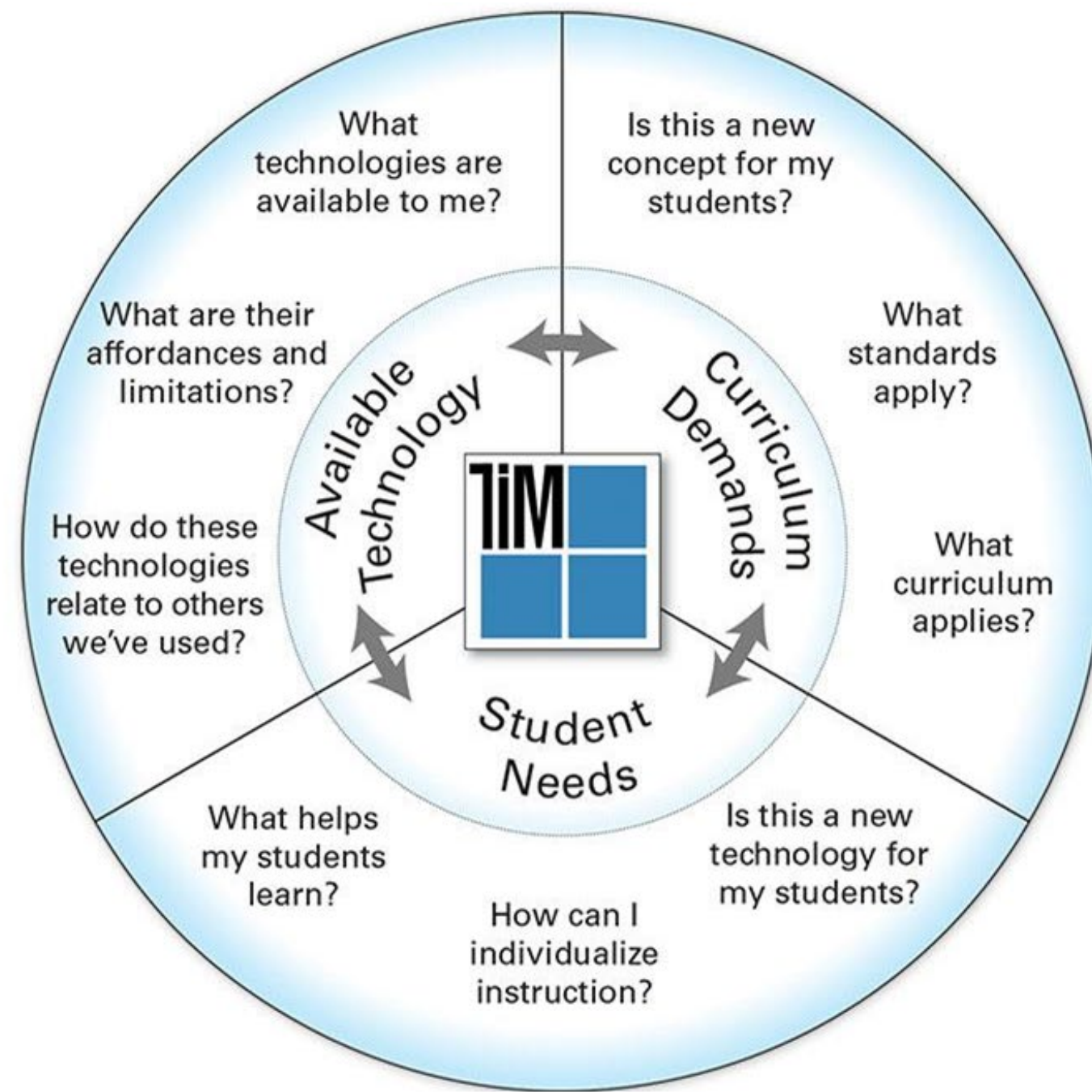
Digital Citizenship

Common Sense Media is a nonprofit organization that works together with districts to build a digital world where our students can thrive. 100% of students are given lessons every year.



KnowBe4 is the nation's premiere cyber security training platform utilized by public education and higher education. It is currently used to give lessons to staff on being an integral part to securing the educational ecosystem.





Instructional Planning Model

Technology Integration Matrix is a researched based framework that provides structures on how to implement technology successfully.



Learning Characteristics

TIM has researched based learning environment characteristics that support intentional use of technology in the classroom for learning.



Aeries



Amplify



Big Day for Pre K



EADMS



Apex



Library



Book Expert



New Folder



Office 365



Gmail



Savvas Easy



Discovery Education



SAM



Sora



Sora



Minimate Student



Google



Nearpod SSO



Seesaw Official



Acadience Learning
Studen...



Tech Survey



Logout of Clever



TCI

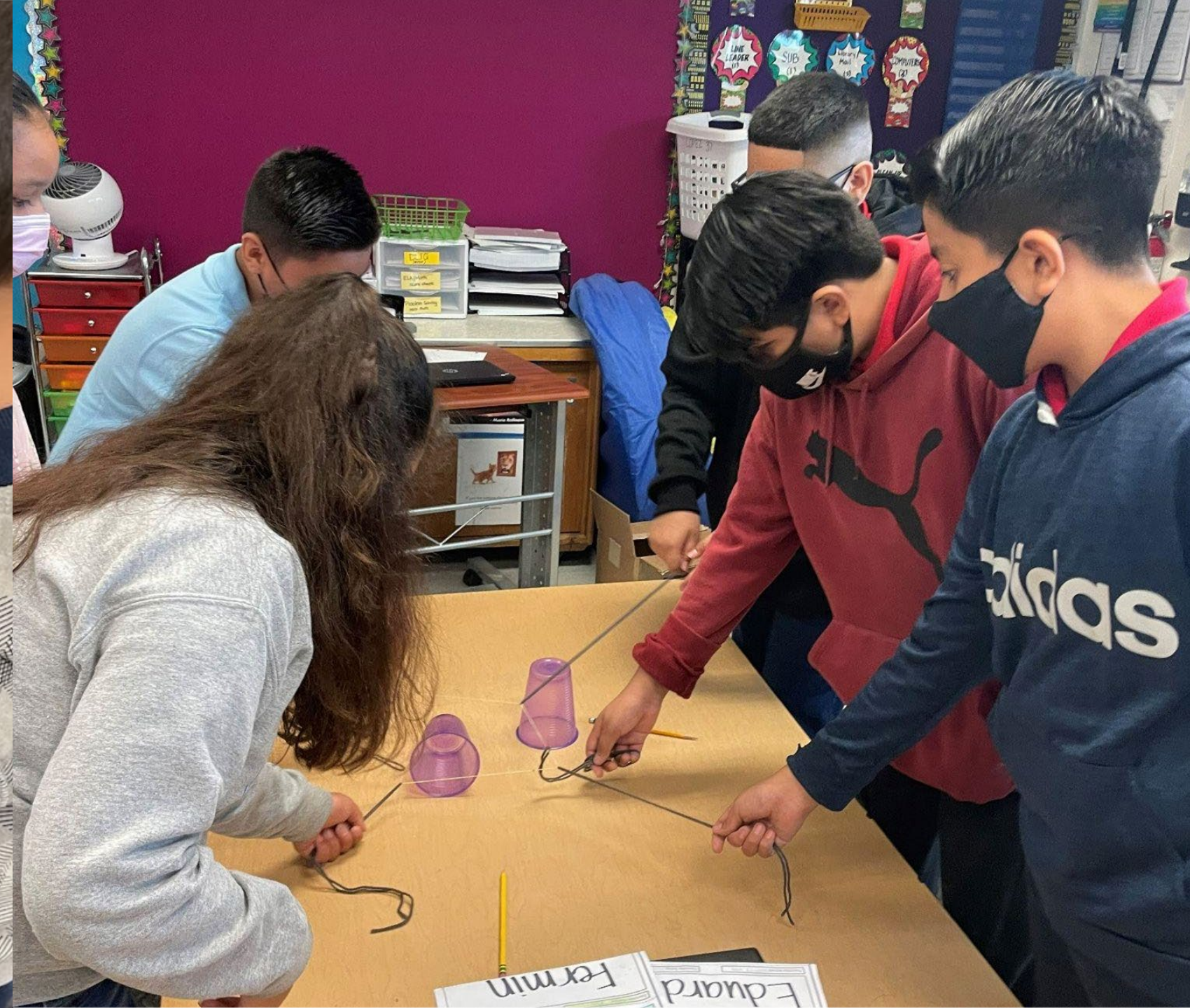


LCAP Student
Survey



A photograph of a classroom scene with several students wearing face masks and using laptops. The students are focused on their work, and the classroom environment is visible in the background with posters and bookshelves. The text "From the Classroom" is overlaid in a white box across the center of the image.

From the Classroom



COLLABORATION

Notes! Students have create own folders for spelling, writing, math notes, etc.

Document Camera to showcase student work

Organize and Strategize online with Google Sites. Students building teamwork start of the year in a challenge to work together.

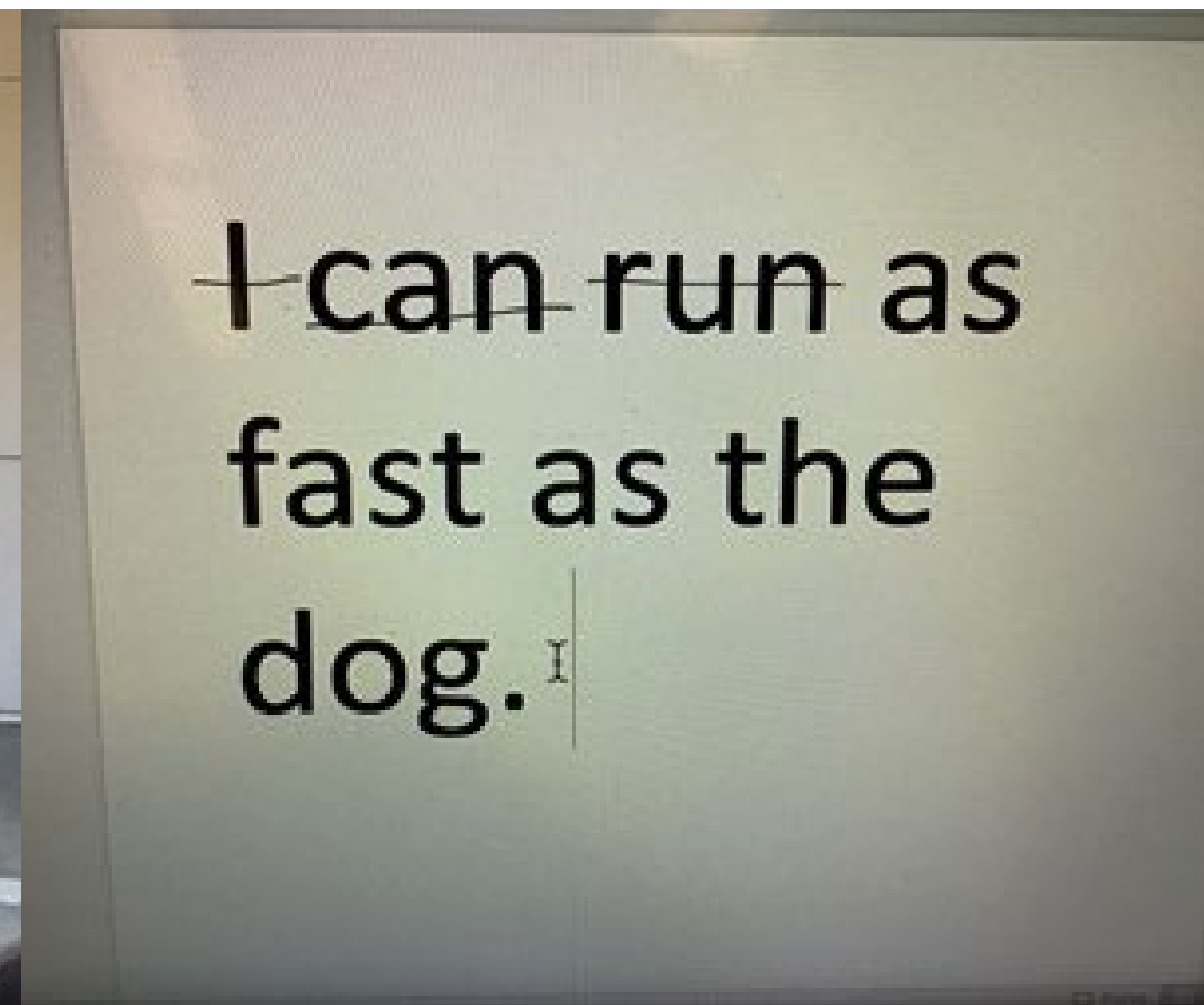
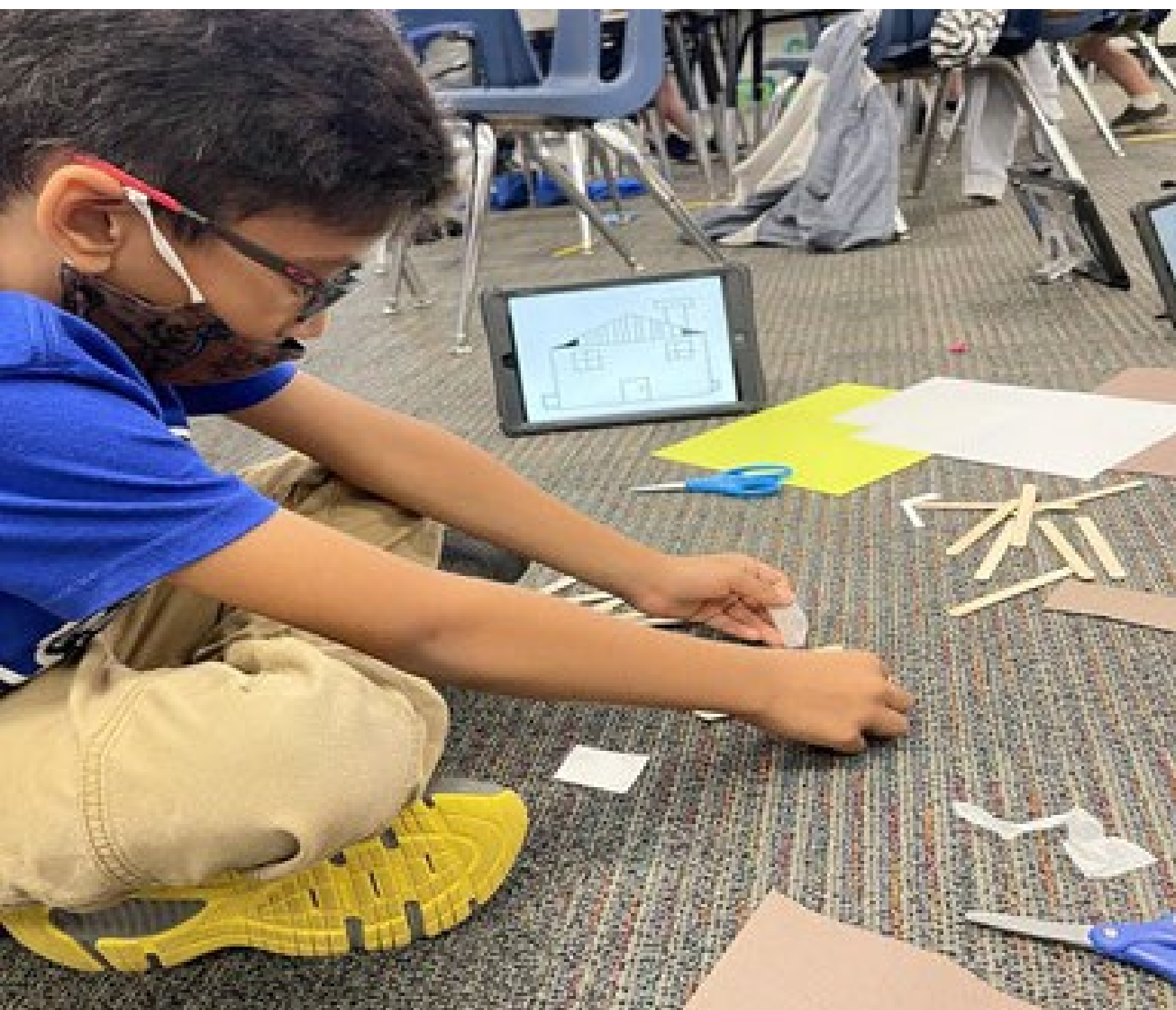
Collaboration in stop motion animation in conjunction with Wonders Curriculum

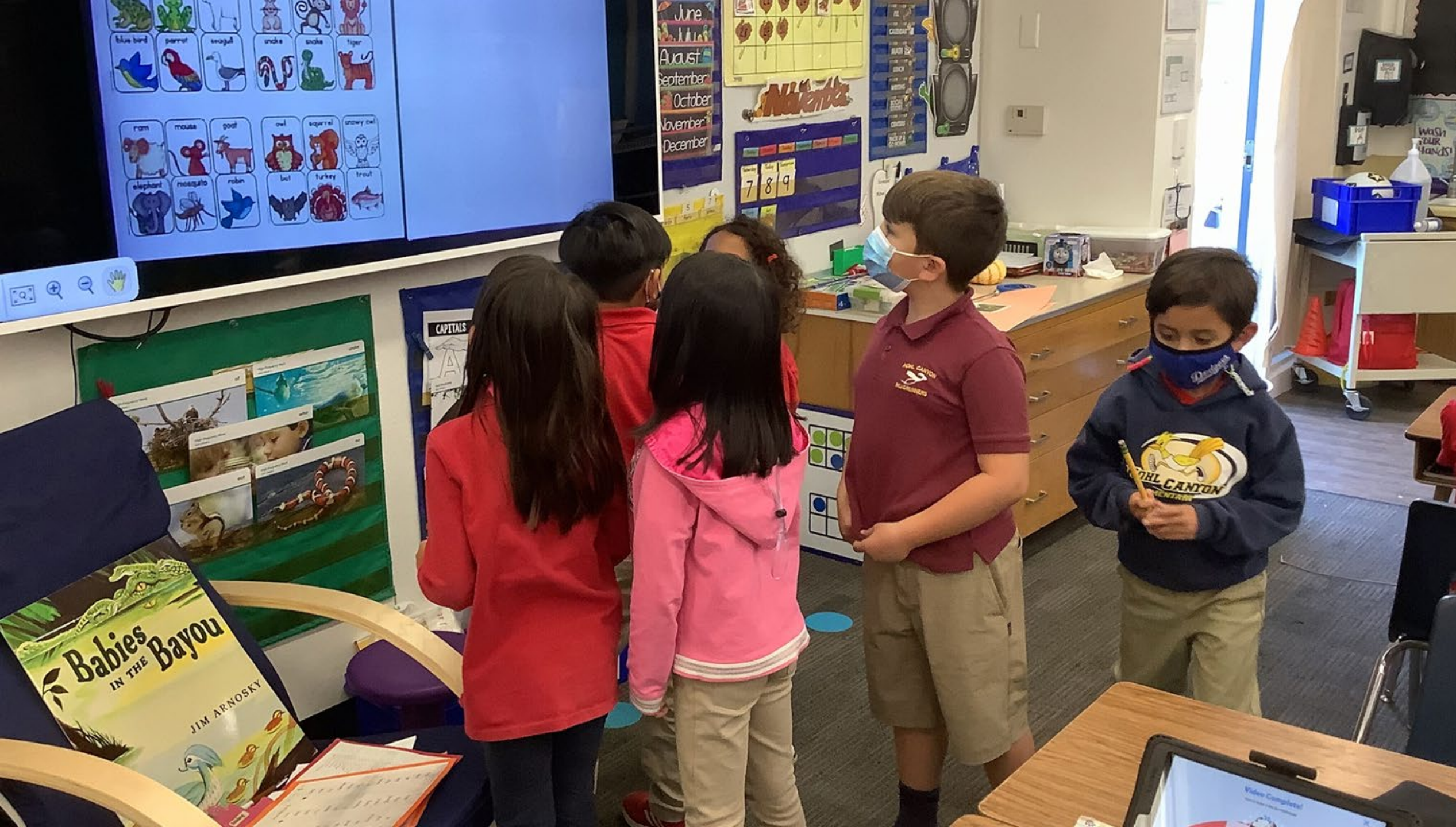
LEARNING

Student using notes app to make a blueprint, then using their blueprint to build their building.

“Places we go...” Touring school and taking picture of sites aligned with Kindergarten Standards.

Implement accommodations per IEP effectively to take pictures of model sentences copied from the board increasing visual access then “Mark Up” tool crossing out words out to help them keep track.





Engagement

Seesaw to work on sight words. Students read sentences and walk the room taking pictures of items matching colors in the sentences. SDC

Engagement

iPads used to research letter / words topic.
Use image tab inspire writing, drawing, and vocabulary about topic.



A photograph of a classroom scene where a teacher with long blonde hair is leaning over a desk to help students. One student is using a laptop that displays a website with a 3D architectural rendering. Another student in the foreground is looking at a laptop with the 'dynabool' logo. A third student in the background is holding a green poster titled 'To do my best...'. The entire image is dimmed to serve as a background for the text.

**Work Less
Teach Smart
Learn More**

Teacher Support = Student Success

Teacher Tech Leads

Library Media Specialists & Technicians

Professional Development Committee

Asynchronous and Synchronous Professional Development

Educational Technology Coaching TOSA

Educational Technology Advisory Committee

Online Education - Credit Recovery, Original Credit, OrangeLIVE

Technology Evaluations – Apps, Extensions, Websites, Equipment



NASCAR
IN 1970's



NASCAR
IN 2020's

TEACHING IN 1970's



TEACHING IN 2020's





M I C R O S O F T D Y N A B O O
O U S D C A S E S T U D Y