

NISD Long Range Planning Committee

Meeting 4

Tuesday, November 15, 2016

Our Vision

The best and most sought-after school district where every student is **future ready:**

- Ready for college
- Ready for the global workplace
- Ready for personal success

Northwest ISD Beliefs

- Kids come first
- Continuous improvement is essential for future success
- The success of each student is the shared responsibility of students, families, schools, and communities
- Environment influences learning

Charge of the LRPC

- Consider the educational needs of all students and align with the district's mission, vision and goals
- Represent the entire NISD community, its values and perceptions in the facility planning process
- Assess and prioritize the district's current and long-term facility needs, including, but not limited to:
 - District growth and capacity
 - Building age, safety and condition
 - Evolving educational delivery and programs
- Form a recommendation for consideration by the NISD Board of Trustees

Agenda

- Meeting 4: Tuesday, November 15, 2016
- Welcome
- Meeting 3 Review
- Departmental Presentations
 - Technology
 - Athletics
- Facility Assessment Review
- Closing

The Meetings - Completed

Meeting 1: Tuesday, October 11, 2016

- Welcome
- Introductions & Icebreaker
- Overview of the Committee
- Goal & Purpose
- Charge & Parameters of Committee
- Committee Process & Schedule
- State of the District & Vision
- Previous Bond Work
- Closing

Meeting 2: Tuesday, October 25, 2016

- Welcome, Meeting 1 Recap, Committee Schedule, and Agenda Review
- How School Finance Works & NISD Financial Overview
- Demographic Projections – Bob Templeton, Templeton Demographics
- Website Review
- Closing

Meeting 3: Tuesday, November 8, 2016

- Welcome, Meeting 2 Recap & Agenda Review
- Departmental Presentations
- Fine Arts
- Career & Technical Education
- Safety and Security
- Closing

The Meetings - Forthcoming

Meeting 4: Tuesday, November 15, 2016

- Welcome, Meeting 3 Recap & Agenda Review
- Departmental Presentations (Cont.)
- Athletics
- Technology
- Facility Assessment Overview
- Closing

Meeting 5: Tuesday, November 29, 2016

- Welcome, Meeting 4 Recap & Agenda Review
- Building a Project Budget / Construction Cost Overview
- Potential Projects & Cost Analysis
- Small Group Review & Discussion
- Group Discussion -- Bond Package Goals & Prioritization
- Closing

Meeting 6: Tuesday, December 13, 2016

- Welcome, Meeting 5 Recap & Agenda Review
- Community Survey Results – Matt Gamble, Baselice & Associates
- Bonding Capacity & Tax Impact Scenarios – Jeff Robert, First Southwest
- Discussion and feedback on potential projects and bond amount
- Continue Prioritization; Homework

Meeting 7: Tuesday, January 10, 2017

- Welcome, Meeting 6 Recap & Agenda Review
- Large Group Discussion
- Reaching Consensus; Finalizing Recommendations
- Select Committee Spokespersons
- Closing

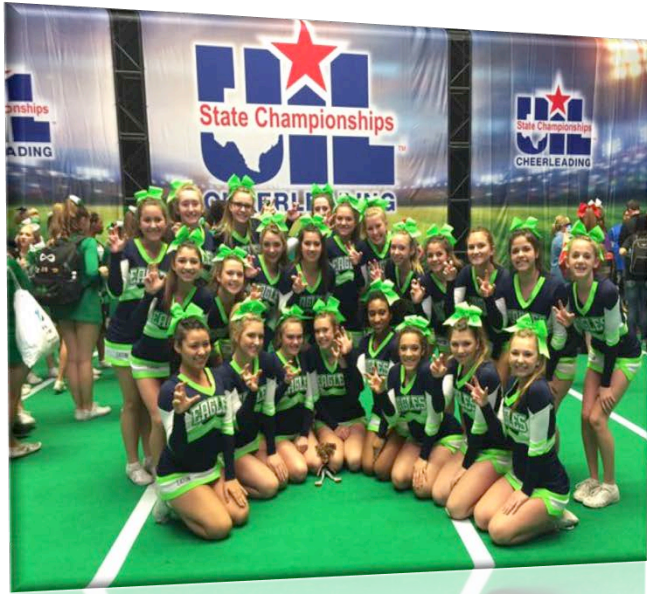
Meeting 8: Tuesday, January 17, 2017

- Welcome, Meeting 7 Recap & Agenda Review
- Finalize Recommendations
- Discuss Presentation to the Board
- Discuss Next Steps
- Closing

Superintendent Review

- LRPC "Health Check"
- Baseline Opinion Survey

Meeting 3 Review



Fine Arts



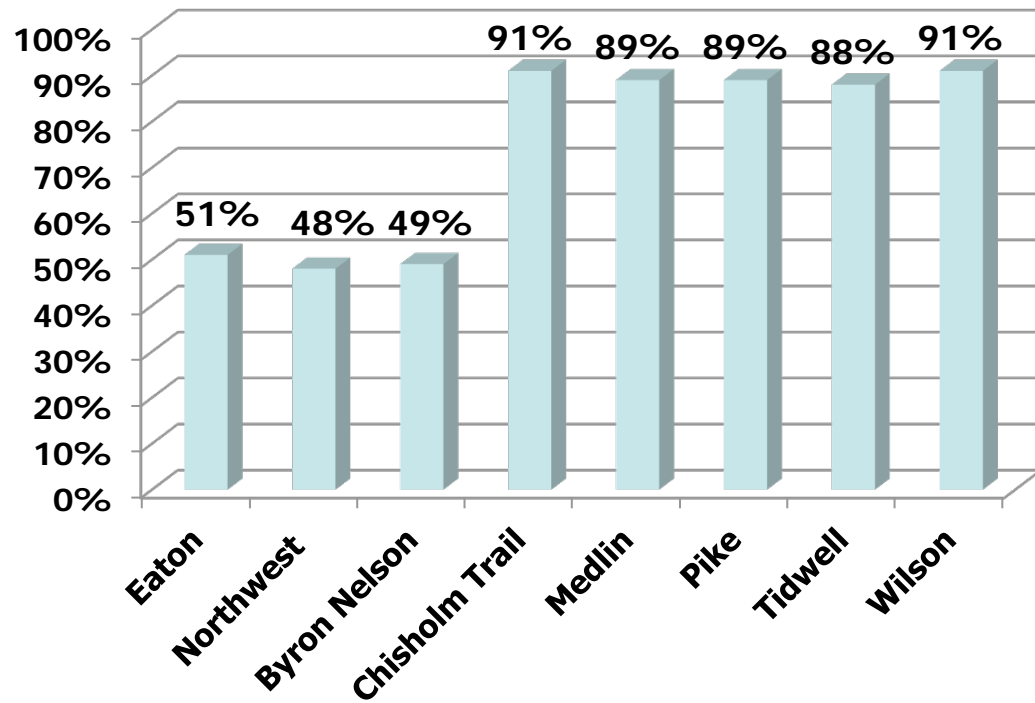
Every Student Future Ready.

Student Participation

Grades 6-12

8,360

Students Enrolled in at least one fine arts course
75% of Secondary Student Population



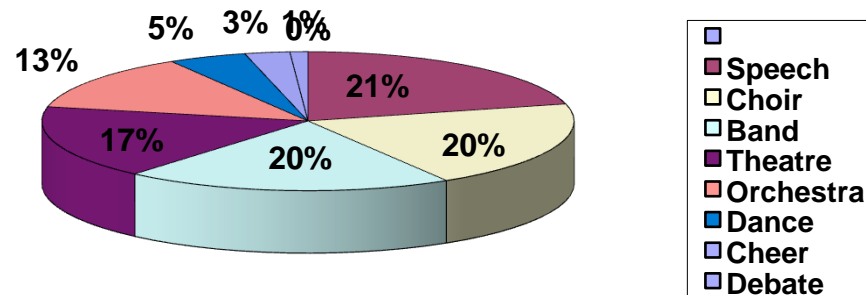
Every Student Future Ready.

Program Participation

Grades 6-12

10,733 Students

- Art – 2317
- Band - 1677
- Cheer - 230
- Choir – 1704
- Dance – 401
- Debate - 92
- Orchestra – 1105
- Speech - 1773
- Theatre - 1434



Vision

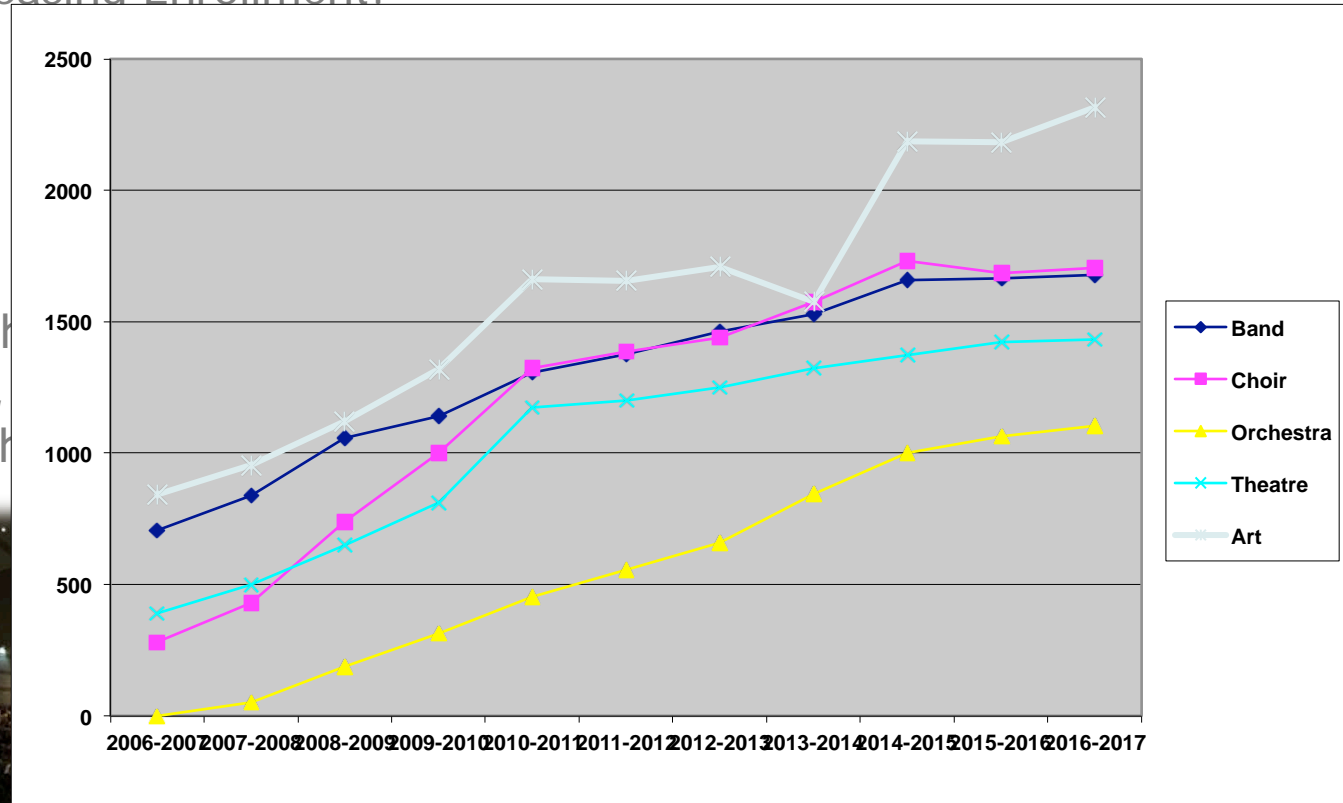
The Vision of Northwest ISD Fine Arts is to be the premiere district in the state of Texas for the visual and performing arts



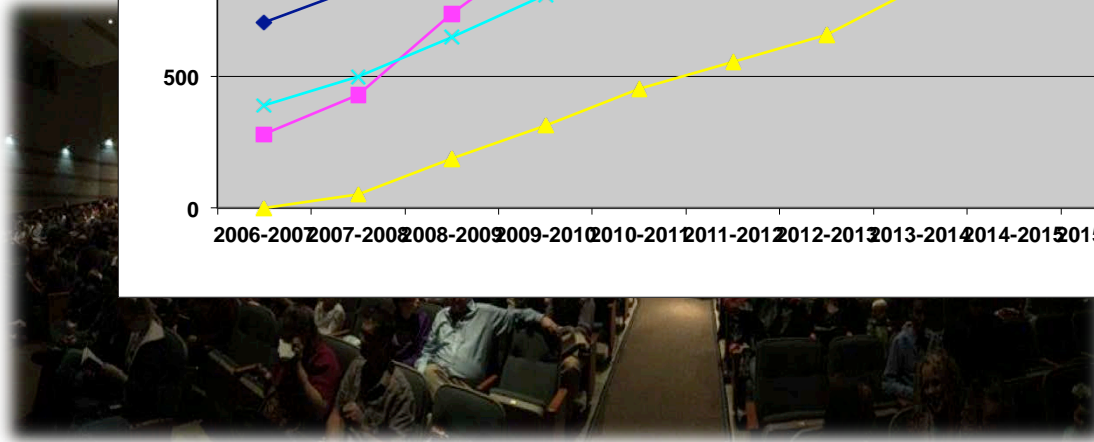
Our goal is to provide premiere fine arts facilities that support student learning and engagement

Our Challenges

- Increasing Enrollment:



- Our PAC,
- Northwest



Our Challenges

- Performing Facility Space:
 - All high school PAC's hold 800 people
 - Middle school cafeteriums hold 400 people and gyms hold 800
 - High school gyms only hold 1,100 people
 - Northwest PAC seating, digital lighting, and general maintenance
 - Many concert and musical events are sold out
- Hosting regional events
 - We do not currently have the seating capacity to host regional events such as Region choir, band, orchestra, etc.



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Challenge	Potential Solution
Increasing enrollment in band, choir, orchestra, theatre, dance, and cheer	Addition of large ensemble rooms and practice rooms at all middle schools and Byron Nelson. Addition of theatre rooms at Pike, Medlin, and Chisholm Trail. Addition of dance studio at Byron Nelson
Northwest PAC seats and carpet are in need of replacement. PAC and Black Box lighting is out of date with district standard	Update NHS PAC seats and carpet. Upgrade PAC and Black Box with new grid and digital LED lighting
Better utilize available space at Medlin, Chisholm Trail, and Pike	Tear down dividing wall in band halls and add lockers, and stage divider, similar to Wilson
Sound bleeds through walls at Medlin, Chisholm Trail, and Pike	Addition of acoustical doors and sound treatment at Medlin, Pike, and Chisholm Trail making them similar to Wilson
All middle schools and high schools do not have access to district standard performance areas	Update stage, lighting, and sound at Medlin, Pike, and Chisholm Trail. Update to LED lighting at Byron Nelson
Not enough seating at events/Inability to host Regional and Area events	Addition of District-Wide Performing Arts Center that seats 2,500-3,000
Elementary students often cannot be heard at their concerts and performances	Upgrade elementary stage sound systems
Increasing enrollment in high school band, drill, and cheer	Purchase of marching band, drill team, and cheer uniforms on an 8 year cycle

Summary

- Our middle schools and Byron Nelson need more rehearsal and practice space
- Medlin, Pike, and Chisholm Trail need updating to bring them up to Wilson's standard
- Northwest PAC is in need of updating
- Our elementary schools need cafeteria sound systems that better support student performances
- We need a large district facility that can accommodate large crowds at events, including the art show, concerts, and musicals





Benefits

- Student benefits
 - More, and better utilized, space for learning
 - Accommodation for enrollment growth
 - Sound improvements for enhanced student learning and performance
 - All programs will be appropriately accommodated
 - Plan brings all middle schools up to the district standard
 - Ability to host Regional and Area events in Northwest ISD
- Community benefits
 - Seating for community members at all events
 - Ability for parents/community to better heard student performances
 - More community members can attend fine arts events



Career and Technical Education



Experiential Learning



Extended Classroom Experiences

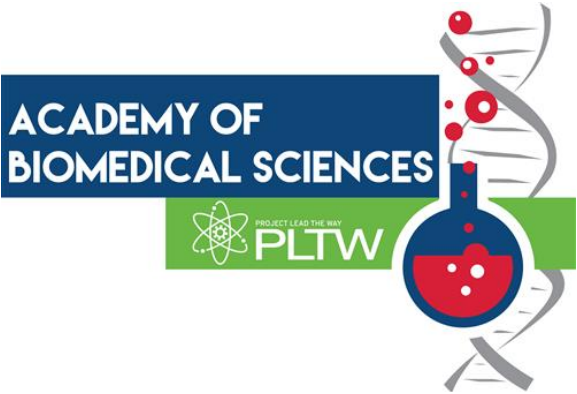


Industry Credentials



Every Student Future Ready.

Programs & Services



Every Student Future Ready.

Program Participation

Northwest HS	Byron Nelson HS	Eaton HS	Steele AHS
2245 Seats	2265 Seats	1092 Seats	133 Seats
<i>STEM(250) & AMAT(315)</i>	<i>Biomed(300) & Culinary(152)</i>	<i>Business (300) & Aviation(70)</i>	<i>Cosmetology(50) & Collegiate(65)</i>
Agriculture (300)	Agriculture (336)	Agriculture (156)	
Health Sciences (320)	Health Sciences (327)	Health Sciences (174)	
Career Prep (100)	Career Prep (100)	Career Prep(0)	Career Prep (12)
Business, Marketing, Finance (189)	Business, Marketing, Finance (355)	Business, Marketing, Finance (111)	Business, Marketing, Finance* (43)
Human Services & Education (179)	Human Services & Education (178)	Human Services & Education (139)	Human Services- Academy Only
Information Technology (90)	Information Technology (204)	Information Technology (40)	Information Technology (28)
STEM –Academy Only	STEM (65)	STEM (47)	5,735 Seats
Architecture (37)	Architecture (113)	Architecture (55)	
Law (1 course) (150)	Law (1 course) (135)		



Add Career Prep & Practicums 6,000 Seats Daily



Every Student Future Ready

Vision

- Every program must offer:
 - Credentialing (Certification or Licensure)
 - Employability Portfolio (Body of Work)
 - Internship, Job Shadowing or OJT
- 90% of students enrolled in high school will take 2 or more courses for 3 or more credits in the same pathway and complete a minimum of two program components.



1642 Certifications
in 2015-2016



Every Student Future Ready.

Our Challenges

- Outline specific challenges to department:
 - House Bill 5 Increased Enrollment 32% in one year
170% growth in 5 years
 - Students taking multiple CTE courses
 - Teacher training, demand, industry expectations
 - Establishing strong advisory boards
 - Pathway recognition for opportunities



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Challenges & Solutions

- Northwest High School
 - Health Science Classrooms
 - Laboratory & Storage Area for hands-on learning
 - Agriculture Sciences
 - Classroom Renovation, Shop Expansion
 - NHS AMAT
 - Technology upgrade from Tape Based to digital
- Byron Nelson
 - Health Science Classroom
 - Laboratory & Storage Area for hands-on learning
 - Agriculture Sciences
 - Vet Tech Lab
 - Greenhouse Renovation (currently processing)
 - Storage
 - STEM
 - Engineering Lab
 - Culinary
 - Teaching Kitchen & Bistro (Location and Size)



- All CTE (3 comprehensive high Schools)
- *Computer labs*- Need to move to Virtual Desktop models to keep up with industry demand
- *Kelly Box Agricultural Science Center*
 - Designed for 1 high school, Outgrown facility
- *CTE Certification Lab*
 - (could possibly create a multipurpose skills lab)
- Operational inefficiencies
 - Busing for Academy students
 - Collaboration between campuses
 - Bell Schedules difficult to certify students during class time
 - District landmass makes difficult transition for internship opportunities
 - Need teacher externship program to keep up with industry changes and demands
 - Need for point of sale systems for various enterprises in CTE
 - Bistro, Floral, Welding, Marketing, A/V, Business



Benefits

- Student benefits
 - Serve more students more efficiently
 - Higher achievement on industry credentials, implementation and future ready skills
 - Facilities would be able to host contest for Career and Technical Student Organizations
- Operational benefits
 - Reach the 90% potential
 - Less technology upgrades
 - Technology manpower utilization
 - More time spent teaching and credentialing
 - CTE will generate 7 million dollars for the district in 2016-2017. Every contact hour counts.



Every Student Future Ready.

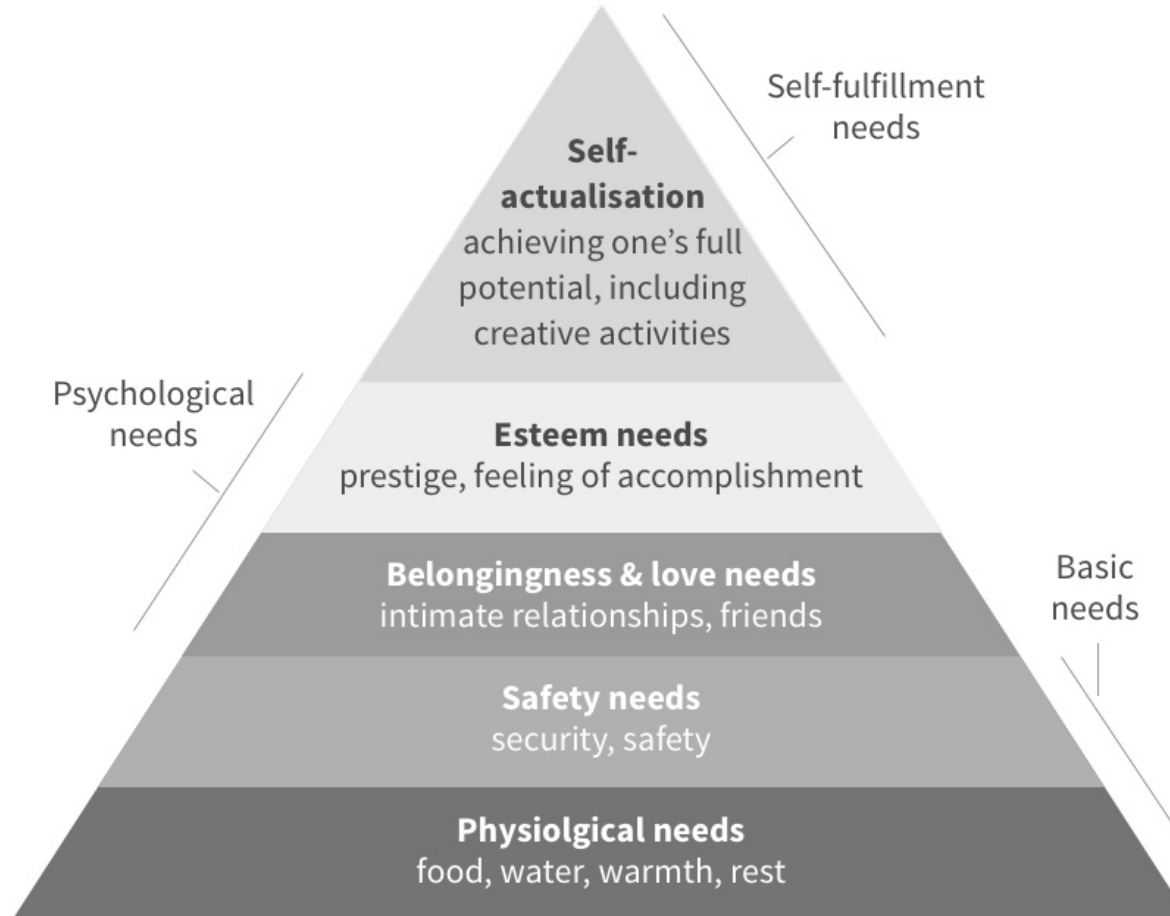
Safety and Security

Program Participation

- People
 - Students: 22,067
 - Employees: 2,239+/-
 - Temporary Workers/Substitutes: 2,977+/-
 - Contractors: 1,005+/-
 - Volunteers: 4,881+/-
- Buildings
 - Building Square Footage: 4,311,803 sq. ft. School/Campuses: 30

**OLC*

Human Needs



Maslow's Hierarchy of Need

Vision

1. Training
 - violence prevention
 - threat assessment
 - emergency planning
 - best practices
 - security
2. Evaluating and refining school security measures
3. Updating and exercising school emergency preparedness plans
4. Strengthening partnerships with public safety officials
5. Creating enhanced crisis communications plans and social media strategies

Challenges

- **Environment:**
 - Safe Community/Low Crime Rate
- **Perception:**
 - Not Here
- **Growth:**
 - Enrollment
 - Facilities
 - Opportunity
- **Threat Identification:**
 - Who, What, When, Where, Why
- **Prevention:**
 - Climate (Warm & Safe)
 - Measures: Tangible and Intangible
 - Cost
- **Deterrence:**
 - Processes & Procedures
 - Structures & Opportunity

Reception Area

- Redesign desk/office
 - Protect and Separate
 - Transaction Window
- Video and Feed
 - Live Activity
- Emergency
 - Lockdown Button
 - Automated Announcement/Notification

Access Control

- Track/Document Access
 - Fob Access
- Request to Exit Devices
 - Tied to camera's
 - Open door notification
- Control all doors
 - Schedule unlock/lock
 - Permit emergency lockdown
- Camera integration

Surveillance

- Camera's Integrated with Access Control
- Camera coverage (expand/upgrade)
 - Lobby
 - Playgrounds
 - Parking Areas
 - Main Entrances
 - Athletics
 - IDF/MDF Rooms
 - Exits
 - Kitchen Entry
 - Bike Racks
- Light/Camera coordination
 - Motion Activated lighting in all hallways
 - Exterior Motion Activated Lighting

Security

- **Fencing**
 - Define boundaries
- **Intruder function door hardware**
 - Permits locking function without leaving room
 - No interior keyed cylinder / Thumb-turn lock
- **Contacts (added to doors)**
 - Track access
 - Courtyards
 - Concession stands
 - Roof hatches
 - Field house
 - Ticket booths

Intercom/Communication

- Upgrade/replace as necessary
- Integrated
 - Automatic emergency pre-recorded announcements
 - Automatic communication with first-responders
- Staff Panic buttons
 - Automatic notification
- Visual systems for noisy areas
 - Flashing light – gyms/cafeteria/band/music/exterior functions

Benefits

1. Supports a Positive School Climate
2. Increased Academic Performance
3. Less Bullying, Intimidation, and Harassment
4. Increased Tolerance, Respect, and Culture Competence
5. Fewer Discipline Problems
6. Increased Student Bonding to the School/Staff
7. Cost Savings
8. Reduced Liability

Questions?

Division of Technology

Introduction & Overview



Adam Feind, CETL

Chief Technology Officer

Mission

*Provide a premier infrastructure
and access to state-of-the-art
teaching and learning tools that
best meet the needs of our
Northwest ISD students and staff*

Introduction & Overview

Technology Department

Maintains business systems, computing devices for students and teachers, infrastructure, security, email, filter, classroom technology and other facility systems integrations

Instructional Technology Department

Support and train all staff regarding the integration of technology based on district goals through professional development, job embedded coaching

Data Services

Maintains student and business systems and supports the users responsible for all student and staff data for state reporting and records management, including district-wide parent support

Introduction & Overview

Functions and Roles

Educator Preparation and Development

digital literacy, technology training, integration resources

Teaching and Learning

application of technology, digital citizenship, digital literacy, future ready skills

Leadership, Administration and Instructional Support

parent support, processes, training, business resources, registration, enrollment, provisioning, reporting

Infrastructure

safe anytime access to instructional and business resources, devices, filtering, communication, bandwidth, Internet access, Virtual Desktops, Application infrastructure, Application Infrastructure/delivery/support, Network Security, Data Security, Help Desk

Program Participation

Students: 22,090+

Guardians: 44,000+

Teachers/Staff: 2200+

4 + Terrabytes of data daily

(343,597,380 pages in MS Word, 800,000 songs, 2,000 hours of video, 1,240,000 pictures)

Student Experiences:

- Techno Expo
- iSchool Student Advocates
- Chromebook deployments 15K+
- ePortfolios
- Summer Technology Camps

Makey Makey, Raspberry Pi, Robotics, Stop Motion Animation



Vision

Goal 1: Apply ***digital literacy*** as educators to design, model, implement and assess learning experiences to engage ***all*** students and improve learning.

Goal 2: Provide meaningful, relevant opportunities for all learners to engage in ***collaboration, communication, creativity, and critical thinking*** while increasing digital literacy.

Vision

Goal 3: Provide a foundation of leadership, administration and services that support exceptional teaching and learning through the integration of technology.

Goal 4: Provide an *infrastructure* that supports an *anywhere, anytime learning* environment for all.

Our Challenges

- Sustainability
- Growth
 - Students, staff, buildings
- Security
- Network Operations Centers
- Asset management
 - Procurement and inventory standards
 - Deployment spaces
 - Asset recovery/accountability
 - Disposal of Obsolete Assets
- Training Spaces
- Geographic Areas and Coverage
- New standards

Technology and Security Standards

Classroom Standards	Student Learning Standards	Facilities Standards	Administrative Standards	District Standards
802.11AC WIFI	<p>Requirements for Learning</p> <ul style="list-style-type: none"> • Allows seamless access to instructional materials and digital resources. • Provides opportunities to collaborate both in and out of the classroom. • Promotes innovative experiences that are challenging, relevant, and meaningful to the students’s lives. • Creates connections that expose learners to dynamic, real-world content that prepare them to thrive in a global society. <p>Requirements for Access to Instructional Resources</p> <ul style="list-style-type: none"> • Supports access to a Learning Management System for anytime, anywhere learning. • Maintains an up-to-date environment that is compatible with digital resources. • Utilizes a filter to ensure an appropriate online experience while providing access to rich educational sites. • Access to Virtual Desktop Infrastructure (VDI) as a portal to provide a consistent user experience and accommodate more resource intensive software. <p>Requirements for the Device</p> <ul style="list-style-type: none"> • Ability to access resources for both offline and online use. • All-day runtime to allow for uninterrupted use throughout the instructional day. • Wireless connectivity support that meets or exceeds current standards. • Mobile, durable device that withstands daily use. • Meets the requirements of learners based on their developmental and instructional needs. Requirements may include a touch screen, built in keyboard, pointing device, camera and external connectivity. • Allows for interconnectability with display devices and other smart devices. • Built-in customization features that allow for a personalized experience to meet the diverse needs of an individual learner. • Provides a screen size that meets or exceeds minimum state testing requirements. 	Lockdown capability	Visitor Badging System	Filtering
Monitor Projection Device		802.11 AC WIFI - Cat 6a	Device by staffing allocation	Firewall
Wireless instructional manager		Cat 6e	Printer/Scanner by staff role	Intrusion Prevention Systems
Stand for document display		Single mode fiber MDF to IDF 6 strands		Adequate Bandwidth
Shared Printer		Adequate Power - 208V x2 per MDF, 208V x1 per IDF, single quad 110 all clean power		Network Operations Center
Power for device charging		UPS - MDF Runtime 60 minutes, IDF runtime 30 minutes		Deployment Spaces
Telephone		Camera coverage entrance and exits		Asset Management
Computing Device		Access control and door monitor all entrances and exits		VDI
		Integrated PA system		
		Integrated Phone system		
	Visual and audible alerts in noisy or crowded areas			
	Visual displays and signage			
	IP infrastructure for environmental systems			
	Cooling Standards - Humidity and Temperature with monitoring			

Standards Points

Classroom Standards	Points	Student Learning Standards	Points	Facilities Standards	Points	Administrative Standards	Points	District Standards	Points	Score
802.11AC WiFi	20	Requirements for the Device	100	Lockdown capability	20	Visitor Badging System	40	Filtering	10	8
Monitor Projection Device	20			Cabling standards	20	Device by staffing allocation	40	Firewall	10	10
Wireless instructional management device	10			Power and cooling standards MDF&IDF	20	Printer/Scanner by staff role	20	Intrusion Prevention Systems	10	10
Stand for document display	5			Communications systems	20			Adequate Bandwidth	20	20
Shared Printer	5			Security systems	20			Network Operations Center	20	10
Power for device charging	5							Deployment Spaces	5	0
Telephone	10			Points - 25%=5, 50%=10, 75%=15, 100%=20				Asset Management	15	5
Computing Device	25							VDI	10	5
TOTAL	100				100				100	68

Standards Assessment

Campus	Classroom Standards	Student Learning Standards	Facilities Standards	Administrative Standards
Northwest HS				
Byron Nelson HS				
James Steele Accelerated HS				
VR Eaton HS				
Medlin MS				
Gene Pike MS				
Chisholm Trail MS				
John M Tidwell MS				
Truett Wilson MS				
Haslet ES				
Justin ES				
Lakeview ES				
Roanoke ES				
Seven Hills ES				
Samuel Beck ES				
WR Hatfield ES				
Prairie View ES				
Sonny & Allegra Nance ES				
J Lyndal Hughes ES				
Kay Granger ES				
Sendera Ranch ES				
OA Peterson ES				
Clara Love ES				
JC Thompson ES				
Carl E Schluter ES				
Wayne A. Cox ES				
Special Programs				
Denton Creek				

Point Scale



Every Student Future Ready.

Benefits

- Student benefits
 - Future ready experiences
 - Anytime, anywhere learning
 - Access to collaboration
 - 1:1 (hybrid byod)
 - Opportunities for self-paced learning and individualized instruction
 - Increased engagement
- Enhanced security (data and physical)
- Operational enhancements
 - disaster recovery
 - business continuity
 - validated data

Closing Questions



Mission

Provide a premier infrastructure and access to state-of-the-art teaching and learning tools that best meet the needs of our Northwest ISD students and staff

Northwest ISD Athletics



Every Student Future Ready.

Introduction & Overview



Joel Johnson

Executive Director of Athletics Health & Physical Education

Role

Director For Middle School & High School Athletics

Director For Health & Physical Education For All NISD

Mission

Provide Students With Premier Educational Opportunities Preparing Them To Be
Successful, Productive Citizens

Introduction & Overview



Services

Provide Premier Programs

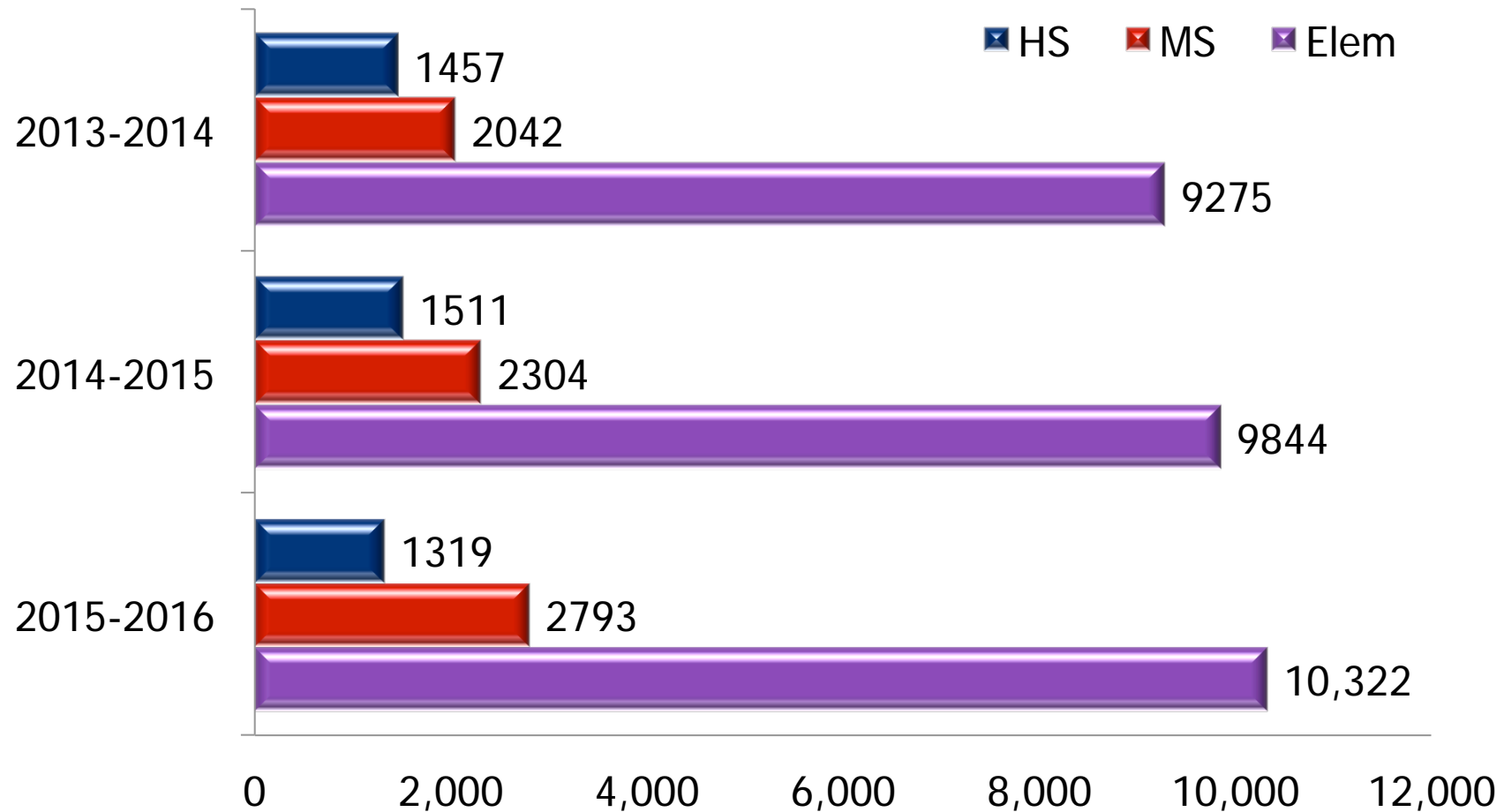
Recruit, Develop, and Retain a Highly Motivated Coaching Staff

Communication & Community Engagement

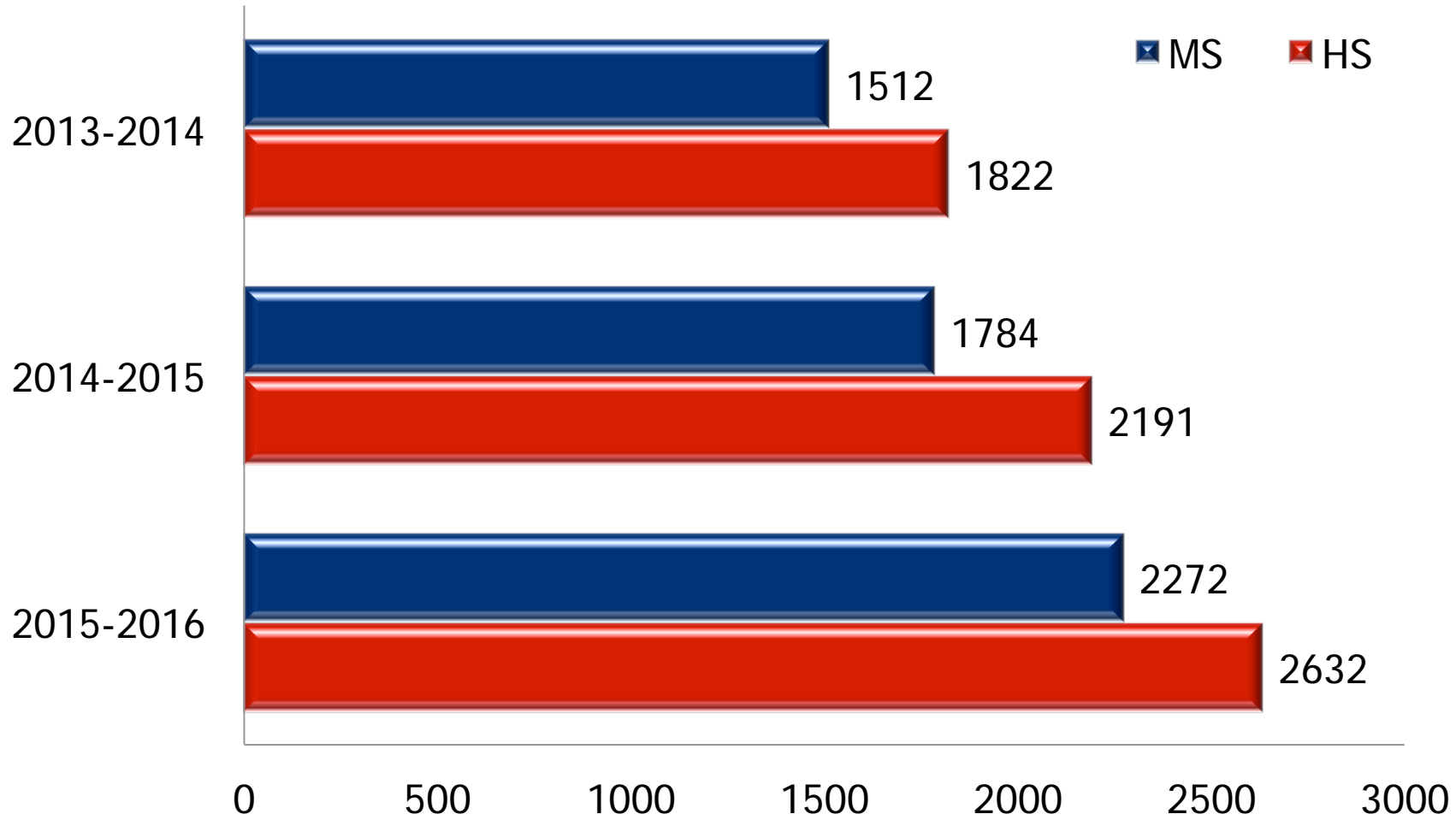
Provide Premier Facilities

Provide Optimal Services

Physical Education Participation



Athletic Participation



Program Participation

Fastest-growing school districts in Texas

These 20 school districts added the most students between 2014-15 and 2015-16. While Frisco ISD, with an enrollment of 53,300 last school year, added the most students, Prosper had the highest percent growth for its enrollment last year of 8,296.

	Number of students added	Percent of students added
Frisco ISD	3,656	▲ 7.4%
Katy ISD	2,622	▲ 3.7%
Conroe ISD	1,876	▲ 3.3%
Northside ISD	1,504	▲ 1.5%
Lamar CISD	1,360	▲ 4.8%
Alvin ISD	1,317	▲ 6.3%
Prosper ISD	1,220	▲ 17.2%
Klein ISD	1,192	▲ 2.4%
Northwest ISD	1,145	▲ 5.8%
Fort Worth ISD	1,105	▲ 1.3%
Humble ISD	1,027	▲ 2.6%
Grand Prairie ISD	999	▲ 3.5%
Fort Bend ISD	963	▲ 1.3%
Leander ISD	947	▲ 2.6%
Cypress-Fairbanks ISD	913	▲ 1.9%
Tomball ISD	882	▲ 1.3%
New Caney ISD	837	▲ 6.4%
Comal ISD	836	▲ 4.1%
Socorro ISD	708	▲ 1.6%
Hays CISD	706	▲ 3.9%

SOURCE: Population and Survey Analysts

Laurie Joseph/Staff Artist

With a 5% growth rate we are projecting right at **250 students per year** being added to our **Athletic Programs**

With a 5% growth rate we are projecting right at **720 students per year** being added to our **Physical Education Programs**

Northwest ISD 1145 ▲ 5.8%

Athletics Current Needs



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Athletics Current Needs



Chisholm Trail Middle School

- Addition of a Turf Field
- Resurfacing of 4 Lane Track / Jump Runway
- Addition of Pole Vault Runway and Pad/Mat
- Addition of High Jump Pad/Mat
- Addition 2 of Tennis Courts / 2 Courts Resurfaced

Athletics Current Needs



Gene Pike Middle School

- Addition of a Turf Field
- Resurfacing of 4 Lane Track
- Addition of Pole Vault Runway and Pad/Mat
- Resurfacing of LJ / TJ Runway
- 4 Tennis Courts to be Resurfaced

Athletics Current Needs



Medlin Middle School

- Addition of a Turf Field
- Resurfacing of 4 Lane Track
- Addition of Pole Vault Runway and Pad/Mat
- Addition of High Jump Pad
- Addition of LJ / TJ Runway

Athletics Current Needs



Tidwell Middle School

- Addition of a Turf Field
- Resurfacing of 4 Lane Track & Runways
- Resurfacing of 4 Tennis Courts

Athletics Current Needs



Byron Nelson High School

- Addition of 2 Practice Turf Fields
- Addition of Baseball Turf Field
- Addition of Softball Turf Field
- Replacement of Sub-Varsity Turf Field
- Replacement of Indoor Facility Turf Field
- Addition of 8th Lane on Track
- Resurfacing of Track and Runways
- Resurfacing 8 Tennis Courts

Athletics Current Needs



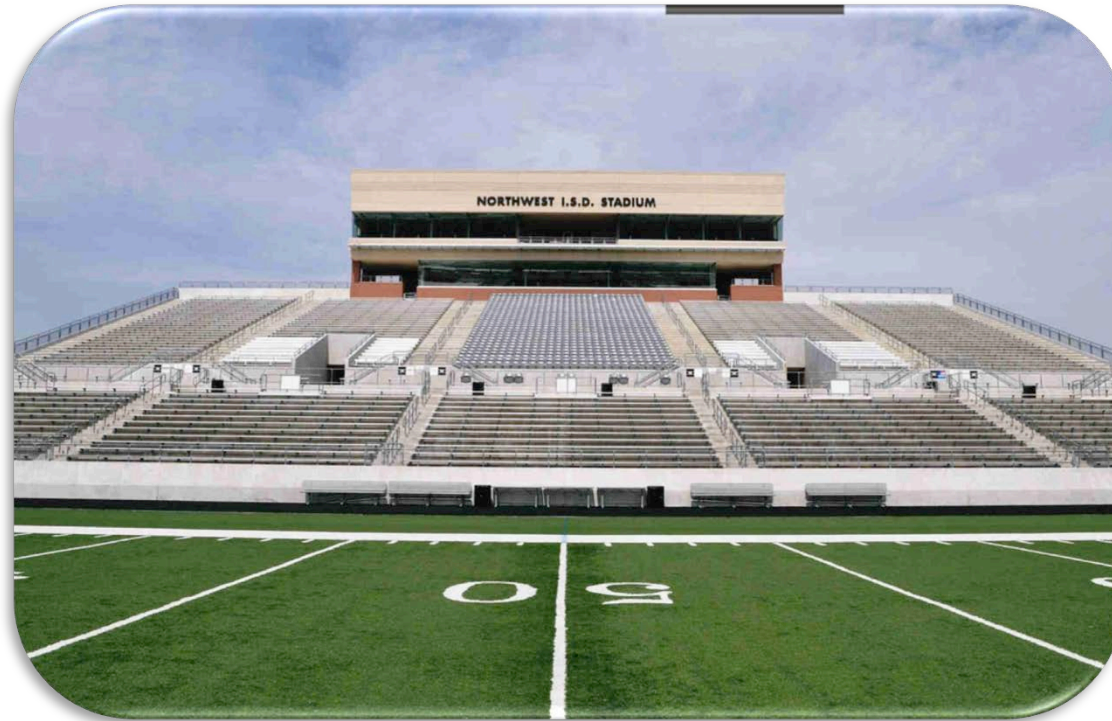
Northwest High School

- Addition of Baseball Turf Field
- Addition of Softball Turf Field
- Replacement of Indoor Facility Turf Field
- Resurfacing of 6 Lane Track
- Replacement of LJ / TJ / PV Runways & Pad
- Resurfacing 8 Tennis Courts
- Replacement of Scoreboards
 - NHS Gym / NHS Baseball & Softball Fields

NISD Needs



Replacement of NISD Stadium Turf
Replacement of NISD Stadium Scoreboard
Replacement of NISD Stadium Elevator



Northwest ISD Future Needs



NISD Future Needs



Aquatic Center

- Currently using KISD Natatorium
 - Divers @ 6am
 - Swimmers @ 4pm - 95 swimmers in 15 lanes (1hr 15min allotted)
- Lewisville / Grapevine / Keller / Southlake / Denton
 - All have facilities



NISD Future Needs



Byron Nelson H.S. Athletics

- Girls Soccer: 15 Lockers for 40 Athletes
- Boys Soccer: 50 Lockers for 74 Athletes
- Boys CC/Track: 37 Lockers for 72 Athletes
- Girls CC/Track: 40 Lockers for 74 Athletes
- Baseball: 52 Lockers for 60 Athletes (Size Issue)
- Fieldhouse

NISD Future Needs



Northwest H.S. Athletics

- Future Growth will necessitate athletic locker room needs in all sports.
(Opening of Eaton provided short term relief)
- Future Baseball & Softball Field House
- Fieldhouse

NISD Future Needs



Fencing Around Athletic Fields

- Medlin / Pike / Chisholm / Tidwell / Byron Nelson

Ticket Booths

- NHS Stadium / NHS Baseball
- BNHS Stadium / BNHS Baseball / BNHS Softball
- EHS Football / EHS Baseball / EHS Softball

2nd Stadium

- Included with 4th Comprehensive High School

Northwest ISD Vision



Every Student Future Ready.

NISD Vision



NISD Multi-Use Event Center

- Much Like Curtis Culwell Special Events Center in Garland
- Sports / Convocations / Concerts / Tournaments / Graduations / Conferences / Year Round Usage



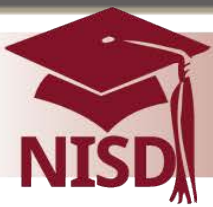
Questions?



Northwest Independent
School District

Northwest ISD Facility Assessment Update

Every Student Future Ready.

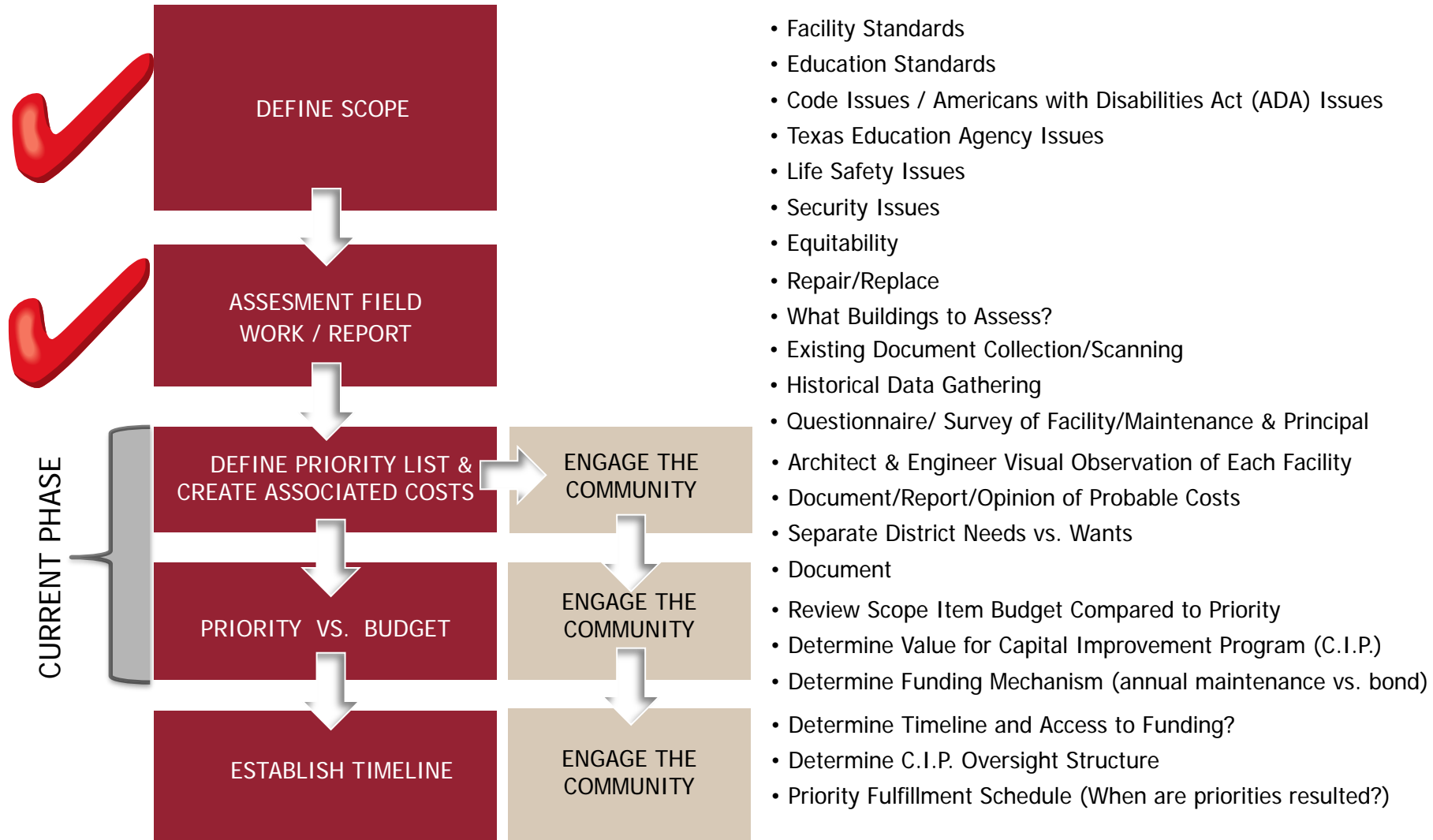


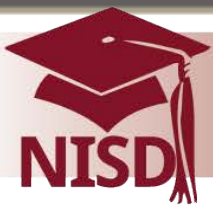
To observe, record and determine the present conditions of the facilities owned and maintained by Northwest ISD, with attention to existing building finishes & systems, classroom uses, and other facility information that will allow for comparison to future adopted district facility standards. The results allows for a determination of the level to which facilities are consistent and provide a reasonable level of equity across all district facilities for all learners.



EDUCATION ENVIRONMENT SNAPSHOT

Assessment = Present Condition of District Facility Education Environment





- There is approximately 3,500,000 square feet spread across 31 facilities that encompassed the assessment.
- – Elementary School = 1,418,857
- – Middle School = 895,115
- – High School = 1,066,275
- – Support Facilities = 117,143
- Current Student Population is apx. 22,056.
- The average age of NISD facilities is apx. 14 years built between 1983 and 2016.
- Two facilities, special programs and support services, are 66 years old, built in 1950.



General Observations:

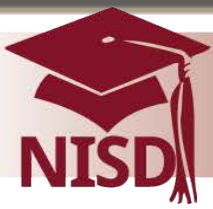
- Facilities are relatively young and have been well maintained.
- As would be expected, newer facilities had fewer problem areas that were evident during this assessment.
- Generally, the older buildings are showing their age and their systems are getting more difficult to maintain.

Civil and Landscape:

- Facilities are in overall good condition.
- Older facilities have some issues that should be considered.
- Outdoor sports facilities surfaces are in some improvements and replacement.

Accessibility:

- Access for the majority of district facilities is substantially compliant.
- Some older facilities will need to be addressed.



Architectural – Exterior:

- Facilities are in overall good condition.
- Exterior sealants should be replaced in windows, control joints, and expansion joints.
- Older facilities are showing signs of age.

Architectural – Interior:

- Facilities appear to be functioning and in working condition.
- Updating of interior finishes within older facilities should be considered.
- A few facilities are nearing the end of the facility lifecycle. This should be reviewed when considering renovation of existing facilities.

Mechanical / Electrical:

- Systems are in moderate to good working condition and functional.
- Need to address aging equipment that has reached end of useful lifecycle.
- It is beneficial to District to consider upgrades to equipment. It aides in lowering energy and maintenance cost.



Roofing:

- Facilities are in adequate to good condition with some minor repairs required.

Kitchen:

- Facilities are functional with most of the equipment in fair to excellent condition.

Security:

- Facilities are functioning adequately with suggested improvements of added site lighting, way finding signage, and district-wide access control system.

Technology:

- Facilities are functioning, but standardization is highly recommended.
- Area of concern are documented in each campus report.



Northwest Independent
School District

THE REPORT





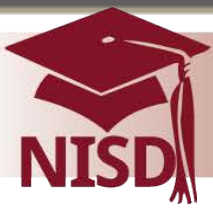
Gene Pike Middle School

Campus Data



GENE PIKE MIDDLE SCHOOL 2200 Texan Drive, Justin, Texas 76247	
Year Built	1993, 2005, 2009
Approx. Total Square Footage	192,414
Grades Served	6-8
Nominal Capacity	1,100
Current Enrollment	757
Building Levels	1











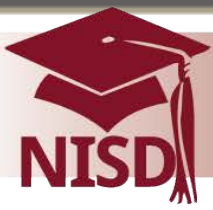


Northwest Independent School District

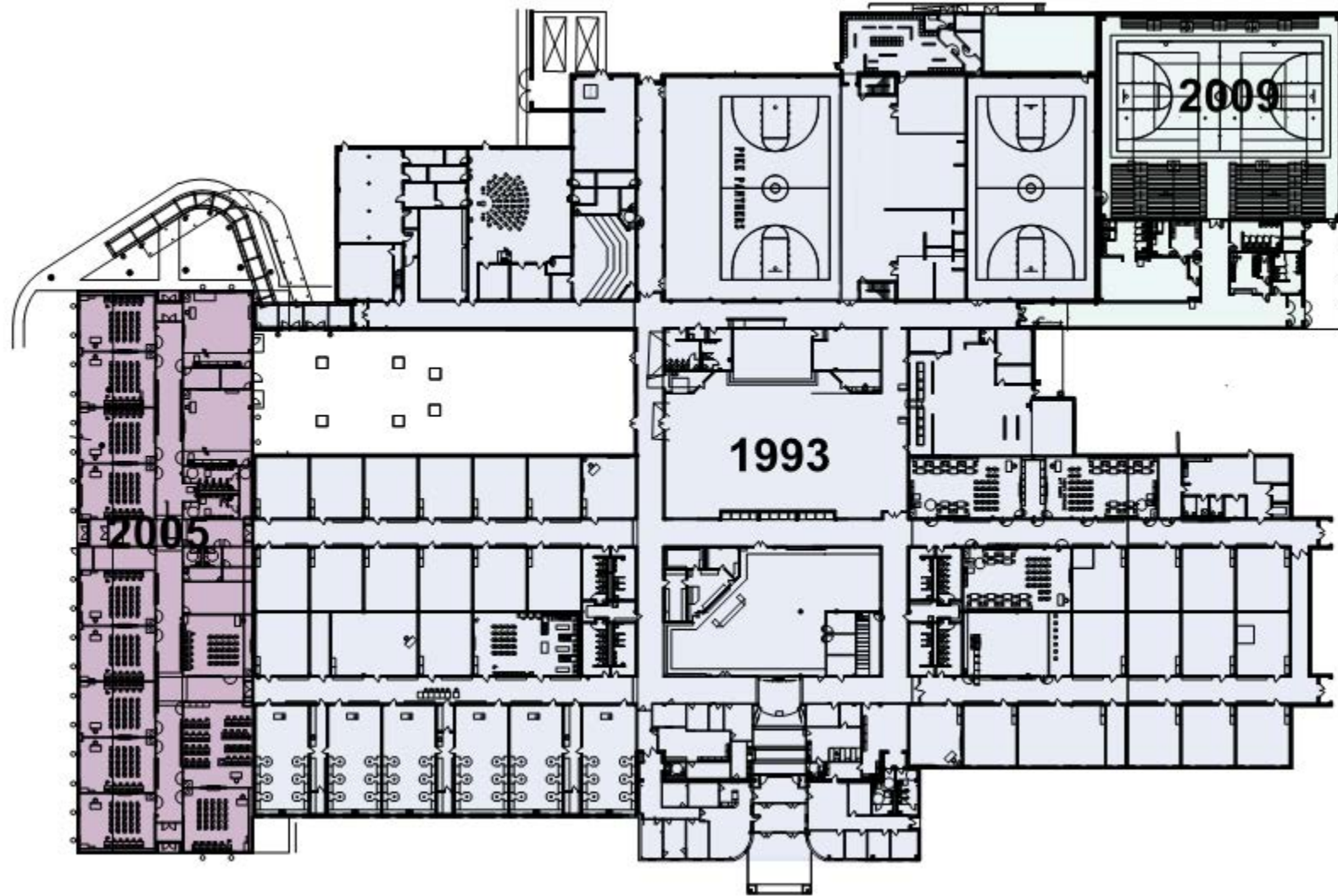


COLOR LEGEND

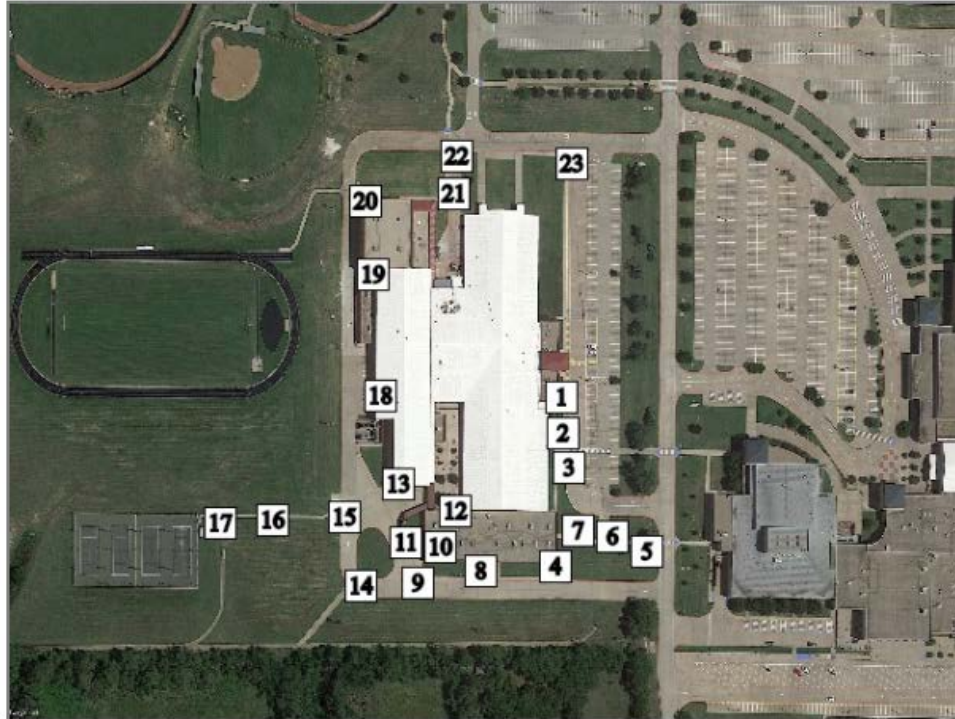
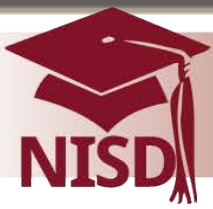
- | | | |
|--|---|--|
|  Administration |  Academic |  Library |
|  Athletic Space |  Fine Arts |  Support Spaces |
|  Dining |  Circulation | |



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School District



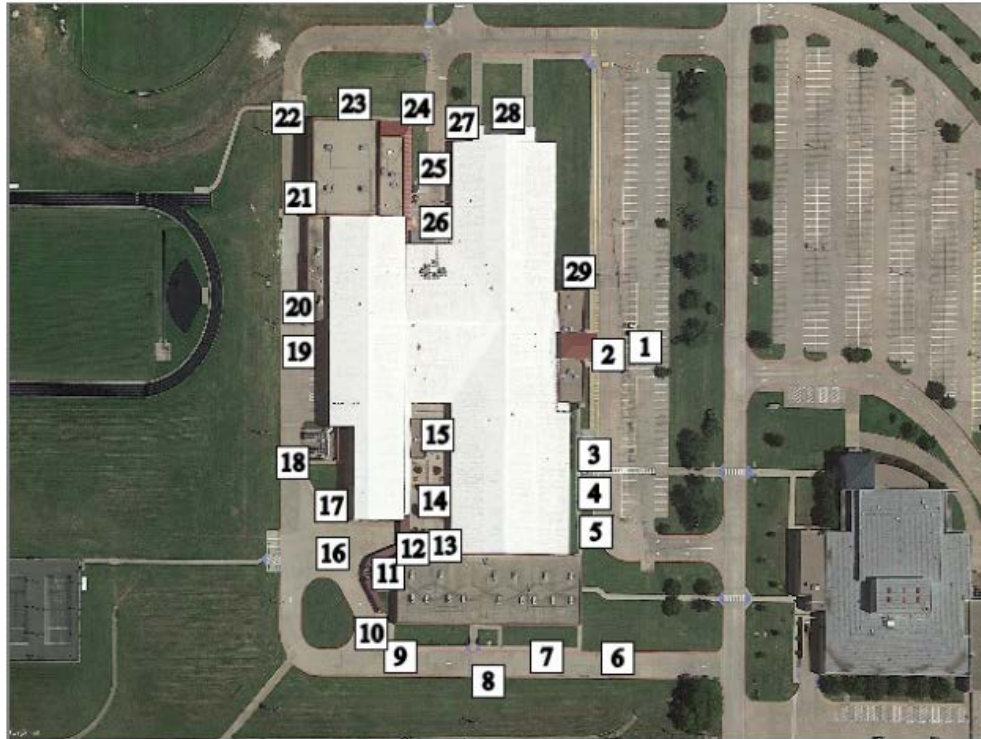
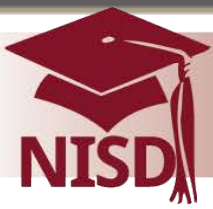
Huckabee



Broken Pavement - Replace Pavement



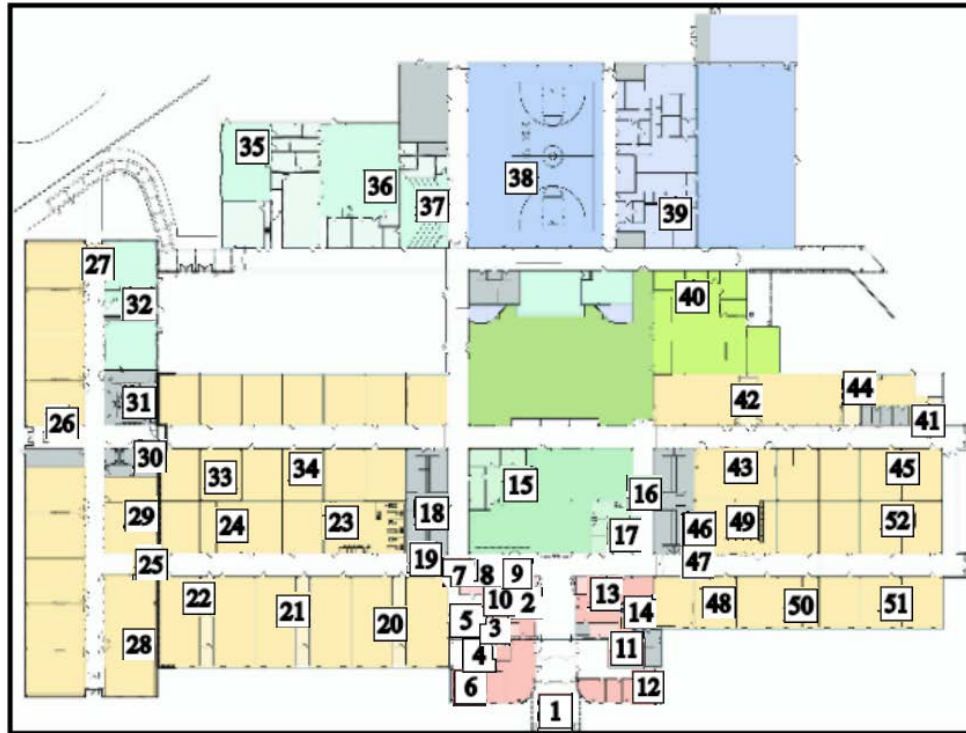
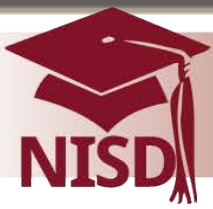
Broken Curb & Gutter - Replace Curb & Gutter



Roof shed water staining at the service bay gutter downspouts appear to have grease residue from the roof mounted vents.



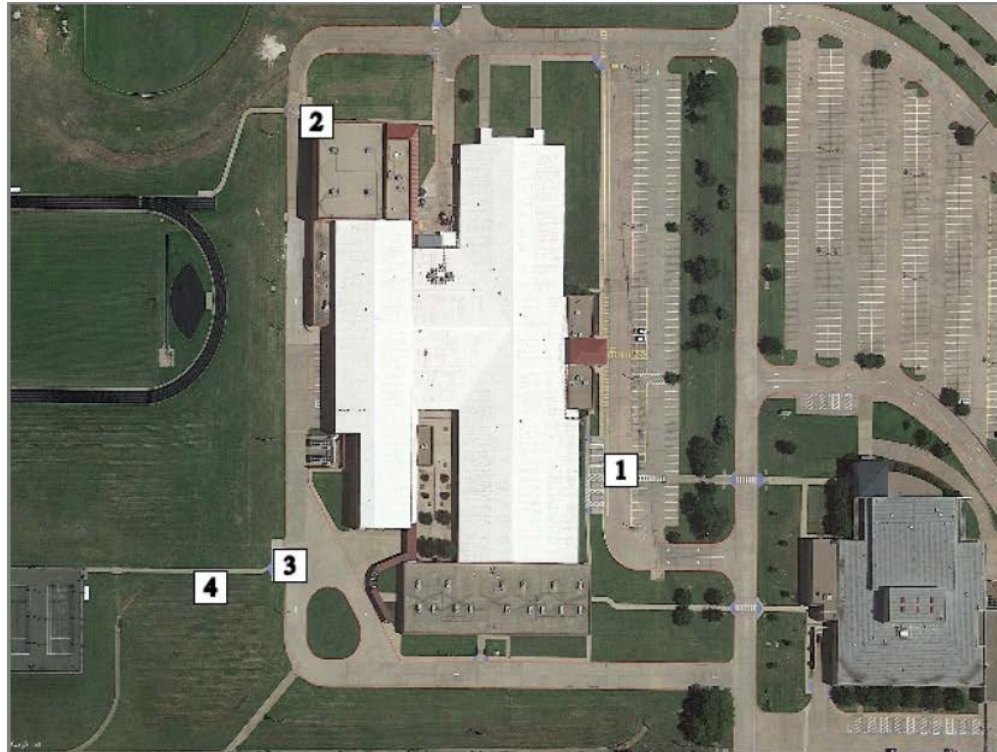
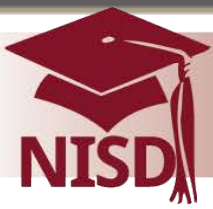
Roof edge drainage is causing water stains to wall below.



80% of the rubber base is missing.



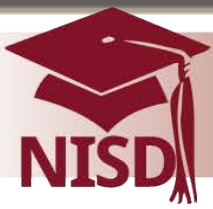
Water stains at lower section of wall.



Curb ramp cross slope of 2.3%. Maximum allowable 2%. Slope of 2.3% is within generally accepted tolerance for existing facility.



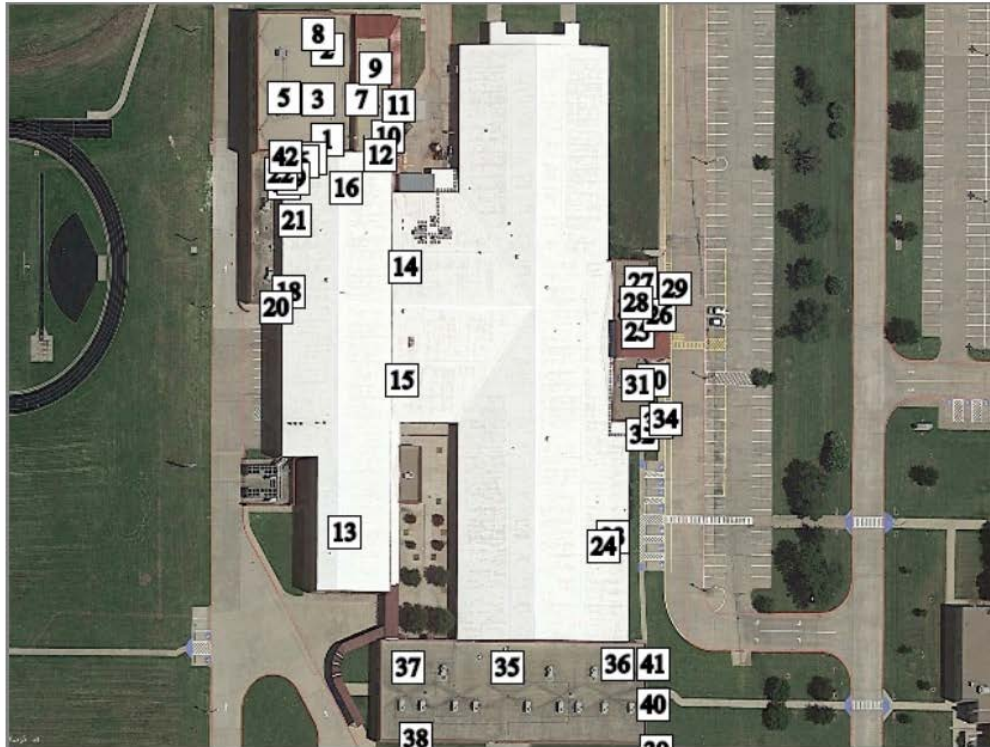
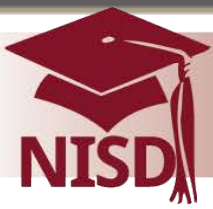
Running slope of curb ramp is 9.3%, which exceeds maximum allowable slope of 8.3%.



Lennox RTU (2004)



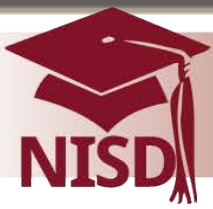
Quietside Split Units (2004)



Major ponding multiple locations.



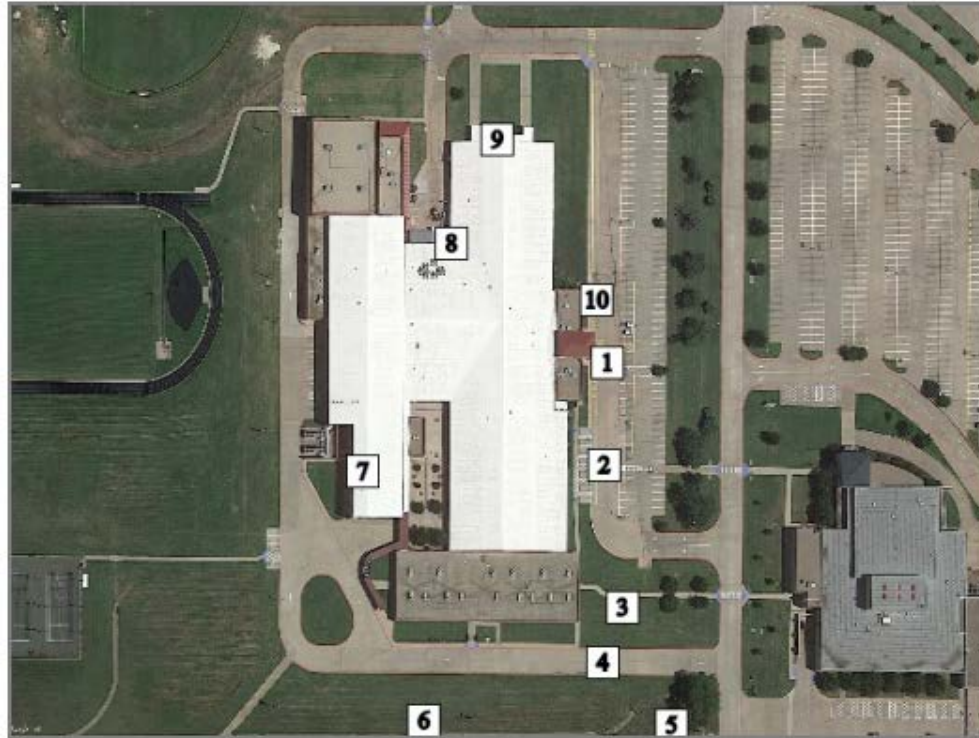
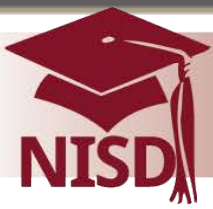
Counterflashing metal bent up and unsealed.



The connection of the disposer to the dish table is deteriorating.



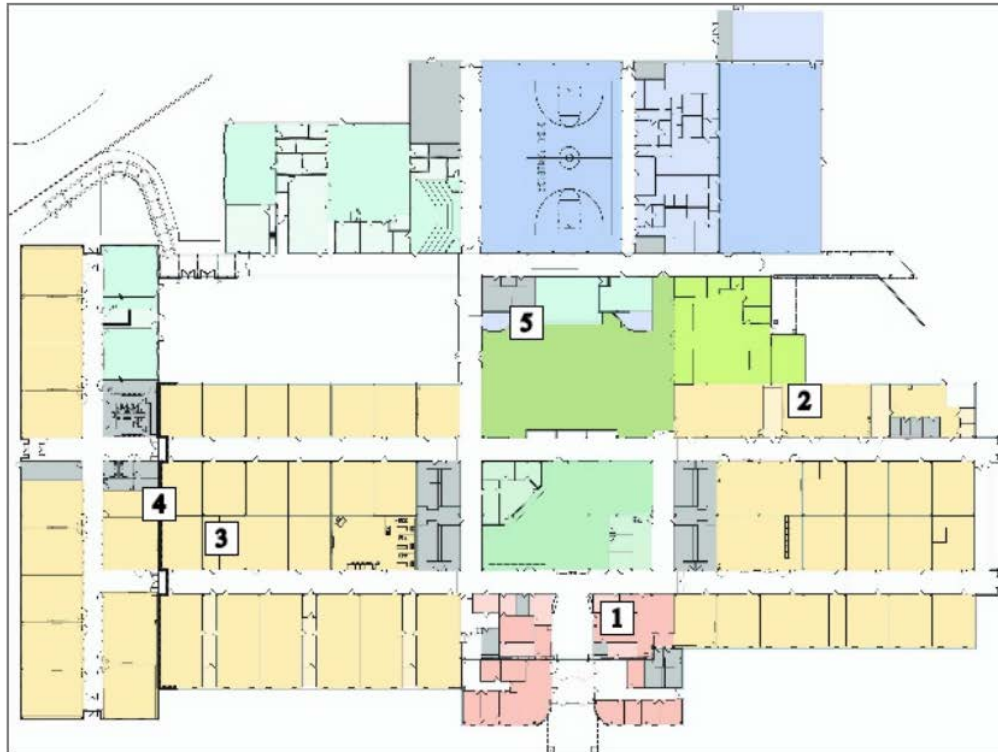
The pass-thru heated cabinet has broken knobs and the temperature cannot be controlled. Unit is very old.



Add concrete bollards around gas meter.



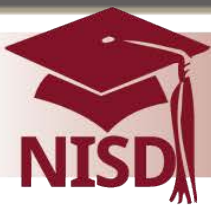
Loose cabling to be covered, removed or installed in a conduit pathway and terminated at its proper location. All abandoned cabling must be completely removed per the National Electric Code.



e. Clearances behind the equipment racks are limited and do not meet the NEC requirements for 36" of working clearances. The UPS constricts access to the rear working area of the rack.



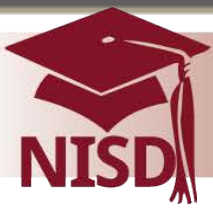
b. The space is shared leaving the IDF inaccessible due to stored items.



Gene Pike Middle School

Landscape

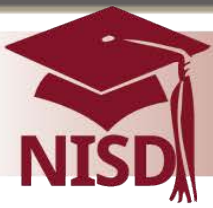
SI #	Task List	Quantity	Unit
1	Add concrete pad under trash cans	16	SF
2	Add mow curb under fence	60	LF
3	Add mulch to planter beds	860	SF
4	Remove and replace plant material in planter beds	350	SF
5	Area to regrade and re-sod	450	SF
6	Replace landscape edging with mow curb	120	LF
7	Re-sod thinning grass areas	1,750	SF
8	Replace irrigation controller	1	EA
9	Add concrete pad under bike rack	75	SF
10	Replace backstop fencing	20	LF
11	Trim trees	2	EA
12	Replace mismatched benches	2	EA
13	Replace mismatched trashcans	9	EA
14	Add sidewalk and concrete pad under tennis court bleaches	350	SF
15	Add sidewalk and concrete slab under track and football field bleachers	1,500	SF
16	Add vehicle access route to baseball fields	10,000	SF
17	Replace mismatched picnic tables	4	EA
18	Add water jug spigots	4	EA



Gene Pike Middle School

MEP

SI #	Task List	Quantity	Unit
1	UPGRADE PARKING LOT LIGHTING TO LED.	1	EA
2	REPLACE STAGE LIGHTING.	1	EA
3	RENOVATE COMPLETE PLUMBING SYSTEM.	192414	SF
4	REPLACE GREASE TRAP.	1	EA
5	HVAC UPGRADE- REPLACE ALL 1991 AIR HANDLERS, VALVES, RE-INSULATE EXISTING PIPING. (2017)	1	EA
6	REPLACE 2003-2005 DX EQUIPMENT. (2019)	95.6	TN



Design Professionals on the team:

Technology



Architects,
Safety / Security Specialists, &
Structural Engineers



MORE THAN ARCHITECTS

Huckabee

Mechanical & Electrical
(M/E/P) Engineers



Estes, McClure & Associates, Inc.

Civil Engineers



Food Service Specialists



Roofing



CONLEY
GROUP

Athletics Facilities

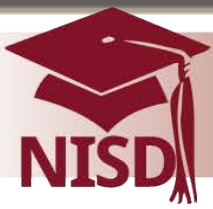


Accessibility



Accessibility Services

Huckabee



Internal Team Reviewing

- Board Members
- Administration
- Principals
- Facilities Team: Maintenance, Construction, Safety and Security, and Technology

Long Range Planning Committee Reviewing

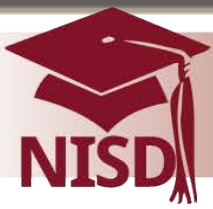
- You
- Advisors
- Consultants

Next Steps

- Review all campuses with the Facilities Team, Principals, and Consultants (Dec. 6th)
- Present Top Tier Deficiencies to Long Range Planning Committee (Dec 13th)

The Facility Assessment Report

www.nisdtxlrpc.org



Northwest Independent
School District

Questions

Every Student Future Ready.

Schedule

LRPC MEETINGS:

- Meeting 1: Tuesday, October 11, 6:00 p.m.
- Meeting 2: Tuesday, October 25, 6:00 p.m.
- Meeting 3: Tuesday, November 8, 6:00 p.m.
- Meeting 4: Tuesday, November 15, 6:00 p.m.
- **Meeting 5: Tuesday, November 29, 6:00 p.m.**
- Meeting 6: Tuesday, December 13, 6:00 p.m.
- Meeting 7: Tuesday, January 10, 6:00 p.m.
- Meeting 8: Tuesday, January 17, 6:00 p.m.

Meetings to last approximately 1½ – 2 hours and be held at the PDC in the Administration Building, unless communicated otherwise.

Recommendations to the Board of Trustees: Monday, January 23, 2017

Deadline to call bond election for May 2017: Friday, February 17, 2017

Next Meeting

Meeting 5

Building a Project Budget
Construction Cost Overview
Potential Projects
Group Discussions

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817-215-0069

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