

November 30, 2017

INNOVATION SUB-COMMITTEE REPORT

OUR GOAL/OBJECTIVE

- The Innovation Subcommittee seeks to recommend projects with an eye to increasing equity for all students across the school district amidst the rapidly changing realities of a 21st century workforce.



ALL PROJECTS WE CONSIDERED

- Technology Infrastructure
- Furniture
- Smart Labs
- Group/Collaborative Areas
- Charging Spaces
- Learning Walls
- Teacher Mobility
- Sustainability/Green Initiatives
- Building Control System



OUR PRIORITIES, IN RANKING ORDER

1. Technology Infrastructure
2. Building Control System
3. Furniture
4. Smart Labs
5. Charging Spaces
6. Learning Walls
7. Sustainability/Green Initiatives
8. ~~Teacher Mobility~~
9. ~~Group Collaborative Areas~~



OUR PRIORITIES

PROJECT	COST
Technology Infrastructure	\$31,890,227
Building Control System	\$10,295,810
Furniture	\$53,397,694 (likely much less)
TOTAL	\$95,583,731



PRIORITY #1: TECHNOLOGY INFRASTRUCTURE

- FIBER – complete Denton ISD-owned fiber ring from Natatorium to Providence
- CORE – move to Cisco core Nexus 7K, 9K, Data Center platform solution
- WIRELESS – replace Access Points at campuses prior to Bell, BHS, and RMS – last refresh done in 2013.
- PHONES – replace 3000+ phones that are 12 years old.
- REDUNDANT DATA CENTER (Braswell)
- CAMPUS NETWORK REPAIRS
- GENERATORS AND HVAC AT CORE SITES



PRIORITY #2: BUILDING CONTROL SYSTEM

- **BUILDING CONTROL SYSTEM** – allows the district to smartly control lighting, HVAC systems, temperature control, etc.
- Current system is no longer being serviced and requires an upgrade to avoid costly ongoing maintenance and replacement costs



PRIORITY #3: FURNITURE

- REPLACE FURNITURE WITH FLEXIBLE FURNITURE
- A 30-40 year product
- Focus on older schools first as way to prioritize spending in this bond package

Year Constructed	School Name
1924	Calhoun MS
1948	Fred Moore HS
1950	Davis School
1957	Denton HS
1960	N. Rayzor
1965	Wilson
1968	Strickland MS
1968	Ginnings
1970	Borman

Year Constructed	School Name
1982	Houston
1985	Evers Park
1987	Hodge
1987	McNair
1991	Ryan HS
1994	Rivera
1998	McMath



PRIORITY #7: SUSTAINABILITY/GREEN INITIATIVES

- Focused much on solar - Didn't rank high, mostly due to circumstances that could impact cost benefits
- Recommend the district develop a policy that aims at equipping 50% of all new construction roof space with solar
- Recommend an aggressive approach with existing electricity providers and other state/national incentive programs to find innovative partnerships



QUESTIONS?



Citizens' Advisory Committee