DENTON
INDEPENDENT SCHOOL DISTRICT

One District, One Purpose

Robert Pierce - Chief Technology Officer

Enterprise Information Systems (EIS)

Board Goal | Families and our communities are highly engaged.

Digital Learning

Board Goal | Students will demonstrate evidence of reading on grade level by the end of 3rd grade

Systems Infrastructure

Board Goal | Staff members are highly engaged.

Integrations

Board Goal | Students will demonstrate evidence of mastery of Algebra I by the end of 9th grade.

Technology Services

Board Goal | Students will be engaged in extra/cocurricular activities.

Network Infrastructure

Board Goal | Students will graduate college, career, and/or military ready.

Meet Olivia

A Denton ISD student whose journey reflects the **collective experiences of students** across our district.

From her first day in Pre-K to high school graduation, Olivia's story showcases how our teams empower every student every step of the way in alignment with our **6 Board Goals**.
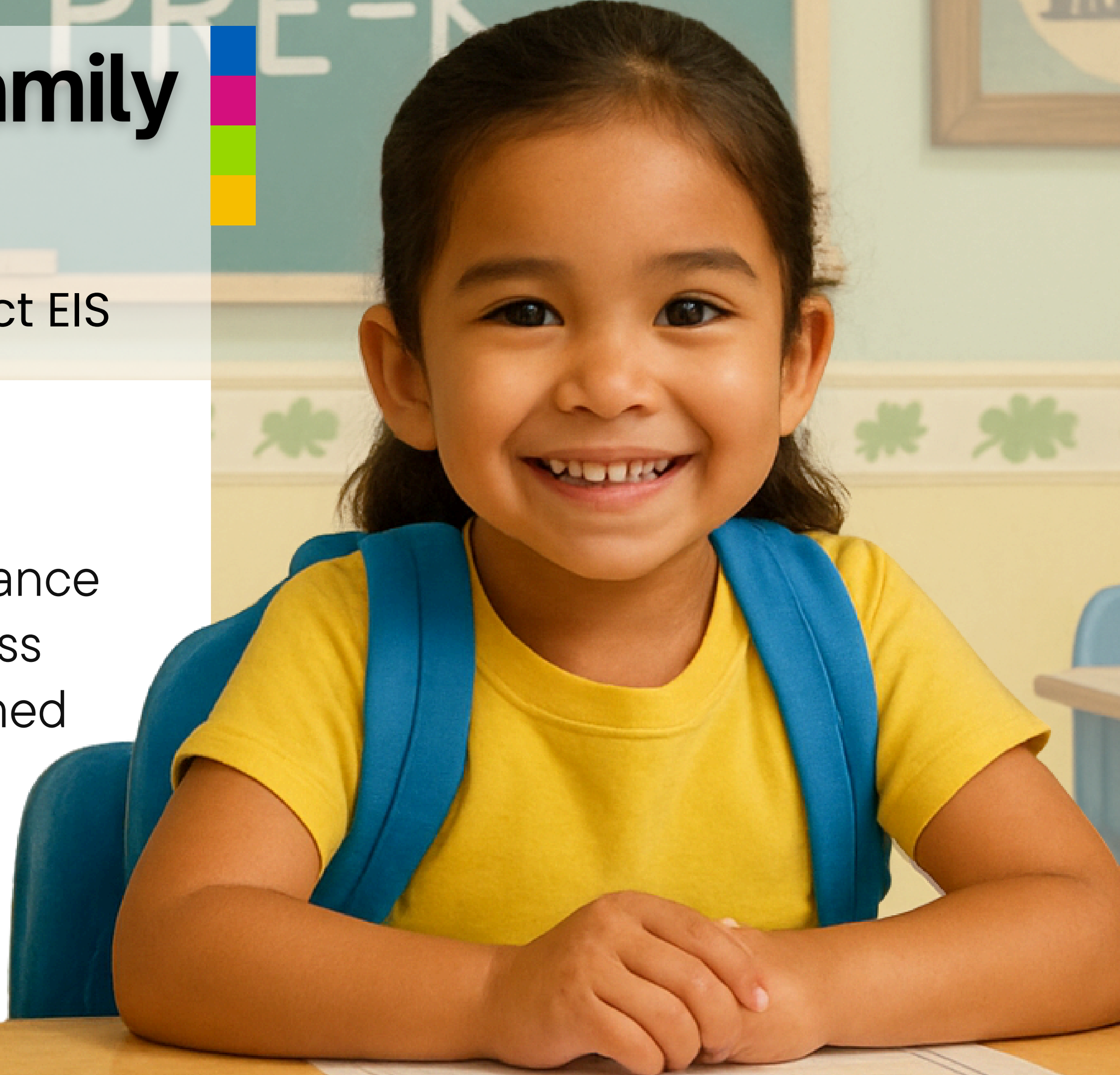
Foundations of Family Engagement

Tony Volner - Senior Architect EIS

From the moment Olivia's family registers her for **Pre-K**, they're connected. Personalized attendance alerts and access to Home Access Center (HAC) keeps them informed every step of the way.

Olivia's family begins her Denton ISD journey with confidence, transparency, and access.

Growing Readers through Innovation

Ross Garison – Director, Digital Learning

Karsyn DeMando – Coordinator, Digital Learning

In **3rd Grade**, Olivia drafts her first STAAR-style Extended Constructed Response (ECR). Her teacher uses the ECR Sidekick to score it with rubric-aligned feedback, offering "Glows and Grows" that guide Olivia's next steps.

Data-driven insights empower teachers to personalize Olivia's reading instruction.

Engaging Educators Through Trusted Systems

Chris Johnson – Sr. Architect, Sys. Infrastructure

Olivia's **7th grade** teacher discovers a promising learning tool. Thanks to the Systems team, the teacher can focus on instruction and not paperwork. The team quickly evaluates the tool's data privacy, security, and compliance, ensuring it's safe and ready for classroom use.

Olivia benefits from innovative learning tools while her teacher feels supported and safe to explore new technology.

Personalized Support in Algebra I

Arshay Sloan – Sr. Architect, Integrations

Olivia works in IXL, an adaptive math platform during her **9ᵗʰ Grade Algebra I** Course. Thanks to Laserfiche approvals and Classlink SSO access, she's automatically rostered, zero time lost. Teachers use Edugence to monitor her progress and plan strategic reteach or intervention lessons.

Olivia's Algebra I experience is personalized, data-informed, and fully aligned with STAAR standards.

A New Kind of Team Sport

Sandra Nulty – Mgr, Tech Services Operations

During her **Junior Year**, Olivia joins the eSports team. Through competitive gaming, she develops critical thinking, digital citizenship, leadership, and opportunities for scholarships. All in a space that makes her feel seen and supported.

Olivia finds belonging, builds future-ready skills, and thrives in an innovative extracurricular environment.

Powered by Strong Connections

Graham Walden – Sr. Architect, Network Infrastructure

As Olivia prepares to **graduate**, she relies on robust wireless access to complete college applications, take online assessments, and explore post-secondary pathways. All on a district-issued Chromebook.

With strong wireless support, Olivia confidently transitions to life after high school.
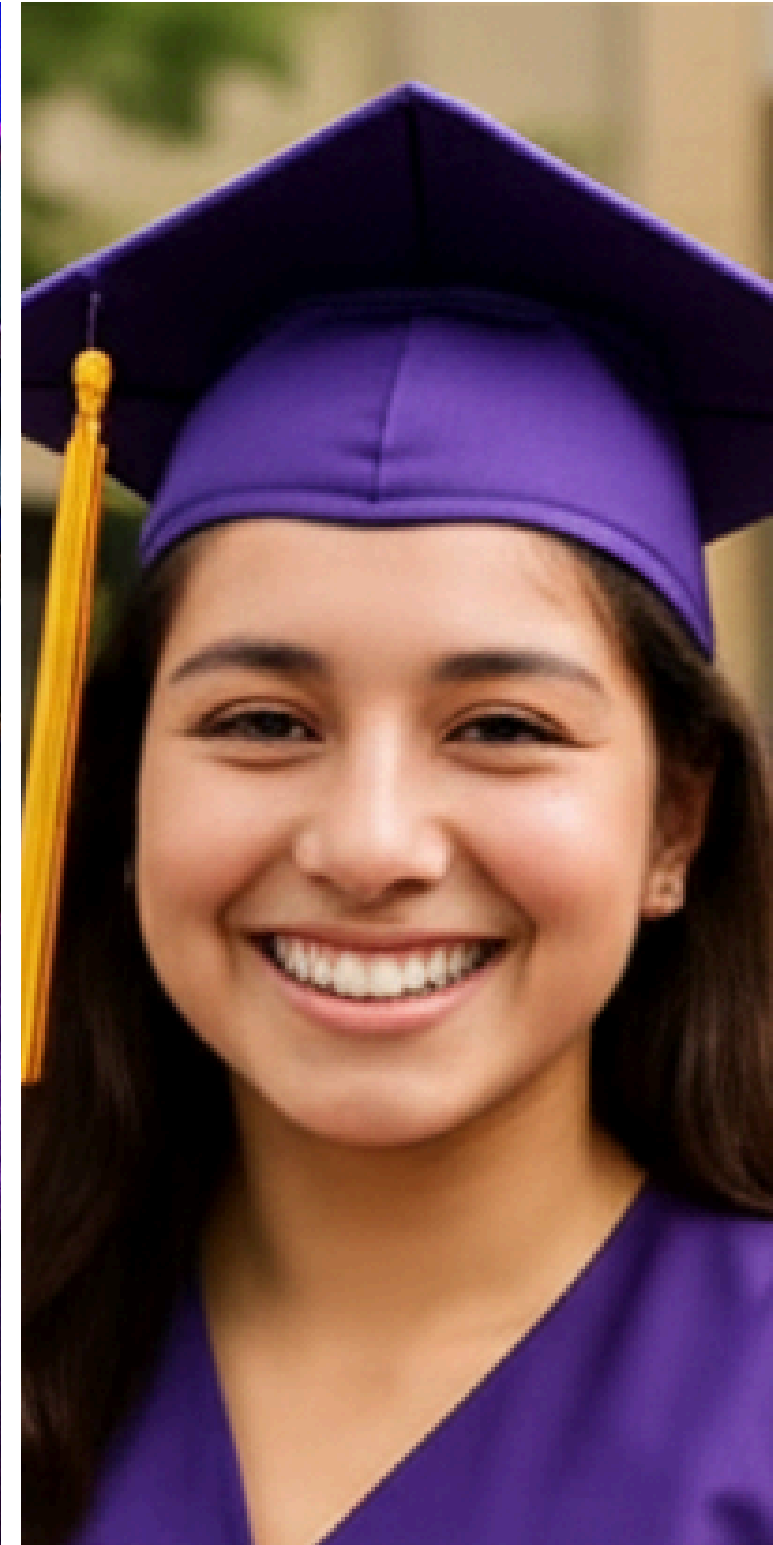
Olivia's journey represents our board-aligned strategy in action. Every milestone is backed by dedicated teams, integrated systems, and a clear purpose: *using technology to support student success at every step*.
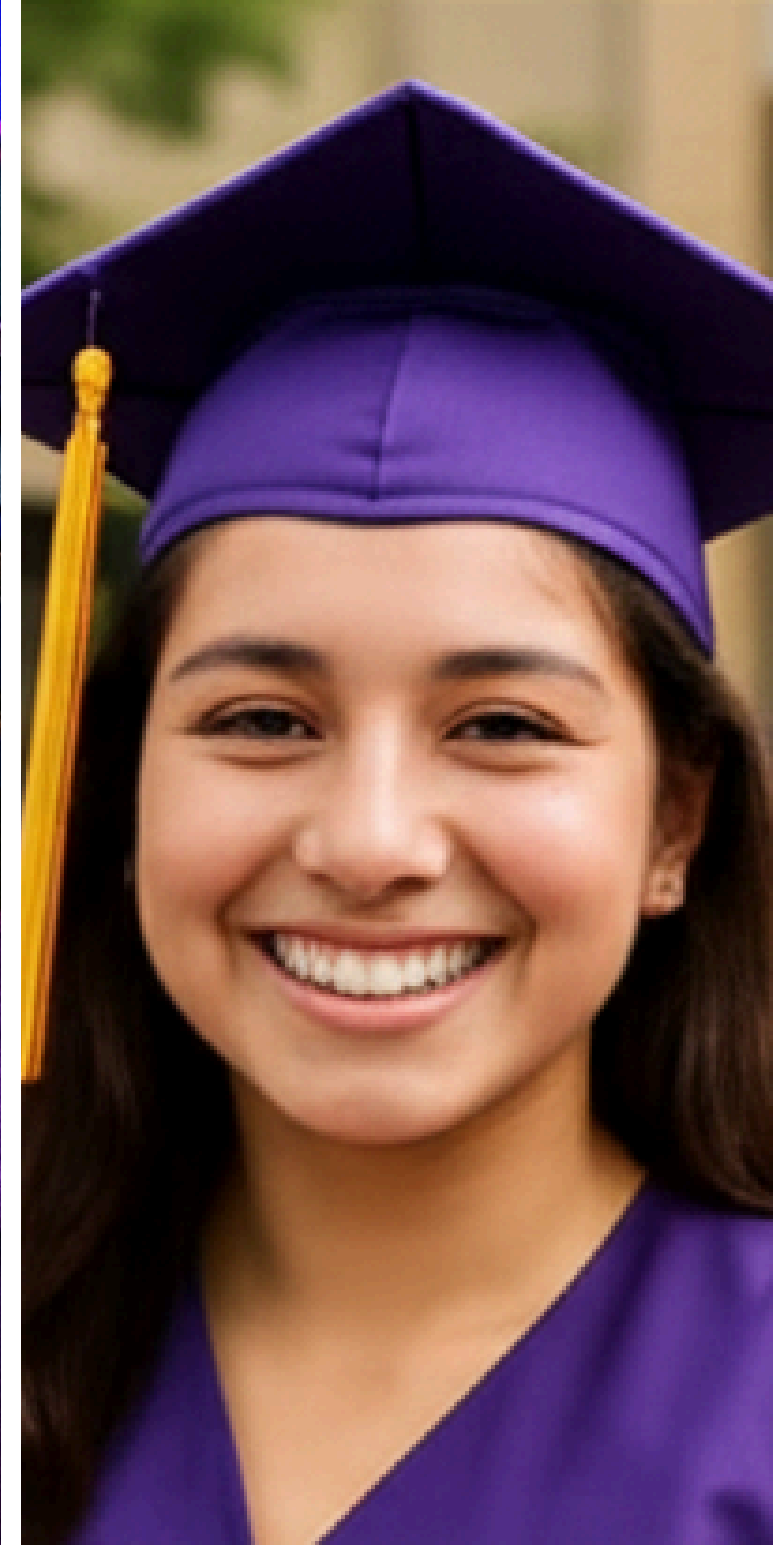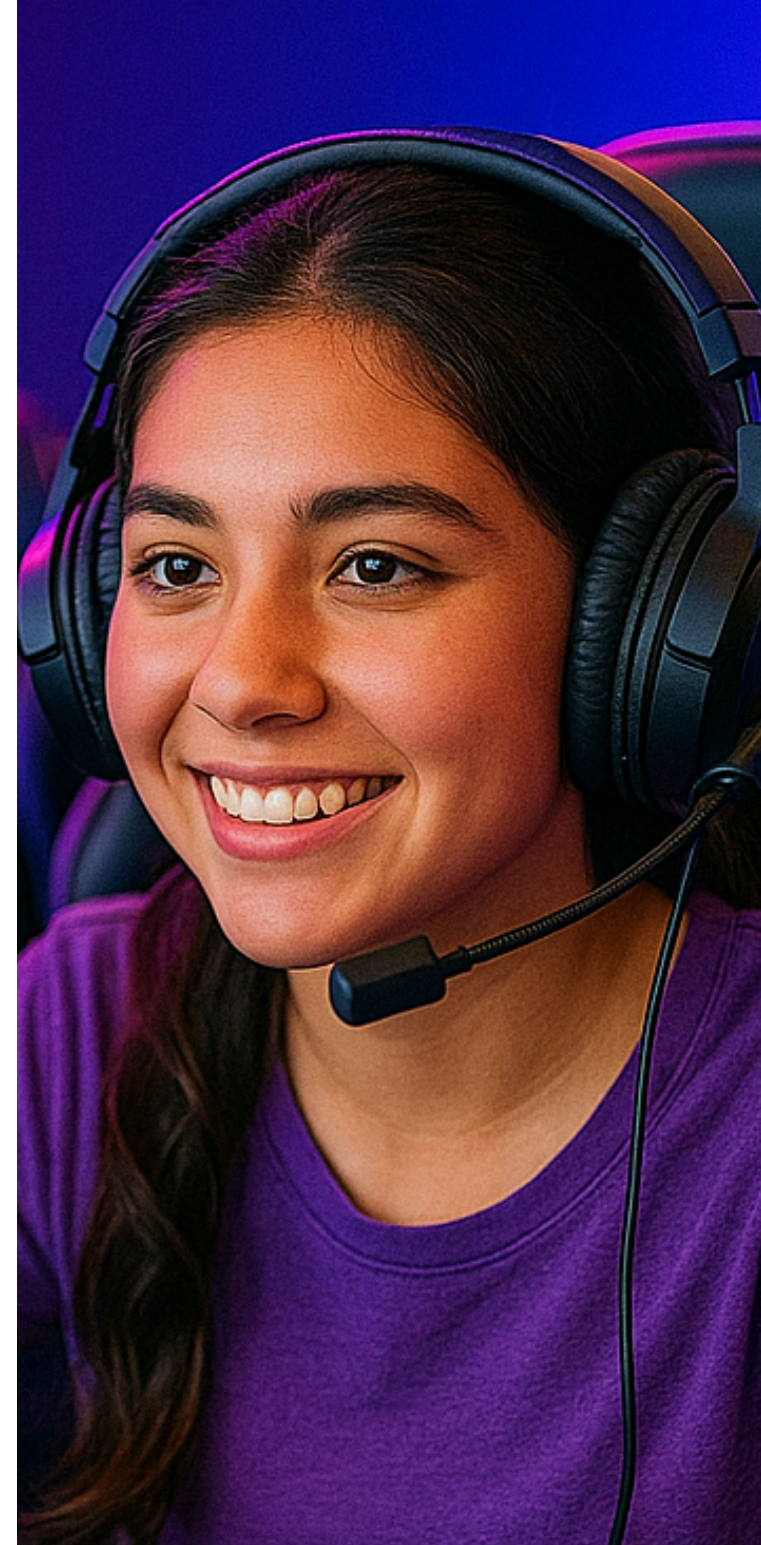
Thank You!

Digital Learning

This snapshot captures the impact of Digital Learning across Denton ISD in 2024–25, based on teacher and student feedback, session evaluations, and internal data. It reflects how campuses engaged with digital tools, professional learning, and instructional support throughout the year.

95% of teachers surveyed reported that their needs were met during Digital Learning Sessions.

TOP RATED LEARNING ACTIVITIES
- Interactive Games
- Visual Projects
- Digital Quizzes

73% of teachers feel they have the digital tools they need.

87% of teachers say that Digital Learning Sessions addressed an immediate need.

of teachers say digital tools help support students in special populations. **87%**

50% of surveyed students say that digital learning made it easier to succeed.

ZONE LEVEL REACH

451 Interactions
2,385 Touchpoints

97 Interactions
638 Touchpoints

95 Interactions
523 Touchpoints

118 Interactions
492 Touchpoints

761 learning opportunities and 4,000+ touchpoints districtwide

Learn more about the ways in which Digital Learning supports Denton ISD Families by _Clicking Here_!

Systems Infrastructure

Cybersecurity Team: Safeguarding People & Data

- **Threat Protection:** Provide layered cyber defenses to protect student and staff data
- **Security Operations:** Detect and respond rapidly to cyber incidents
- **Business Continuity:** Develop and maintain comprehensive DR and IR plans for service availability

Platforms Team: Enabling Consistent Access to Tools

- **Access to Instructional Resources:** Maintain reliable and consistent access to digital learning resources across multiple platforms
- **Centralized Management:** Standardize device configuration and enable remote software updates
- **Operational Efficiency:** Automate software patching and security configuration deployment at scale

Systems Team: Powering Enterprise Infrastructure

- **Productivity & Access:** Design and maintain high-performance systems supporting organizational applications and workflows
- **Resilient Infrastructure:** Host applications and data in multiple locations to support disaster recovery
- **Hybrid Footprint:** Leverage on-premises and cloud infrastructure to provide robust, scalable infrastructure as district needs evolve

Integrations

Provisioning & Rostering Team: Enabling Access to Digital Tools and Resources

- **User & Resource Provisioning:** Manage user accounts and digital tool access across systems
- **Curriculum Integration:** Coordinate electronic textbook and resource deployment with departments
- **System Integration:** Synchronize data between SIS, LMS, and other platforms
- **Single Sign-On (SSO):** Maintain secure, unified access to learning tools

Business Process Automation Team: Streamlining District Operations

- **Workflow Automation:** Design and maintain applications for our digital content management and business process automation platform (Laserfiche)
- **Process Optimization:** Analyze and digitize manual tasks across departments
- **Cross-Department Projects:** Drive collaboration for unified digital solutions
- **Document Management:** Automate storage, organization, and secure access to district documents
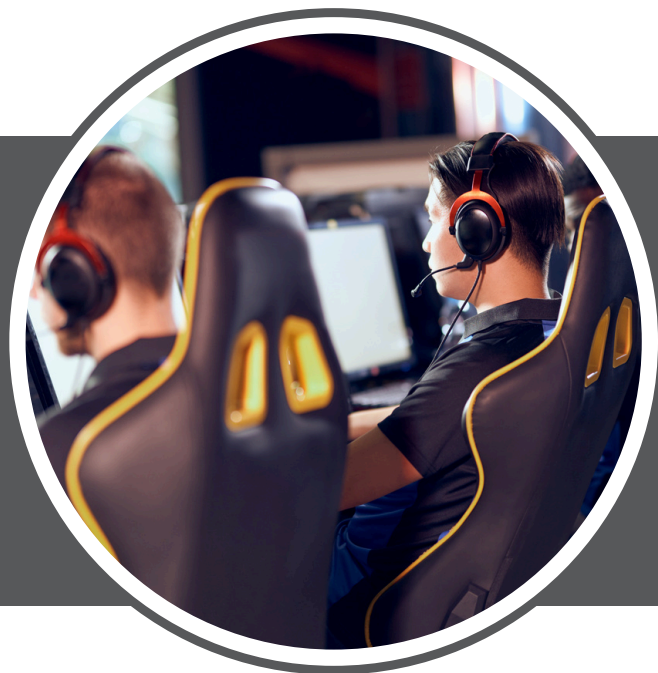
Technology and eSports:
Generating Excellence in Extracurricular Opportunities

🎮 Why eSports?

• Fosters teamwork & strategy (e.g., Rocket League's 3v3 coordination)
• Engages over 50 student in STEM via coding & analytics workshops
• Promotes digital citizenship through online sportsmanship

🏆 Program Highlights

• Most active: 50+ students in HSEL, PlayVS, NASEF
• 3rd place in 2023 HSEL National Finals (3000+ schools
• Pro-grade lab: 12 PCs, NVIDIA GPUs, 144Hz monitors, gaming chairs

🎓 Beyond the Game

• $16M+ in national scholarships; 2 GHS students earned $5,000 (2024)
• Careers in coding, streaming, game design, cyber security, AV, and broadcasting