

# Northwest ISD Technology Division



- How has technology evolved in education?
- What does an effective technology division do?
- How is NISD's Technology Division organized?

# What does it take to support a Northwest ISD student?

Wireless access  
for all devices

Instant access to  
digital textbooks

Fingertip  
access to  
assignments,  
grades and  
attendance



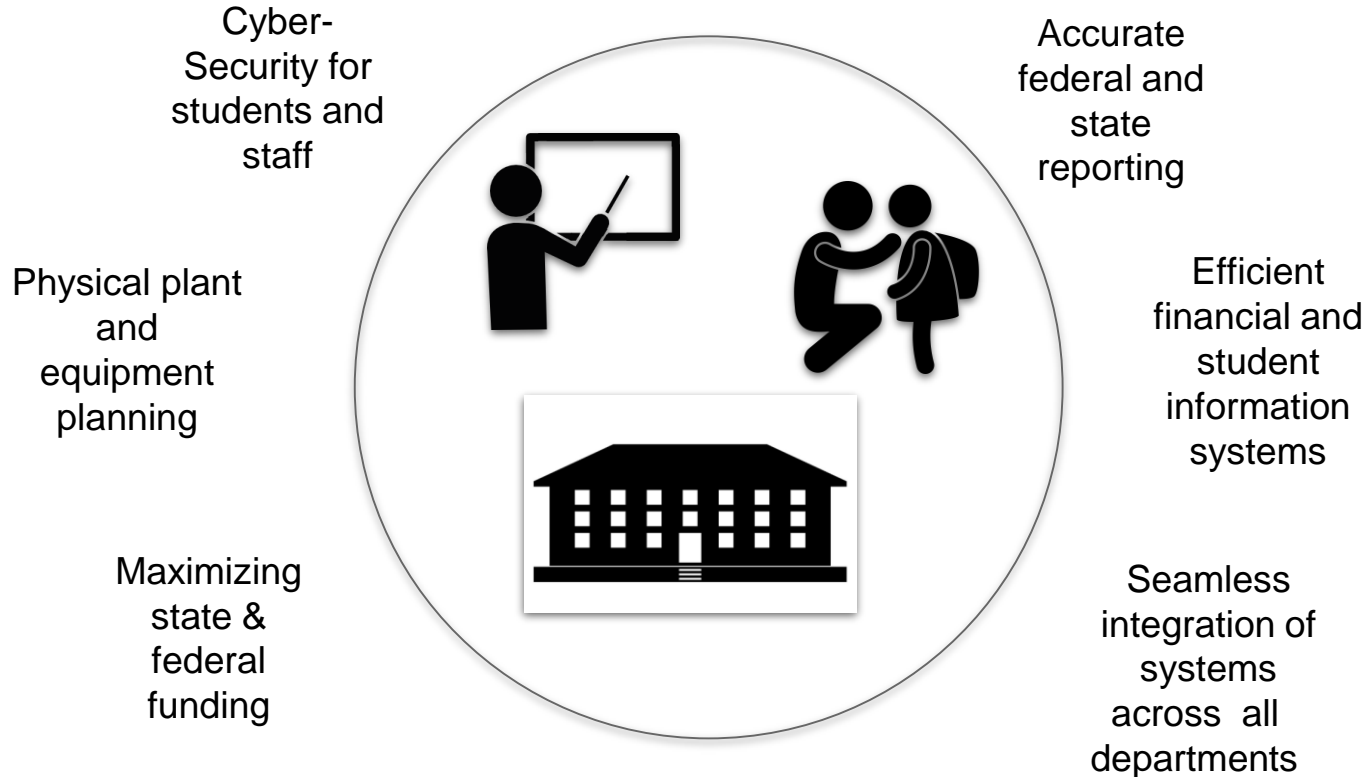
24/7  
access to  
learning  
platforms

Secure access to  
information including  
student health and  
contacts at all times such  
as field trips,  
extracurricular activities,  
etc.

Safe place to learn that takes  
advantage of technological  
safety features-911, lockdown,  
badging for guests



# What does it take to support a growing school system?





## Technology Division



## Instructional Technology & Digital Learning

### Coordinator

Instructional systems, blended learning, virtual learning, professional learning and development, digital textbook management, district digital citizenship programs, facilitates coordination between curriculum coordinators and systems engineers, learning management system administrator

### Instructional Technologist

Professional Development and technology training, instructional alignment with curriculum, Principal and administrative support and training, work with special needs, digital citizenship writing and compliance, curriculum writing and integration, learning management system administrator, supports campus data collection, information organization, and communication



## Data Services

### Student Information System Team

Campus, parent and central administration support for student and staff data management, student enrollment, scheduling, student records, training, report cards, transcripts, data security, teacher access center, home access center, federal and state reporting

### Data Architect Team

Finance & HR support within Finance Information System; student and staff data management, integration, sharing and exchange; federal and state reporting, systems interfaces



## Technology Department

### Engineering Team

#### Network Security-

Filtering, firewalls, cyber security, data protection, data privacy

#### Apps/Systems-

User management, email, google, software implementation, digital textbook integration, virtual environments.

#### Audio Visual-

Phones, P/A system, security, projecting devices

#### Physical Security-

Security cameras, badging/user access, access-control

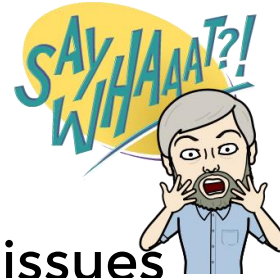
### Helpdesk Team

Phone, email, and ticket support for staff support.

### Campus Support Team

Campus wide support for over 24,000 students and over 3,000 staff including devices and building infrastructure.

# DIGI Know?



## Quick resolution of technical issues

*DIGI Know? 9813 Processed & Completed tickets so far this school year.*

## Instant Access to Instructional Access

*DIGI Know: On 12/13 there were 114 students on Moodle between midnight and 6 a.m.*

## New Construction and Campus Updates

*DIGI Know? NISD has 2071 Wireless Access Points currently deployed district wide.*

## Centralized Registration and Proof Of Residency

*DIGI Know? 3590 Parents and students assisted during summer enrollment events..*

## Cybersecurity and Digital Materials

*DIGI Know? Rigorous process for material acquisitions.*

**ORLY?!**





Visiting Stonehenge in Justin,  
Texas. #NISDExpo @aim4lsu  
@Cindyford



# Awards

## Common Sense Media Certification

*Prioritize Safe & Responsible Online Behaviors*

## COSN Team Award

*Showcased NISD 1:1*

## Digital School District

*Transparency, online resources, and serving the community*

## Leadership-Grace Hopper and TCEA

*Leadership among our peer groups*

## Digital Content & Curriculum

*Transparency, online resources, and serving the community*

