

**SCHOOL DISTRICT OF MANAWA
BUILDINGS & GROUNDS COMMITTEE MEETING
AGENDA**

Join with Google Meet

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Join by phone

(US) +1 260-226-8768 PIN: 819 697 502#

Date: January 25, 2022

Time: 4:00 p.m.

Hybrid Meeting Format (In-person Meeting for Board of Education at MES Board Room, 800 Beech Street & Virtual Components)

Board Committee Members: R. Johnson (C), Griffin, Hollman

In Attendance:

Timer: _____ **Recorder:** _____

1. Update on Rubberized Track Manawa (Information / Action)
 - a. Athletic Booster Club Fundraising Effort
 - b. Scheduling
 - c. Other
2. Review Safety Information (Information / Action)
 - a. MacNeil Environmental Inspection Report
 - b. Safety Committee Recommendations
 - c. Other
3. Manawa Elementary School Lighting Upgrade Phase 2 (Information / Action)
4. Brainstorm and Prioritize 2022-23 Fiscal Year Projects as Presented (Information / Action)
5. Major Repair Updates (Information)
6. Discuss Options for Filling Custodial Position (Information)
 - a. Review Rate of Pay - Finance Committee
 - b. Buyer's Guide (free online), Shopper's Guide, and Classified Ad (\$30 a week)
 - c. Wisconsin Job Center
 - d. Temporary Use of a Cleaning Service
 - e. Indeed Free Service (Could Choose Paid Subscription)
 - f. District Website
 - g. WECAN
 - h. Other
7. Consider TruGreen 2022 Season Proposal (Information / Action)
8. Continue Review of Key Performance Indicators (Information / Action)

9. Buildings & Grounds Committee Planning Guide (Information)

10. Set Next Meeting Date: _____

11. Next Meeting Items:

- a. Lawn Care Weed & Feed Request for Proposal
- b. Schedule reseeding of new green spaces
- c. School Forest New Management Plan
- d. Long-term Maintenance Plan - Pfefferle as Presented [Operation Efficiencies]
(Information / Action)
- e. Custodial/Maintenance Plan - Pfefferle as Presented (Information / Action)
- f. Other

12. Adjourn

MACNEIL ENVIRONMENTAL, INC.

ENVIRONMENTAL/OCCUPATIONAL HEALTH & SAFETY MANAGEMENT PROGRAM

SUMMARY ACTIVITY REPORT

CLIENT:	Manawa School District
DATE:	November 17th, 2021
CONDUCTED BY:	Kelly Marinoff, Account Manager
CONTACT:	Melanie Oppor
TELEPHONE:	920-596-5310

Account Manager Visit 30.2-A Executive Summary

Today's Visit

During today's visit, MEI covered the programs identified below. These regulatory standards are identified in MEI's contract proposal and are comprised of state and federal rules and regulations. For questions regarding your local fire code, MEI refers you to your local fire inspector. The statute codes are identified in each section header below.

On-Going Health and Safety Programs

- ❖ **Mock-OSHA Inspection (NFPA Chapter 1, sections 10-14,20) (SPA 332, 378,314)**
- ❖ **Walking-Working Surfaces (29 CFR 1926. & 29 CFR 1910)**

NEXT VISIT:

WILL E-MAIL TO SCHEDULE

Kelly Marinoff, Account Manager
MacNeil Environmental, Inc.
Email: kmarinoff@mac-env.com
Cell: 715-928-0163

Environmental/Occupational Health & Safety Management Program
2021-2022 Mock-OSHA Inspection

CLIENT:	Manawa School District
DATE:	November 17th, 2021
CONDUCTED BY:	Kelly Marinoff, Account Manager
CONTACT:	Melanie Oppor
TELEPHONE:	920-596-5310

Objective:

Conduct an audit of the client's facilities to identify hazards in the workplace.

As per information provided by a Wisconsin Department of Safety and Professional Services Fire Prevention Coordinator, **MEI reminds the District of the following:**

- No artwork is allowed to hang from ceilings.
- Artwork and teaching materials shall not exceed 20 percent of the wall area in a corridor and 50 percent of the wall area in a classroom.
- Storage and other obstructions must be at least 18/24-inch clearance from the ceilings.
- Maintain at least a 36" clearance around all electrical service equipment.
- Electrical Panels accessible to anyone other than qualified persons must be locked.
- Draperies, curtains, decorative banners, etc. must be flame-resistant.
- The Wisconsin Department of Safety and Professional Services discourage teachers bringing in household furniture items for being used in a classroom.
- Assess all ladders and assure that they have proper safety shoes to prevent them from sliding and slipping.
- Coffee pots, refrigerators, microwave ovens, etc. are not permitted in general classroom areas.
- Candles and wax warmers are never allowed in the school building.
- Indoor environmental quality shall be always maintained: Air fresheners, excessive amount of plants and water damage.
- Extension cords can never be used for permanent wiring.
- Power strips cannot be plugged into extension cords, two-wire household-rated extension cords are not permitted in school buildings.
- Housekeeping: All places of employment, passageways, storerooms, and service rooms shall be kept clean & orderly & in a sanitary condition.

Below are Today's Observations

Building: Elementary School

MEI assumes that the fire extinguishers are not being inspected monthly. Fire extinguishers are required to be inspected on a monthly basis and signed on the reverse side of each tag.

29 CFR 1910.157(e)(1):

Fire extinguishers shall be visually inspected monthly.

MEI observed that a few of the classrooms do not have the allowed 18/24-inch clearance from the ceilings. Example: Room #'s 107, 110, 111

NFPA 10.19.3.1

Storage shall be maintained 2 feet or more from the ceiling in non-sprinklered areas of buildings

NFPA 10.19.3.2.1

The clearance between the sprinkler deflector and the top of storage shall be 18 inches or greater

The Wisconsin Department of Safety and Professional Services discourage teachers bringing in **household furniture** items from being used in a classroom. This includes bean bag chairs, blankets, pillows, and most rugs (shag). This is due to the uncertainty regarding flammability, the possibility to **induce allergic reactions**, and create a pest infestation. The Department recommends that the District purchase all furniture items for classroom use, if it so chooses.

Example: Room #'s 105, 109, 110

NFPA 20.2.3.4.3

Furnishings and decorations of an explosive or highly combustible character shall not be used. Examples include plastic cargo netting or Halloween spider webbing. Acceptance of donated used furniture should be discouraged in schools. Old furniture can be over-stuffed, highly flammable, and capable of producing harmful off-gassing and other health concerns.

Appliances are not allowed in schools. There is a Keurig in room #114. However, refrigerators and micro-waves can be used in science classrooms for the storage and use of learning materials ONLY.

Wisconsin Administrative Code

Space heaters are not allowed in schools. Microwaves, coffee pots, refrigerators, etc. are **not permitted in regular classrooms**. Three-pronged versions of microwaves, coffee pots, and refrigerators are allowed in teachers' lounges, kitchens, etc., as these areas are wired and designed to be capable of powering appliances like these. However, ungrounded fans (those with two-pronged plugs) are okay. The difference is that there is no heating element in fans, unlike the other items mentioned.

A few of the classrooms and hallways have over the allowed 20% (hallways) 50% (classrooms) of the walls covered with artwork and teaching materials. Example: Room #'s 106, 109, 114, 117, 118, 119.

IFC code 807.5.2.2 Artwork in corridors:

IFC code 807.5.2.3 Artwork in classrooms:

Artwork and teaching materials shall be permitted to be attached directly to the walls and shall not exceed 20 percent of the wall area in a corridor and 50 percent of the wall area in a classroom.

The 20/50 percent refers to the wall area of each wall space and not the aggregate wall area of a room or space

Bookshelves placed against a wall or built-in are part of the wall surface, however books placed on the shelves are not part of the 50 percent provision

There are suspended objects hanging from the ceilings. MEI would like to remind the district that these are serious fire hazards. Example: The entrance to 4K.

UFC code: 1103

Artwork can be attached only to the walls, not the ceiling

MEI has observed that several of the doors/door cavities and/or door windows are covered with artwork or learning materials. These are also serious fire hazards.

Example: Room #'s 102, 104, 105, 106, 107, 109, 115, 119.

NFPA Handbook

It is advantageous not only to limit the quantity of artwork displayed but also to avoid placing such materials near a room's exit access doors. Because the combustibility of the artwork cannot be effectively controlled, the quantity, in terms of the percentage of wall area covered, is regulated to avoid creating a continuous combustible surface that will spread flame across the room

Extension Cords are being used as permanent wiring and/or connected to each other (piggyback). Adapters are always prohibited. Example: LMC

NFPA 11.1.5

Extension cords shall not be used as a substitute for permanent wiring

MEI would like to remind the District that holiday lights are to be used for 60 days during the holidays; also they cannot be plugged into each other (daisy chained) and as always no extension cords. Example: Room #'s 111, 114, 117.

Wisconsin Administrative Code

Decorative holiday lights are permitted if they are only intended for use less than 60 days. However, if they are plugged in via an extension cord, if there is string plugged into a string plugged into a string (daisy chaining), or if they are hanging from metal drop ceiling supports, then they are out of compliance.

MEI would like to remind the district that basic housekeeping is important for safety issues that could arise, such as, slips, trips and falls. Room #109 (desk area), Art storage room

1910.22(a)(1)

Housekeeping: All places of employment, passageways, storerooms, and service rooms shall be kept clean & orderly & in a sanitary condition.

10.19.1 Storage of combustibles shall be orderly.

There are hazardous chemicals that are in secondary containers. These need to have the proper labeling on them. Example: Room #'s 115, 117.

1910.1200(f)(5)(i)(ii);(e)(1)

Labeling of secondary containers (spray bottles), shall have at least: The identity of the hazardous chemicals, and appropriate hazard warnings and the chemical manufacturer, along with other forms of warning, material safety data sheets, and employee information & training will be met.

There are air fresheners throughout the school. This can cause allergies and sickness. MEI recommends the discontinue use of them. Example: Room #'s 111, 115, 119

There are some ceiling tiles that have some water damage. This can cause mold which can cause allergies and sickness.

MEI observed that there are hazardous cleaning chemicals that are being stored on or under the sinks at the pre-k to 1st grade level, these need to be kept up high, locked up or removed from the classrooms. The Art room, in which all age children are in there.

***PLEASE NOTE: MEI does not enter all rooms during this inspection. This is meant to give the District a general idea of issues commonly cited by state and federal agencies during random inspections.

Below are Today's Observations

Building: Middle/High School

MEI was not able to identify regulatory standards that would comprise state and federal rules and regulations. MEI has no recommendations at this time.

My next visit will consist of a more detailed inspection in the Art, Science, FACE and Tech-Ed areas.

Environmental/Occupational Health & Safety Management Program
2021-2022 Walking-Working Surfaces Program Review

CLIENT:	Manawa School District
DATE:	November 17th, 2021
CONDUCTED BY:	Kelly Marinoff, Account Manager
CONTACT:	Melanie Oppor
TELEPHONE:	920-596-5310

Objective:

Provide the client consultation and management for Walking-Working Surfaces to meet the requirements outlined in 29 CFR 1926. & 29 CFR 1910.

Topics of Discussion:

- Review training for employees.
- Review written Ladder Safety & Fall Protection Plans and update as needed.
- Provide advisement standard procedures.
- Respond to regulatory agency correspondence as necessary.
- Provide updates on regulatory changes and / or new developments.

Findings / Recommendations:

OSHA requires that a Walking-Working Surfaces Program be completed for each affected position. These assessments must be updated whenever the hazards faced by the employees change.

MEI recommends that employees make a habit to evaluate and inspect Walking-Working surfaces on a routine basis. This also includes any and all equipment that is used in the District that may cause injury to employees (ladders, step stools, etc....)

All open areas need to be protected with covers or guardrails (sump pump pits, acid bins, etc....)

All permanent aisles need to be kept clear, clean, orderly, and sanitary.

All equipment that is used in the District that could cause injury needs to be stored properly (ladders, step stools, etc....)

Melanie Oppor is the competent person in the Manawa School District.

Training is available by the MEI online for the 2021-2022 School year.

Portable Ladders/Stepladder/Stepstools Inspection List:
(Tool for District)

___ Are portable ladders/stepladders/stepstools inspected regularly, and as necessary, to ensure they are in safe condition?

___ Are deficiencies corrected or repaired in a timely manner?

___ If wood (not recommended), is the portable ladder not coated with any material that may obscure structural defects?

___ If metal (highly recommended), is the portable ladder made of corrosion-resistant material or protected against corrosion?

___ If metal (highly recommended), are the rungs and steps of the portable ladder corrugated, knurled, dimpled, coated with skid-resistant material, or otherwise treated to minimize slipping?

___ Are the rungs, steps, and cleats of the portable ladder spaced at least 10 inches and not more than 14 inches apart?

___ Do the rungs, steps, and cleats of the portable ladder have a minimum clear width of 11.5 inches?

___ Is the stepladder equipped with a metal spreader or locking device that securely holds the front and back sections in an open position while the ladder is in use?

___ Are the steps on the stepstool spaced at least 8 inches or more than 12 inches apart?

___ Does the stepstool have a minimum clear width of 10.5 inches?

___ Is each employee who uses a portable ladder trained on how to properly use the ladder?

___ Is training conducted by a qualified person?



ENERGY EFFICIENCY PROPOSAL

PREPARED FOR

Manawa Elementary School

Manawa, WI | 06.23.2021

FAITH TECHNOLOGIES' CONTACTS:

Mike Herbst, Project Manager

920.225.6607

Mike.Herbst@faithtechnologies.com



EXECUTIVE SUMMARY

OBJECTIVE: UPGRADE EXISTING LIGHTING

QUOTE #062109

This proposal is formulated to improve light levels and reduce energy consumption at the Manawa Elementary School facility located in Manawa, WI.

WE ARE PROPOSING MULTIPLE UPGRADES INCLUDING THE FOLLOWING:

- RELIGHTING AREAS
 - Replacing existing linear fluorescent fixtures in classrooms with nLight Air enabled LED architectural kits with the following benefits:
 - Dimming control – fixtures manually dim with wall switch.
 - Occupancy control – fixtures dim, or turn off, when an area is vacant.
 - Daylight harvesting – fixtures dim when outdoor light provides sufficient light levels.
 - Zone control – fixtures can be grouped in zones to control areas independently in the same room.
 - Replacing existing linear fluorescents in classrooms where specified with color tuning fixtures that are able to be switched from a warm light to a cool light.
- RETROFIT OF EXISTING FIXTURES
 - Retrofit existing fluorescent fixtures in specified areas to high performance TLED lamps and high efficiency ballasts.
 - Retrofit existing prismatic fixtures in specified areas with custom fitted reflector.

THIS UPGRADE PROVIDES SEVERAL ADVANTAGES INCLUDING:

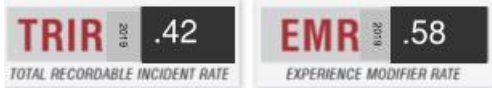
- REDUCING THE QUANTITY OF LAMPS TO STOCK FOR MAINTENANCE
 - T8 fluorescent lamps will no longer need to be stocked for the areas listed in this proposal.
 - This proposed solution reduces the need for over (1,850) 4' T8 lamps.
- LESS ENERGY CONSUMPTION
 - LED architectural kits use on average over 75% less energy than existing fluorescent systems.
 - TLED solutions use up to 60% less energy than existing fluorescent systems.
 - Fixtures utilizing custom reflectors use up to 50% less energy than those without.
- LONGER LAMP LIFE WITH LESS DEPRECIATION
 - LED architectural kits are calculated the maintain 70% of their output for over 100,000 hours.
 - Proposed TLED lamps are rated for 70,000 hours. Existing T8 lamps are rated for 20,000 hours.
 - TLED lamps are not adversely affected by cycling multiple times per day like fluorescents.
- BETTER QUALITY AND QUANTITY OF LIGHT
 - Improved visibility generates additional safety and security benefits.
 - LED lighting provides facilities with a more modern, cleaner look compared to antiquated fluorescent systems.



FAITH TECHNOLOGIES: VALUE ADDED PARTNER

FAITH TECHNOLOGIES OFFERS:

- An established company with over 40 years of electrical service.
- Strong emphasis on safety:



- Multiple locations throughout the state to provide prompt service.



ENERGY EFFICIENCY GROUP:

- 20 year history of proven energy saving projects with emphasis on lighting related efficiencies.
- Identify a custom solution that best fits the needs of the customer based on current technology, maintenance savings, ROI, etc.
- Capture and prepare any necessary documents for energy incentives.
- Assistance with manufacturer’s warranty claims.
- We provide low cost maintenance purchases when warranties have expired.

ENERGY SAVING DETAILS

TOTAL PROJECT SAVINGS SUMMARY

<u>Annual Usage & Savings (kWh)</u>		<u>Annual Costs & Savings</u>	
Existing System	116,792	Existing System	\$14,657
Proposed System	18,870	Proposed System	\$2,368
Energy Saved	97,922		
Total Energy Savings	84%	Total Annual Savings	\$12,289
		<i>**Assumes charges of 0.1255 per kWh</i>	
		ROI (return on investment)	16%
		Cost of Components & Installation	\$93,576
		-WFOE Prescriptive Incentive	\$1,336
		-WI Comprehensive Lighting Solution Incentive	\$17,650
		Net Cost	\$74,590
		Simple Payback (years)	6.07



TOTAL PROJECT – SCOPE DETAILS

Room Detail Area Description	Existing				Proposed				Savings	
	System	Qty	Watts	Annual Hrs	System	Qty	Watts	Annual Hrs	System (Kwh)	Annual (\$)
Shipping and Receiving	2 F32T8	6	61	1200	2 TLEDROT LW	6	30	1200	223.20	\$28.01
Kitchen	4 F32T8	10	120	2000	2x4 CPX 40L AO	10	28	2000	1,840.00	\$230.92
Kitchen Storage	2 F32T8	3	61	1200	2 TLEDROT LW	3	30	1200	111.60	\$14.01
Shipping and Receiving	2 F32T8	4	61	1200	2 TLEDROT LW	4	30	1200	148.80	\$18.67
Mechanical Upstairs	2 F32T8	4	61	1200	2 TLEDROT LW	4	30	1200	148.80	\$18.67
Mechanical Upstairs	4 F32T8	2	120	1200	4 TLEDROT LW	2	60	1200	144.00	\$18.07
Mechanical Upstairs Room #2	2 F32T8	4	61	1200	2 TLEDROT LW	4	30	1200	148.80	\$18.67
Classroom 113	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 113	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 114	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 114	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 115	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 115	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 117	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 117	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 118	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 118	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 119	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 119	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Mechanical Upstairs #2	2 F32T8	7	61	2000	2 TLEDROT LW	7	30	2000	434.00	\$54.47
Classroom 116	4 F32T8 DS	11	120	2000	2x4 BLTR 30L NLTA (move)	11	23.3	1700	2,127.40	\$276.64
Classroom 116	4 F32T8 DS	5	120	2000	ELIMINATE	5	0	2000	1,200.00	\$150.60
Classroom Storage	2 F32T8	1	61	1200	2 TLEDL LW	1	22	1200	46.80	\$5.87
Classroom (no#)	4 F32T8 DS	3	120	2000	2x4 BLTR 30L NLTA (move)	3	23.3	1700	580.20	\$75.45
Classroom (no#)	4 F32T8 DS	1	120	2000	ELIMINATE	1	0	2000	240.00	\$30.12
Storage Room	2 F32T8	1	61	1200	2 TLEDL LW	1	22	1200	46.80	\$5.87
Classroom 105	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 105	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 106	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 106	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36



Room Detail	Existing				Proposed				Savings	
Area Description	System	Qty	Watts	Annual Hrs	System	Qty	Watts	Annual Hrs	System (Kwh)	Annual (\$)
Classroom 107	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 107	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 109	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 109	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 110	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 110	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 111	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 111	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 108	4 F32T8 DS	11	120	2000	2x4 BLTR 30L NLTA (move)	11	23.3	1700	2,127.40	\$276.64
Classroom 108	4 F32T8 DS	5	120	2000	ELIMINATE	5	0	2000	1,200.00	\$150.60
Classroom Storage	2 F32T8	1	61	1200	2 TLEDL LW	1	22	1200	46.80	\$5.87
Classroom (no#)	4 F32T8 DS	3	120	2000	2x4 BLTR 30L NLTA (move)	3	23.3	1700	580.20	\$75.45
Classroom (no#)	4 F32T8 DS	1	120	2000	ELIMINATE	1	0	2000	240.00	\$30.12
Storage Room	2 F32T8	1	61	1200	2 TLEDL LW	1	22	1200	46.80	\$5.87
Library Office	4 F32T8 DS	4	120	2080	2x4 BLTR 30L NLTA	4	23.3	1768	804.54	\$104.62
Library Media Specialist	4 F32T8 DS	2	120	2000	2x4 BLTR 30L NLTA	2	23.3	1700	386.80	\$50.30
Library LMC Storage	2 F32T8	2	61	1200	2 TLEDL LW	2	22	1200	93.60	\$11.75
Library 120 Comp Lab	4 F32T8 DS	12	120	2000	2x4 BLTR 30L NLTA (move)	12	23.3	1700	2,320.80	\$301.79
Library 120 Comp Lab	4 F32T8 DS	4	120	2000	ELIMINATE	4	0	2000	960.00	\$120.48
Library AV Storage	2 F32T8	2	61	1200	2 TLEDL LW	2	22	1200	93.60	\$11.75
Library Display Cases	2 F32T8	2	61	1200	2 TLEDL LW	2	22	1200	93.60	\$11.75
104 Guidance	4 F32T8 DS	4	120	2080	2x4 BLTR 30L NLTA (move)	4	23.3	1768	804.54	\$104.62
104 Guidance	4 F32T8 DS	2	120	2080	ELIMINATE	2	0	2080	499.20	\$62.65
Guidance Office	4 F32T8 DS	4	120	2080	2x4 BLTR 30L NLTA	4	23.3	1768	804.54	\$104.62
Guidance Cool Down Room	4 F32T8 DS	1	120	1200	2x4 BLTR 30L NLTA	1	23.3	1020	116.04	\$15.09
Guidance Office	4 F32T8 DS	1	120	2080	2x4 BLTR 30L NLTA	1	23.3	1768	201.14	\$26.15
Guidance Conference Room	4 F32T8 DS	4	120	2080	2x4 BLTR 30L NLTA (move)	4	23.3	1768	804.54	\$104.62
Guidance Conference Room	4 F32T8 DS	2	120	2080	ELIMINATE	2	0	2080	499.20	\$62.65
Display Case	2 F32T8	4	61	1200	2 TLEDL LW	4	22	1200	187.20	\$23.49
District Office	4 F32T8 DS	6	120	2080	2x4 BLTR 30L NLTA	6	23.3	1768	1,206.82	\$156.93
District Hallway	2 F32T8	3	61	2080	2x4 BLTR 30L	3	23.3	2080	235.25	\$29.52
District Staff RR	2 F32T8	1	61	1200	1 TLEDL RK	1	13	1200	57.60	\$7.23



Room Detail	Existing				Proposed				Savings	
Area Description	System	Qty	Watts	Annual Hrs	System	Qty	Watts	Annual Hrs	System (Kwh)	Annual (\$)
District Conference Room	4 F32T8 DS	12	120	2080	2x4 BLTR 30L NLTA	12	23.3	1768	2,413.63	\$313.86
District Admin Office	4 F32T8 DS	4	120	2080	2x4 BLTR 30L NLTA	4	23.3	1768	804.54	\$104.62
District Financial Services	4 F32T8 DS	4	120	2080	2x4 BLTR 30L NLTA	4	23.3	1768	804.54	\$104.62
District Storage	4 F32T8	2	120	1200	2 TLEDL HL K	2	26	1200	225.60	\$28.31
District Storage	2 F32T8	1	61	1200	1 TLEDL RK	1	13	1200	57.60	\$7.23
District D.O. Clerk	4 F32T8 DS	4	120	2080	2x4 BLTR 30L NLTA	4	23.3	1768	804.54	\$104.62
Gymnasium Storage	2 F32T8	9	61	1200	2 TLEDL LW	9	22	1020	421.20	\$57.33
Gymnasium Storage	2 F32T8	6	61	1200	ELIMINATE	6	0	1200	439.20	\$55.12
Gymnasium Storage					WV-16	1				
Gymnasium Storage	2 F32T8	6	61	1200	2 TLEDROT LW	6	30	1200	223.20	\$28.01
Men's Locker Room	2 F32T8	11	61	1200	1X4 CPX 30L AO	11	28.2	1200	432.96	\$54.34
Men's Locker Room Showers	2 F32T8	3	61	1200	2 TLEDL LW	3	22	1200	140.40	\$17.62
Men's Locker Room Showers	26W CFL	1	31	1200	9W A19 MED	1	8.8	1200	26.64	\$3.34
Men's Locker Room Office	2 F32T8	1	61	1200	2x4 BLT 30L	1	23.3	1200	45.24	\$5.68
Women's Locker Room	2 F32T8	11	61	1200	1X4 CPX 30L AO	11	28.2	1200	432.96	\$54.34
Women's Locker Room Showers	2 F32T8	3	61	1200	2 TLEDL LW	3	22	1200	140.40	\$17.62
Women's Locker Room Showers	26W CFL	1	31	1200	9W A19 MED	1	8.8	1200	26.64	\$3.34
Women's Locker Room Office	2 F32T8	1	61	1200	2x4 BLT 30L	1	23.3	1200	45.24	\$5.68
Janitorial Closet	2 F32T8	2	61	1200	2 TLEDL LW	2	22	1200	93.60	\$11.75
Classroom 125 (Music)	4 F32T8 DS	12	120	2000	2x4 BLTR 30L NLTA (move)	12	23.3	1700	2,320.80	\$301.79
Classroom 125 (Music)	4 F32T8 DS	4	120	2000	ELIMINATE	4	0	2000	960.00	\$120.48
Classroom Office	4 F32T8 DS	2	120	2080	2x4 BLTR 30L NLTA (move)	2	23.3	1768	402.27	\$52.31
Classroom Office	4 F32T8 DS	2	120	2080	ELIMINATE	2	0	2080	499.20	\$62.65
Classroom Practice	3 F32T8	2	91	1200	2 TLEDL R	2	26	1200	156.00	\$19.58
Classroom Storage	3 F32T8	2	91	1200	2 TLEDL R	2	26	1200	156.00	\$19.58
Music Storage	2 F32T8	2	61	1200	2 TLEDL LW	2	22	1200	93.60	\$11.75
Performance Room 126	4 F32T8 DS	28	120	2000	2x4 BLTR 30L NLTA	28	23.3	1700	5,415.20	\$704.17
Performance Practice A	3 F32T8	1	91	1200	2x4 BLTR 30L	1	23.3	1200	81.24	\$10.20
Performance Practice B	3 F32T8	1	91	1200	2x4 BLTR 30L	1	23.3	1200	81.24	\$10.20



Room Detail	Existing				Proposed				Savings	
Area Description	System	Qty	Watts	Annual Hrs	System	Qty	Watts	Annual Hrs	System (Kwh)	Annual (\$)
Performance Practice C	3 F32T8	1	91	1200	2x4 BLTR 30L	1	23.3	1200	81.24	\$10.20
Performance Practice Office	4 F32T8 DS	4	120	2080	2x4 BLTR 30L	4	23.3	2080	804.54	\$100.97
Art Office	4 F32T8 DS	2	120	2080	2x4 BLTR 30L	2	23.3	2080	402.27	\$50.49
Art Storage	2 F32T8	2	61	1200	2 TLEDL LW	2	22	1200	93.60	\$11.75
Art Kiln Room	2 F32T8	2	61	1200	2 TLEDROT LW	2	30	1200	74.40	\$9.34
Kindergarten Classroom	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Kindergarten Classroom	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Kindergarten Classroom	TWIN 26W CFL CAN	1	62	2000	Cree LED 277v Can	1	7.5	2000	109.00	\$13.68
Kindergarten Classroom Special ED	4 F32T8 DS	6	120	2000	2X4 BLT 30L CC	6	23.3	1700	1,160.40	\$150.89
Kindergarten Classroom Special ED					PWR PAK NPS 80	1				
Kindergarten Classroom Special ED					NPODM CC SWITCH	1				
Kindergarten Classroom Special ED					WV-16	1				
Classroom 129	4 F32T8 DS	14	120	2000	2x4 BLTR 30L NLTA	14	23.3	1700	2,707.60	\$352.09
Classroom Storage	2 F32T8	2	61	1200	2 TLEDL LW	2	22	1200	93.60	\$11.75
Classroom Sensory	2 F32T8	1	61	2000	2X4 BLT 30L CC	1	23.3	2000	75.40	\$9.46
Classroom Sensory					PWR PAK NPS 80	1				
Classroom Sensory					NPODM CC SWITCH	1				
Classroom Storage	2 F32T8	1	61	1200	2 TLEDROT LW	1	30	1200	37.20	\$4.67
Custodial Room (Generator)	2 F32T8	3	61	1200	2 TLEDROT LW	3	30	1200	111.60	\$14.01
Home EC 124 (Sensory)	4 F32T8 DS	13	120	2000	2X4 BLT 30L CC	13	23.3	1700	2,514.20	\$326.94
Home EC 124 (Sensory)					WV-16	1				
Home EC 124 (Sensory)					PWR PAK NPS 80	1				
Home EC 124 (Sensory)					NPODM CC SWITCH	1				
Home EC Sink/Wash	4 F32T8	2	120	1200	2x4 BLTR 30L	2	23.3	1200	232.08	\$29.13
Home EC Storage	4 F32T8 DS	4	120	1200	2X4 BLT 30L CC	4	23.3	1200	464.16	\$58.25
Home EC Storage					PWR PAK NPS 80	1				
Home EC Storage					NPODM CC SWITCH	1				
Home EC Storage	2 F32T8	2	61	1200	2 TLEDL LW	2	22	1200	93.60	\$11.75
Classroom 122	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 122	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36

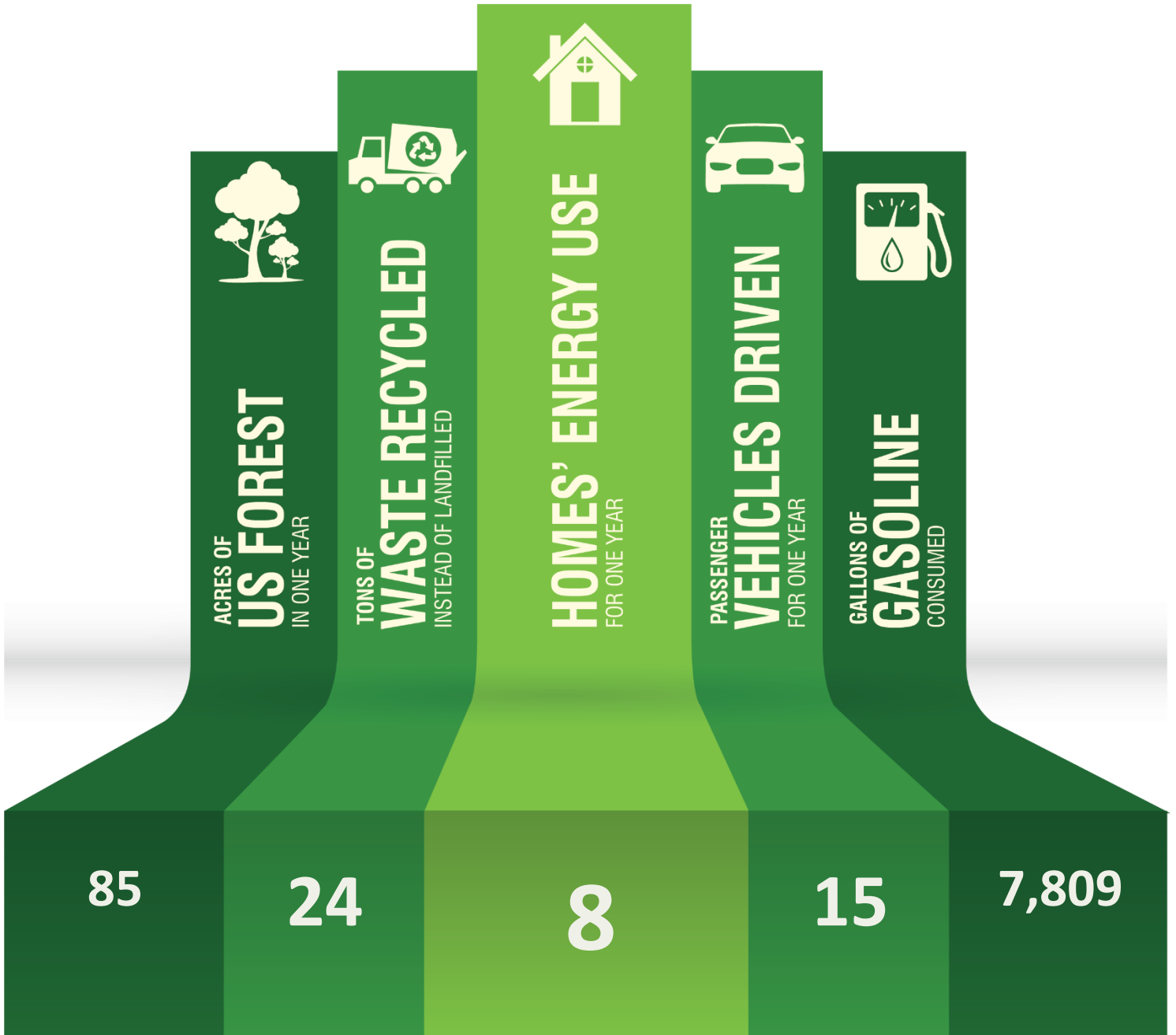


Room Detail	Existing				Proposed				Savings	
Area Description	System	Qty	Watts	Annual Hrs	System	Qty	Watts	Annual Hrs	System (Kwh)	Annual (\$)
Classroom 123	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 123	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom 121	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 121	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Kitchen/Breakroom	4 F32T8 DS	6	120	2000	2x4 BLTR 30L NLTA	6	23.3	1700	1,160.40	\$150.89
Kitchen/Breakroom Vending	4 F32T8 DS	4	120	2000	2x4 BLTR 30L	4	23.3	2000	773.60	\$97.09
Classroom 102	4 F32T8 DS	9	120	2000	2x4 BLTR 30L NLTA (move)	9	23.3	1700	1,740.60	\$226.34
Classroom 102	4 F32T8 DS	3	120	2000	ELIMINATE	3	0	2000	720.00	\$90.36
Classroom Storage	3 F32T8	2	91	1200	2 TLEDL R	2	26	1200	156.00	\$19.58
Classroom Office	4 F32T8 DS	2	120	2080	2x4 BLTR 30L NLTA	2	23.3	1768	402.27	\$52.31
Classroom Storage	2 F32T8	1	61	1200	2 TLEDL LW	1	22	1200	46.80	\$5.87
Classroom 103A (Sensory)	4 F32T8 DS	12	120	2000	2X4 BLT 30L CC	12	23.3	1700	2,320.80	\$301.79
Classroom 103A (Sensory)					WV-16	1				
Classroom 103A (Sensory)					PWR PAK NPS 80	1				
Classroom 103A (Sensory)					NPODM CC SWITCH	1				
Custodial Storage	2 F32T8	2	61	1200	1 TLEDL RK	2	13	1200	115.20	\$14.46
Kindergarten RR	2 F32T8	1	61	1200	1 TLEDL RK	1	13	1200	57.60	\$7.23
nLight Areas (as specified)					NLIGHT LINE SWITCH	14				
nLight Areas (as specified)					NLIGHT LINE SWITCH 2P	27				
nLight Areas (as specified)					PROGRAMMING	41				

COST OF TOTAL PROJECT LIGHTING SYSTEM & INSTALLATION \$93,576.00

GREENHOUSE GAS EQUIVALENCIES

ENVIRONMENTAL IMPACT BASED ON 97,922 KILOWATT HOURS OF ELECTRICITY:



DERIVED FROM EPA CLEAN ENERGY CALCULATOR



TERMS & CONDITIONS

This proposal includes the following items:

- Removal and disposal of existing lamps, ballasts, and fixtures.
- Material, labor, and equipment needed to complete the installation.

This proposal does not include:

- Premium time (overtime).
- Bringing any existing conditions up to NEC standards.
- Sales tax, if applicable.
- Permit (if required).

Terms and Conditions of this proposal are as follows:

- Pricing is valid for 60 days.
- Payment terms are Net 25 days.
- This quote is based on current commodity material pricing and availability.
 - *The current lighting market is experiencing considerable volatility at this time. For that reason, Faith Technologies will require a validation of any price proposal immediately prior to entering into a contract. Upon notification of an interest to contract, Faith will verify price proposal in a timely fashion with the current market and notify customer of any changes, at which time conditions to move forward can be discussed.*
- Approximate incentive amount through Wisconsin Focus of Energy is valid until December 31, 2021.
- Faith Technologies will receive the EPAAct for this project.

MATERIAL WARRANTY INFORMATION

- TLED lamp warranty is 5 years *(by manufacturer)*.
- Ballast warranty is 5 years *(by manufacturer)*.
- LED screw-in lamp warranty is 3 years *(by manufacturer)*.
- LED can fixture warranty is 5 years *(by manufacturer)*.
- LED fixture warranty is 10 years *(by manufacturer)*.

This document contains proprietary information and is generated by Faith Technologies, Inc. of Menasha, WI strictly for the use of the recipient. Contents may not be copied or used for any purpose other than for the evaluation by the recipient. Any other use than described above is prohibited unless authorized in writing by Faith Technologies, Inc. By submission of this bid, Faith Technologies, Inc. reserves its right to review the Prime contract related to the project and negotiate mutually agreeable revisions to the Contract.



June 23rd, 2021
 Manawa Elementary School
 800 Beech Street
 Manawa, WI 54949

RE: Manawa Elementary School – Quote #062109

Faith Technologies, Inc. is pleased to quote the following price breakdowns to furnish materials and labor necessary to install energy efficient measures in the Manawa Elementary School facility located in Manawa, WI as outlined in the attached quote.

	Contract Amount with Customer Received Incentive	Customer Initials
<i>Total Project</i>	\$93,576.00	
<i>Other Work (Please Specify)</i>		

We propose to hereby furnish material and labor – complete in accordance with the above specifications for the sum of:

(Total Project Amount)

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature of Acceptance _____ Date _____

Please print name: _____ Title _____

SCHOOL DISTRICT OF MANAWA KEY PERFORMANCE INDICATORS

<i>Key Performance Indicators</i>	<i>Notes</i>
<p>I. Learning</p> <p>A. Students will be proficient or better on internal predictive tests. (See bar graph slides.)</p> <ol style="list-style-type: none"> 1. Early Math (gr. 4K-K) & Literacy Screeners (gr. 4K-1) 2. STAR Reading & Math (gr. 1-8) 3. Aspire Periodic/PreACT/Mosaic (gr. 9-10) <p>B. 90% of K-12 students engaged in doing service projects annually.</p> <ol style="list-style-type: none"> 1. 2019-20 MES 100% of students (Pre-COVID-19 data) 2. 2019-20 MMS baseline not established at that time 3. 2020-2021 MMS 100% participation 4. 2019-20 LWHS 69% of students participated in some form of volunteerism 5. 2020-2021 LWHS 86% of students participated in some form of volunteerism <p>C. ISTE Standards will be 100% implemented by the end of the 2023-24 school year.</p> <p>D. Assess effectiveness of new secondary social studies resources using student proficiency of the course standards.</p> <p>E. 25% of students received post-secondary credits or certification(s) by the conclusion of the 2023-24 school year; 35% in 5 years.</p> <ol style="list-style-type: none"> 1. 2019-20 LWHS 19% of students received post-secondary credits or certifications 	<p><i>Internal predictive tests-universal screeners as defined by building/grade that predict how students will do on mandated assessments. (STAR, Fountas and Pinnell Running Records, Lucy Calkins)</i></p> <p><i>Proficiency for each predictive test is based on the state proficiency level except early literacy and math that are locally created.</i></p> <p><i>Volunteerism will be based on school sponsored or school-based groups/organizations who provide a service to the community.</i></p> <p><i>ISTE stands for the International Society for Technology and Education and is a global institution on research-based best practices in technology education and innovation.</i></p> <p><i>There are 6 AP classes; 1 CAAP class; and 3 articulated with Fox Valley Technical College.</i></p>

SCHOOL DISTRICT OF MANAWA KEY PERFORMANCE INDICATORS

<p>II. Operation Efficiencies</p> <ul style="list-style-type: none"> A. Maintain an annual balanced budget. B. Levy to the allowable authority. C. Workers Compensation Experience Rate (a.k.a. MOD rate) will be kept under 1.0 <ul style="list-style-type: none"> 1. 2020 rate is 1.04 2. Cannot go lower than 0.70 statistically D. Bond Rating - A+ (2019) E. Update and implement 20-year Facilities Plan. F. Update and implement a 5-year Technology Plan. 	<p><i>To levy a tax means to collect a tax by legal authority</i></p> <p><i>MOD rate is a premium multiplier that measures the difference in the past workers compensation claims to the expected claims. This either increases or decreases the workers compensation insurance premium.</i></p> <p><i>A bond rating is a credit score obtained when borrowing. The District used Standard & Poor's (AAA-D) for our last referendum debt. This bond rating was established based on a stable local economy, a strong available fund balance, a moderate overall debt burden, and good district management practices. This is offset by declining enrollment.</i></p>
<p>III. Safe & Orderly Environment</p> <ul style="list-style-type: none"> A. 95% of students have no major offense. <ul style="list-style-type: none"> 1. High School (2020-2021): 86.4% of high school students didn't have a major offence 2. Middle School (2020-2021): 87.1% of middle school students didn't have a major 3. Elementary (2020-2021): 72% didn't have a major offense B. Maintain an annually approved School Safety Plan. C. No Out-of-School Suspensions/Expulsions <ul style="list-style-type: none"> 1. Elementary = 0 in 20-21 2. Secondary = 0 expulsions in 20-21 and 7 High School suspension and 7 Middle School suspensions D. 100% compliance with drills (evacuation, lockdown, lock out, shelter in place, etc.). 	<p><i>Major Offense - Behavior that rises to the level of administrative referral and/or police intervention.</i></p>

SCHOOL DISTRICT OF MANAWA KEY PERFORMANCE INDICATORS

IV. Engagement & Satisfaction

- A. Staff retention rate at 92% or higher.
 - 1. 2019-20 Retention Rate: 96.3%
 - 2. 2020-21 Retention Rate: 84.1%
 - a) 2020-21 resignation due to retirement:
5/85 = 5.9%
 - b) 2020-21 resignation (not retirement):
9/85 = 9.6%
- B. Less than 5% of K-12 students are chronically absent per WISEdash state expectations by the conclusion of the 2023-24 school year.
 - 1. 2020-21 MES 3.4% of students chronically absent
 - 2. 2020-21 MMS 6.5% of students chronically absent
 - 3. 2020-21 LWHS 6.9% of students chronically absent
- C. Secondary student engagement based on participation in co-curriculars (unduplicated count)
 - 1. MS: 63% of students engaged in at least one or more offering
 - 2. HS: 74% of students engaged in at least one or more offering
- D. Decrease open enrollment out/Increase open enrollment in.
 - 1. Establish Baseline
- E. Establish New Staff Survey - School Perceptions
- F. Establish Parent Survey - School Perceptions
- G. Establish Student Survey - School Perceptions

Retention Rate: the number of employees that left during the school year divided by the number of employees total at the end of the school year

Exit Survey: Currently only BOE members receive this data, it is suggested that the BOE creates a summary of recommendations to be shared with the administrative team.

Definition of Chronically Absent: Students are considered to be chronically absent if they miss 16% of school days per the DPI.

Open enrollment percent is based on all available possible resident students in the district (includes: St. Paul, all parochial/private school, homeschool, open enrollment out, current SDM enrollment but exclude Amish)

2020-21 Data - Co-Curriculars:

MS Offerings:

- 5 Academic Offerings*
- 9 Athletic/Club Offerings*
- 2 Musical Offerings*

HS Offerings:

- 13 Academic Offerings*
- 13 Athletic/Club Offerings*
- 5 Musical Offerings*