

TULSA PUBLIC SCHOOLS

2021 Bond Oversight Committee

November 12, 2024

Greg Shaw Chair, Citizen Bond Oversight Committee

Dr. Jen Miller, Secondary Science Content Manager

Ben Tippin, Dir. Client Services

Chris Hudgins, Exec. Dir. Bond

Ellen Duecker, Bond Project Mgr.





Citizen Bond Oversight Committee

Agenda 11/12/2024

- Welcome: Bill Richert, Past-Chair
- Approval of Minutes
- Bond Budget Review: Ellen Duecker
- Dr. Jen Miller, Secondary Science Content Manager
- Joe Jennings, COO, Prop 2 Report
- Bond Progress Report: Ellen Duecker
- Closing: Bill Richert



Authorized: \$414MM

Received: \$285MM

Remaining: \$129MM

Next Bond Release:
March, 2025

**2021 Bond
Progress:
Budget**

**\$285MM
received**

**6.5 years for
project
completion**

2021 Bond: Available Funds by Project

9/9/24

MANAGING DEPARTMENT	PROJECT DESCRIPTION	AVAILABLE (UNSPENT) BUDGETS
ACADEMICS	INSTRUCTIONAL LEARNING RESOURC	1,246,047.68
	TEXTBOOKS & LEARNING MATERIALS	3,193,022.43
	EXCEPTIONAL STUDENT/SPEC NEEDS	413,954.22
	PROF LEARNING FOR TEACHERS	756,836.38
	AUDITORIUM IMPROVEMENTS	9.58
	LANGUAGE LEARNING RESOURCES	1,552,088.58
	SCHOOL PROJECT FUNDS	3,393,939.39
	POSTSECONDARY CAREER EDUCATION	532,674.05
	EARLY CHILDHOOD EXPANSION	1,304,905.00
	PROGRAM EXPANSIONS	848,282.24
	SCOREBOARDS/SOUNDSYS REPLACMNT	23.25
	WELLNESS AND PE	439,248.82
	FINE ARTS	2,835.00
	LIBRARY DIGITAL/PRINT RESOURCE	361,518.23
TECHNOLOGY	SECURITY CENTRAL OFFICE NEEDS	637,594.99
	MASS COMMUNICATION AUDIO/VISUA	1,359.43
	COMPUTERS/IWB & PERIPHERALS	8,600,955.47
	ACCESS DOORS	128,590.40
	CAMERAS/RADIOS/DISPATCH	8,135.46
	ALARMS	318,114.48
	BOND MANAGEMENT FEES	0.00
	PHONE/INTERNET NEEDS	2,000,000.00
	SOFTWARE/APPLICATION SUBSCRIPTION	4,360,849.12
FACILITIES	HVAC	2,656.01
	SECURE ENTRIES & FENCING	147,056.73
	ACCESSIBILITY	215,258.31
	PAVING	64,033.75
	ROOFING	0.11
	DINING/KITCHEN IMPROVEMENTS	71,235.77
	FURNITURE	108,502.09
	INTERIOR RENOVATIONS	77,695.51
	PLANNED-UNBID/ARCHITECTS/CONTINGENCY	15,292.50
PROFESSIONAL SVC/BOND MNMT/ISSUANCE FEES	234,335.78	
TRANSPORTATION	SCHOOL BUSES / ROUTE MAIN	1,303,570.46

Proposition 4: STEM Labs & Programming



Dr. Jen Miller

Secondary Science Content Manager

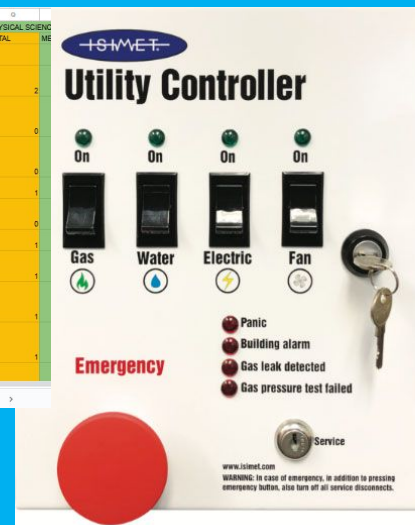
milleje3@tulsaschools.org



Goals for Labs

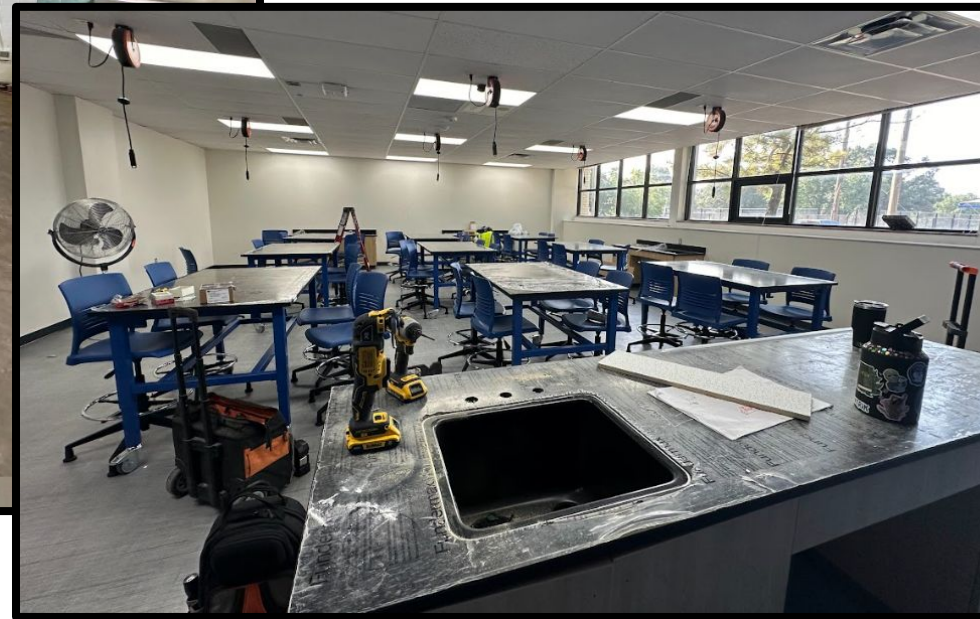
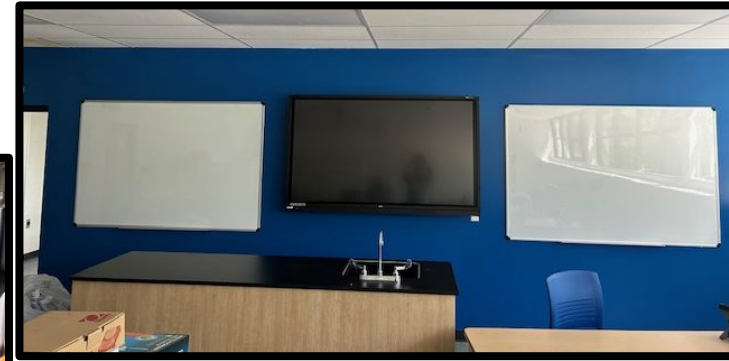
- ★ Modernize Lab Spaces
 - Functionality
 - Preserve Historical Areas
- ★ Increase Lab Safety
- ★ Update non-consumable lab materials
 - Enrich the student experience
 - Uphold lab expectations

CHEMISTRY	CHEMISTRY	CHEMISTRY	CHEMISTRY	CHEMISTRY	BIOLOGY	BIOLOGY	BIOLOGY	BIOLOGY	BIOLOGY	PHYSICAL SCIENCE	PHYSICAL SCIENCE	
FLINN	ITEM	TOTAL	MEMORIAL HS	storeroom 2, rooms 1208, 131, 2	FLINN	ITEM	TOTAL	MEMORIAL HS	storeroom 205	FLINN	ITEM	TOTAL
BE9394	Safety Poster	1			Local	Emergency Contact sign	1			Vendor		
AP9100	Chemical Storage Sign	1			AP8220	Glass disposal container	3			SE8010	Storage shelving	2
Local	Emergency Contact sign	1			AP1600	Inorganic Chemical disposal container	1			SE1000	Goggle Sanitizing Cabinet	0
AP7228	Spectrophotometer or Colorimeter	9			AP4400	Organic Chemical disposal container	1			AP7141	Sink with running water	0
AP1111	Thermometer s (C)	9			SE1640	Eyewash	2			SE831	Safety Poster	1
AP8004	Hot plate w/ stir function	9			DB2141	Electronic Balance w/0.01g	9			AP8190	Chemical Storage Sign	0
AP8394	Scissors	36			AP8204	Meter Sticks (not yard)	18			Local	Emergency Contact sign	1
TC1618	Geiger counter	2			SE1070	Hot hand protector	18			Local	Solid waste disposal container	1
AP8700	Radioactivity sources (alpha, beta, gamma)	3			AP1505	Incubator	1			AP8229	Glass disposal container	1
Local	Colander	0			FB1032, FB10	Dissection Kit	0			AP1600	Inorganic Chemical disposal container	1
Local	Spectrum	0									Organic Chemical	1



Science Lab Upgrades:

Extensive rebuilds vary by course



Memorial High 5 labs

Science Lab Upgrades: Rogers Middle / High: Remodel 6 Science Labs

Labs vary depending on specific courses.
Ex: MS, chemistry, biology, physics.



Rogers Middle / High: Remodel 6 Science Labs



Retain historic millwork with new sinks, electrical drops, paint and modern furniture.



Status Update

Completed Secondary Lab Renovations

- Will Rogers Middle School
- Will Rogers High School
- Hale Middle School
- Hale High School
- McLain High School
- East Central High School
- Washington High School
- Memorial High School
- Edison Preparatory Middle School



Upcoming Secondary Lab Renovations

- East Central Middle School
- Central Middle School
- Central High School
- Memorial Middle School
- Monroe Demonstration Academy
- Thoreau Demonstration Academy
- Edison Preparatory High School
- Carver Middle School
- Webster Middle School
- Webster High School

STEM Programming

Goals for programming:

- ★ Support current programming to enrich the student experience
 - Development of Lab Manuals
 - Non-consumable purchases to support programming

- ★ Expand programming at a sustainable level
 - Ecosystems of NEOK G11&12
 - STEM elective in MS (2025)



STEM Programming

Goals for programming:

- ★ STEM projects at middle school & physical science
 - G6: Earth & Space
 - G7: Life Science
 - G8: Physical Science
 - PS: Partnership with FC Tulsa

- ★ Teacher Training
 - Training Lab at Wilson Teaching & Learning



Q&A



Student & Classroom Technology: Proposition 2



Technology Projects Updates

Completed

- 15,000 Chromebooks Refreshed (Secondary, Summer 2024)

In Progress

- 19,000 Chromebook Refresh (Elementary, Fall 2024)
- Interactive Panel Replacements, 3,000+ devices (600 complete)
- Surveillance Camera Replacements, 3,500+ devices
- Network Firewall/Web Filtering Upgrade
- Visitor Management Application Upgrade

On the Horizon (6-12 months)

- Digital Signage
- Edge Switching Upgrades
- Data Center Upgrades
- Wireless Network Upgrades



Student, Teacher and Staff Technology & Systems

The bond pays for nearly every piece of technology and every technology system in the district!

- *Vital to the daily operations of our school!*
- *Critical to our safety systems!*

- Student computing devices
- Teacher and staff laptops
- Classroom technology
- Office equipment
- Printers
- Telephones
- Intercoms
- Network systems
- Lightning prediction systems
- Firewall protection ... And more!





Technology Network Systems & Security Upgrades

Student Device Upgrades

- All sites, *complete*

Interactive Panel for Classrooms

- *In progress*, target completion April 2025.



Security Improvements: Cameras, Radios, Security Systems

Additional safety improvements have been made to multiple systems including:

- New weapons detection systems for secondary schools *complete '23*
- Added additional access controlled doorways in elementary schools *complete '23*
- Security cameras (3,500+) *In progress*
- Intercom Enhancement for Hearing Impaired
 - Edison High/Mid. *complete*



Security Improvements: Enhanced Secure Entries 73 sites complete

*Started secure entry remodels in the 2015 bond with elementary schools.
Continue that work with secondary schools in the 2021 bond.*

- Central Middle/High *complete*
- East Central Senior High *complete '23*
- Hale Senior High *complete '23*
- Memorial Senior High *complete '23*
- Memorial Middle School *complete '23*
- Webster High *complete '23*
- North Star/Parent Resource Center *complete '23*
- Tulsa MET *complete '23*
- Phoenix Rising *complete '23*
- Legacy lower and upper *complete '23*
- Kendall Whittier *complete '23*
- Rogers Annex *in progress ...complete by 12/24*
- Webster MS *in progress ...complete by 12/24*





Safe Learning Environments: Proposition 1





- Bell Elementary *complete '23*
- Burroughs Elementary *complete '23*
- Hawthorne Elementary *complete '22*
- Sequoyah Elementary *summer '25*
- Skelly Elementary *complete '22*
- Thoreau Demonstration *summer '25*
- Tisdale Elementary *complete '24*
- Whitman Elementary *complete '24 except kitchen summer '25*
- Eugene Field: partial *complete '22*
- Transportation: partial *summer '25*

Furniture budgets for all schools: *site allocations ongoing and on schedule*

Accessibility, ADA Improvements

- Central Middle/High
- East Central High *restrooms complete*
- Edison High *complete*
- Education Service Center
- Hale High *complete*
- Marshall Elementary
- McLain High
- Tulsa Learning Academy
- Tulsa Met (restrooms)

District-wide where needed:

- Exit modifications
- Elevator/chair lift refresh and replacements
 - Wright elevator, *complete*
 - Elevator upgrades: *Sequoyah, Webster, Thoreau , BTW, Hamilton, Hale MS, Sequoyah complete*
- Parking lot resurfacing: multiple annually *Anderson, Bell, Patrick Henry, Hawthorne, Skelly Upper & Lower, East Central Sr., Edison Sr., ESC, Edison MS, Hale MS, Mitchell*
- LED lighting upgrades *complete 6/22* Sidewalk improvements *Ongoing*



Hawthorne Elementary Summer 2022

Dining & Kitchen Improvements: 18 Projects 12 complete

Create “hard-working spaces” in secondary schools as well as meeting district plan to refresh aging kitchen equipment and infrastructures.

- Central Middle/High *summer '25*
- East Central High *summer '25*
- Edison High *complete '22*
- McLain High *complete '24*
- Memorial High *complete '23*
- Rogers Middle/High *complete '23*
- Webster Middle/High *Complete*
- Washington High *complete '22*
- Burroughs *complete '23*
- Eliot *complete '23*
- Hawthorne *complete '22*
- John Hope Franklin *complete '23*
- Skelly *complete '22*
- Tisdale *complete '24*
- Whitman *summer '25*
- Thoreau *summer '25*
- Sequoyah *summer '25*
- District bakery **Postponed**



Dining & Kitchen Improvements:

Update: District Central Kitchen / Bakery Postponed

\$1.6MM was originally designated to Ross Bakery renovation

Goal: Improve food quality district-wide with consistent preparation and speedy direct delivery.

CBOC approved fund reassignment to similar project at the TPS Warehouse location. Project plan expanded to a phased approach using district funds, when available, to include a full kitchen/distribution center.. What led us to postpone?

- Child nutrition contract changed from Sodexo to Aramark. The new vendor supports the concept and is revisiting the the design.
- Exploring opportunities for satellite distribution. Potential to save money and improve quality
- Analysing future needs & code requirements for small schools

Meanwhile: HVAC projects all came in over budget due to COVID driven construction increases and requirement to pay federal prevailing wage . Example: Mayo Wilson was budgeted at approx. \$5MM. Actual cost was \$9MM.

Therefore Ross bakery funds \$1.6MM have been assigned to the Wilson/Mayo HVAC project.

Staff and Aramark are reviewing/researching centralized kitchen plans for the next 2025 bond.



Roofing:

19 projects

15 Complete



Lanier



Kendall-Whittier

- Booker T Washington High *summer '25*
- Burroughs Elementary *summer '25*
- Carver Middle *complete '24*
- Cherokee (Legacy Upper) *complete '23*
- Disney Elementary *complete '21*
- Edison High *complete '22*
- Eisenhower International *complete '23*
- Eliot Elementary *complete '21*
- Greenwood Leadership *complete '22*
- Lanier Elementary *complete '22*
- MacArthur Elementary *complete '22*
- McLain High *summer '25*
- Peary Elementary *complete*
- Phoenix Rising *complete '24*
- Rogers Fieldhouse *summer '25*
- Skelly Elementary *complete*
- Street School *complete*
- Webster High *complete '24*
- Webster Fieldhouse *complete '24*

Secondary School Entrance Improvements

Along with enhanced secure modifications, the bond plan included updating several secondary school facades to welcome students and families.



Senior Highs:

- East Central *complete '22*
- Memorial *complete '23*
- McLain *in progress*
- Hale *complete '24*

Middle Schools:

- Thoreau
- Memorial
- Hale
- East Central
- Carver

Hale Sr. High.



Security Improvements: Fence Replacements

28 complete 10 in progress



<i>Phase 1 '21</i>	<i>Phase 2 '22</i>	<i>Phase 3 '23 -'24</i>
Rogers	Springdale	Bell
Hawthorne	Salk	Carnegie
Burroughs	Hoover	Cooper
Disney	Celia Clinton	Eliot
Clinton West	Kerr	Grissom
Marshall	Lewis & Clark	Mitchell
	Tulsa MET	Peary
	Lindbergh	Sequoyah
	McKinley	Unity
	Robertson	Whitman
		Patrick Henry



Transportation Proposition 3



- **SUCCESS !!! Student Transport Project:** Certified YTD over 340 staff to drive new SUVs and Type A mini buses. Teachers and coaches are checking out Suburbans and mini buses.

So far this year: 1156 Field Trips using 1511 buses





Transportation Proposition 3



2021 Projects Include:

28 School Buses	26 CNG and 2 electric full size buses <i>18 CNG received 2 electric received</i> <i>3 activity buses and one 94-passenger diesel bus expected in December.</i>
15 Transportation Vans	10 Passenger vans for student transport: College/Careers (2), Senior Highs (12), McKinney Vento (1), <i>16 vans and SUVs received</i>
18 Class A Buses	14 Passenger vans for student transport: College/Careers (1), Transportation (17) <i>12 received</i>
116 Service vehicles	Includes replacement vehicles (pick-ups, SUVs, trucks, mowers, and other specialized service vehicles) for multiple departments including police (9), IT/security (8), warehouse (1), maintenance (14), and various departments including athletics, college/career, curriculum. Exact numbers will vary as replacement needs are identified throughout the bond period. <i>On track receiving</i>
Vehicle Parts	Budget for service parts, tires, etc. <i>ongoing</i>
Software/Tech	Includes Zonar tracking, RFID badges, and other software systems <i>ongoing</i>



Includes 10 major categories including all curricular areas and programs ranging from core curricular subjects to college and career programs, fine arts, athletics, libraries and more!

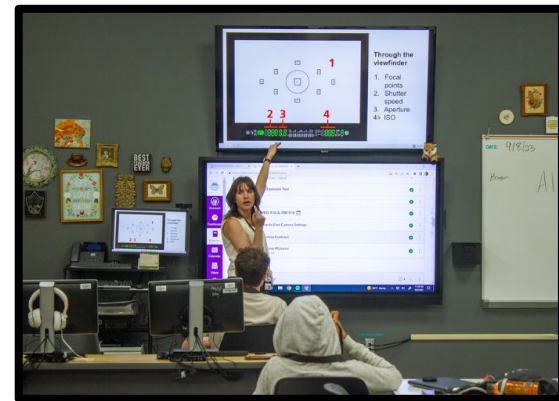


Quality Learning Materials & Programs: Proposition 4

Quality Learning Materials & Programs

Textbooks and Curriculum Materials

- English Language Arts; Elem *complete 2022*
- English Language Arts: Secondary *complete 2023*
- World Languages: Secondary *complete 2023*
- Math k-12: *complete 2024*
- District wide software supports—**annual purchases**
 - Learning management platform *Canvas*
 - College/Career readiness/planning software *Naviance*
 - Online credit accrual and recovery course platform *Edmentum*
 - Individualized online platform in middle and sr high individualized learning platform *Exact Path*
 - Ongoing purchases to follow state adoption cycle and specialized classes for all schools



Sample Projects: Not a complete list

Quality Learning Materials & Programs

Language and Cultural Services

Provides resources for ELL, English Language Learners, dual language learners and world language students

- English Language Development, ELD, Elementary *complete 2022*
- English Language Development, ELD, Secondary *complete 2023*
- Translation equipment sets for meetings *complete 2023*
- Digital supplemental support programs for English Language Development, ELD and for Multi-language learners *Ongoing annual purchases*
 - *Ellevation, Istation, Lalilo, TPRS, Senor Wooly, Achieve 3000, Imagine Learning and more!*



Quality Learning Materials & Programs

Library Resources

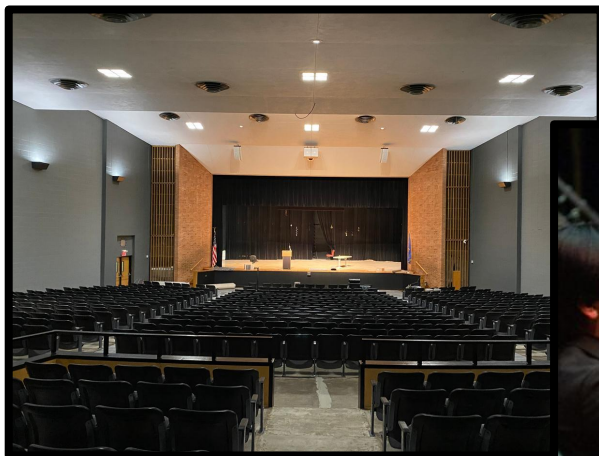
- Library books and materials: *ongoing*
- Library tech equipment upgrades: *ongoing*
- Subscriptions to online research resources: *ongoing*
- District library, textbook/resource, and asset management system - *annual renewal*
- School library remodels/refreshes *where needed*
 - **Edison Prep, Memorial High, Webster, Carver, Central, Key, Burroughs, L&C**
complete GLA summer '25



Quality Learning Materials & Programs

Fine arts

- Auditorium improvements 25 schools *in progress*
- Band uniforms *complete '23*
- School requested projects to address specific needs for each school *ongoing*
- Webster band addition *complete '24*



Sample Projects:

Auditorium Refresh Continues for 24/25...

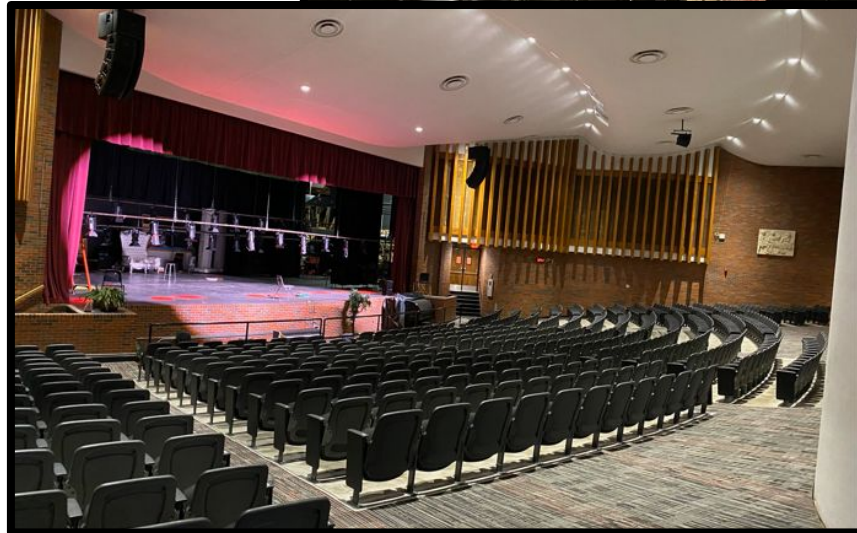
**Senior High Retro @ Edison,
Memorial Webster**

Middle Schools In Progress

- Carver
- Hale Middle
- East Central Middle
- Memorial Middle
- Thoreau

Elementary Schools in Planning:

- Anderson
- Clinton West
- Eisenhower
- Hamilton
- Sequoyah
- Skelly



25 Auditoriums
Curtains, lights
and more!



Quality Learning Materials & Programs

STEM and Science Lab Upgrades

- New science lab hands-on materials and equipment for all classes *complete '23*
- Secondary science lab upgrades Hale MS, Hale HS, East Central HS, McLain HS, Rogers, Memorial *complete '22 , '23 , '24* Remaining secondary schools *in progress*

Post- Secondary College & Career Expansion

- Career Tech Labs: computer upgrades at all program sites *equipment complete '23* Lab furnishing refresh *4 complete '24*
- Webster Agricultural ed: *complete '24*
- Hale construction lab expansion *complete '23*



District Initiatives

Projects

Current Active Projects

Post-Secondary
College & Career
Expansion

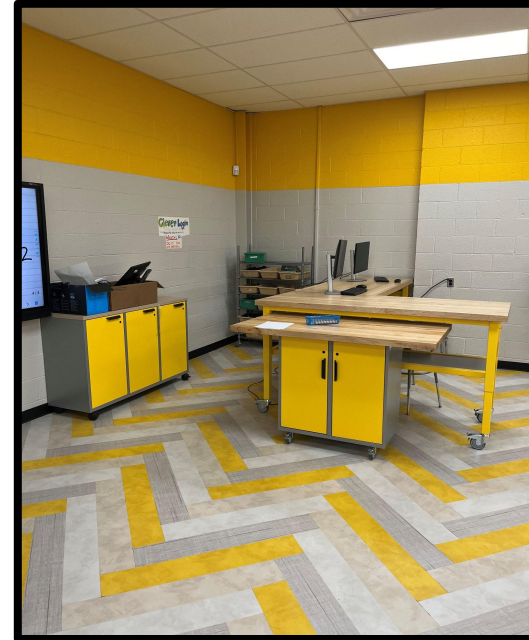
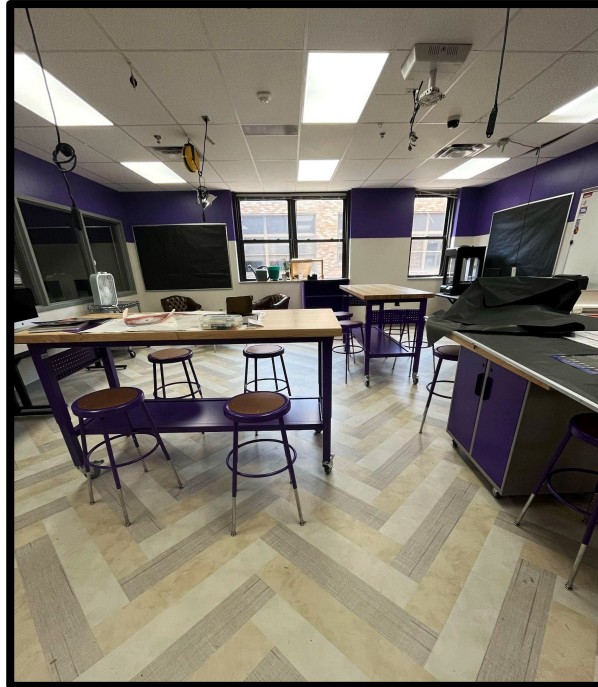
- *Career Tech Labs: computer equipment replacements at all program sites **complete 23'***
- *Webster: **complete 24***
- *Upgrades to career tech rooms: **4 schools complete '24***

STEM and Science
Lab Upgrades

- *New lab materials **have been purchased for science labs across all secondary sites to refresh needs, aligned with grade level and hands on lab experiences.***
- *Hale and Webster lab upgrades **in planning***



College and Career Tech Renovations: Create program focused, specialized work spaces for students with electrical drop downs, counter height tables and storage.



- Carver Middle
- Monroe Middle
- Webster Middle / High
- McLain High



District Initiatives

Projects

Current Active Projects

<p><i>Early Childhood Education Expansion</i></p>	<ul style="list-style-type: none">• <i>Skelly Primary & Hawthorne modifications complete</i>• <i>Purchase of curriculum materials complete annually</i>• <i>Early childhood restroom upgrades for multiple sites in progress</i>
<p>Program Expansion</p>	<ul style="list-style-type: none">• <i>Grissom Montessori resources and building modifications: phase I complete</i>• <i>Grissom Phase II: Add classroom sinks complete</i>• <i>Eugene Field Montessori resources and modifications. Complete</i>• <i>Eugene Field: Trailer removal and replacement with adjacent property complete</i>
<p>Greenwood Rising Black Wall Street Museum</p>	<ul style="list-style-type: none">• <i>Class visits for all 8th grade students complete..Continue annually</i>• <i>Selection of interactive curriculum aligned resources in progress</i>

Wellness / Playgrounds

- Bell *under contract*
- Carnegie *under contract*
- Council Oak *complete*
- Cooper *under contract*
- Eugene Fields *under contract*
- Hawthorne *complete*
- John Hope Franklin *complete*
- Kendall Whittier *3 complete*
- Kerr *complete*
- McKinley *complete*
- Project Accept *complete*
- Robertson *under contract*
- Skelly *complete*
- Salk *under contract*



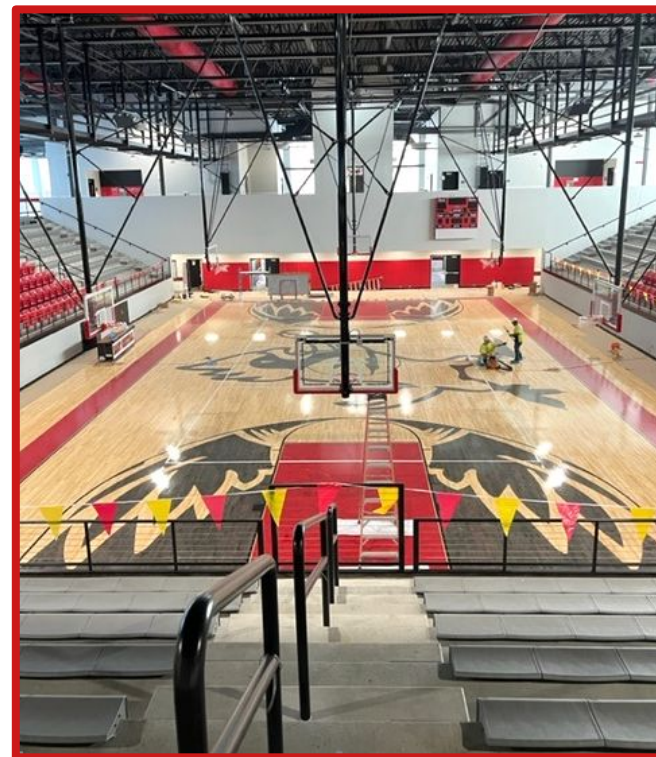
District-wide where needed: ADA Playgrounds
Fall Zone refresh coating
Outdoor class spaces

Athletics: 28 Construction Projects

Additional projects ongoing

13 complete 6 in progress

BTW High	<ul style="list-style-type: none"> ● Tennis Courts <i>complete</i> ● Stadium Waterproofing/refresh <i>complete</i>
Central Middle / High	<ul style="list-style-type: none"> ● Turf Replacement <i>in progress</i> ● Track resurfacing <i>in progress</i> ● Tennis Court Re-purpose
East Central High	<ul style="list-style-type: none"> ● Scoreboard/ Time Clock replacement <i>complete '23</i> ● Stadium Waterproofing/ refresh <i>summer '25</i> ● Fieldhouse & YMCA collaboration <i>complete '22</i>
Edison Prep	<ul style="list-style-type: none"> ● Turf Replacement <i>summer '25</i> ● Track Resurfacing <i>in progress</i> ● Tennis Court Re-topping <i>complete</i> ● Sound System Fieldhouse <i>complete '22</i>



East Central Fieldhouse

Athletics...Continued

Hale High	<ul style="list-style-type: none"> ● Turf replacement, practice field <i>complete '22</i> ● Multi-purpose facility <i>in progress</i>
Mclain High	<ul style="list-style-type: none"> ● Turf replacement, Driver Stadium <i>in progress</i> ● Track Resurfacing <i>in progress</i> ● Tennis court repurposing <i>summer '25</i> ● Stadium waterproofing/refresh <i>summer '25</i>
Memorial High	<ul style="list-style-type: none"> ● Scoreboard/ Time Clock replace <i>complete '23</i> ● Tennis Court replacement <i>complete</i> ● Stadium waterproofing/refresh <i>summer '25</i>
Rogers Middle / High	<ul style="list-style-type: none"> ● Turf replacement-Rogers Stadium <i>complete</i> ● Fieldhouse soundsystem <i>complete</i> ● Visitors bleachers & restroom <i>complete</i> ●
Webster Middle / High	<ul style="list-style-type: none"> ● Turf replacement <i>summer '25</i> ● Fieldhouse sound system <i>complete '22</i> ● Stadium waterproofing/refresh <i>summer '25</i>



BTW

Rogers



In progress now...

Turf Replacements

- Central
- McLain



Track Resurfacing

- Central
- Edison
- McLain



2021 Citizen Bond Oversight Committee Members



Barney James
Becky Gligo*
Bill Richert*
Blanca Delgado
Carlos Bejarano
Casey Robinson
Dominic Walters
Eddie Evans
Erica Irvine
Dr. Erica
Townsend-Bell
Dr. Kristen Oertel*
Emily Hall (Hutton)
Greg Shaw*
James Stuart
Joanna Lein*
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Justine McIntosh
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Kim Hubler
LeeAnne Jimenez*
Lora Boyle*
Mandy Winton
Maria Barnes
Nancy Leonard*
Niki Grauberger*
Peggy Spillman
Phil Armstrong
Scott Merrill
Signee Bland
Steve Grantham*
Tina Kaminski
Vanessa Rodriguez*

*Also members of 2021 Bond Development Committee