5 Year Plan-Buildings, Grounds, Equipment, & Technology

October 2022

Following is a list of items that the Lisbon School Department deems necessary for Capital Improvements for the next 5 years. "Capital Improvements" shall mean any construction project exceeding \$10,000, and any equipment purchase to be bonded or to be budgeted for more than one fiscal year.

Annual Budget Capital Improvements

2022-2027

Capital Reserve Fund

In November 2011, the School Committee created a Capital Reserve Fund with an initial deposit of \$39,676.00. Since then, the school committee has used that money for maintenance and minor remodeling with additional annual transfers from unanticipated revenue and the undesignated fund balance.

This fund is to be used for maintenance of plant and minor remodeling. It cannot be used for additions or new construction. As of July, 2022, the balance was \$27,441.00

Central Office/Gartley Street School:

Known Priorities

- o Continue to maintain existing facilities and make repairs as needed;
- o Repaying around the building;
- o Continue to upgrade the kitchen to make it more self-sufficient; and
- o Monitoring the roof for leaks are areas that will be part of the five year plan.

- ✓ An analysis of alternative locations for the Central Office staff was conducted during the 2009-2010 school year. All indications support that the current location is the most cost effective option that we currently have.
- \checkmark The asbestos was removed and the boiler was repaired in 2009.
- ✓ The Adult Education department moved to the Central Office location in June 2010.
- ✓ Security doors were installed in 2010.
- ✓ The Gartley Street Alternative Education Program was started at the Central Office during the 2010-2011 school year.

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- \checkmark The front siding was installed during the summer of 2013.
- ✓ A new boiler was installed in December of 2013
- ✓ Unitil installed the natural gas lines at no cost to the school department, summer 2014
- ✓ Through an approved referendum vote in November, 2014, capital improvements were made as a result of a Guaranteed Performance Contract with Siemens, fall 2015.
- ✓ During the summer of 2016, the back side of the building was resided, new ceiling tiles and lighting installed in the hallways, paint throughout, new classrooms, bathrooms, showers, fire alarm system (pull stations), and the kitchen was reopened for service for the new Gartley Street School which opened on August 31, 2016.
- ✓ In the fall of 2016, the kitchen was renovated to provide a satellite lunch program for students and staff at G.S.S.
- ✓ Through an approved referendum vote in November, 2017, capital improvements were made as a result of a Phase II Performance Contract with Siemens, fall 2018.
- ✓ Installed hot water tank to support kitchen usage (Phase II Plan), summer of 2018.
- ✓ Replaced exterior doors and windows (Phase II Plan), summer of 2018.
- ✓ Replaced univents, pneumatic controls and added a CO2 monitor for Gym (Phase II Plan), summer of 2018.
- ✓ Installed new playground for G.S.S., November 2018.
- ✓ Upgraded one "Safe Room" in February 2019.
- ✓ Upgraded safe room walls and floors, October 2019.
- ✓ Upgraded the large swing sets for older children, October 2019.
- ✓ Repaired teacher's parking lot, October 2019.
- ✓ Leasing two storage units for PPE and other equipment, July 2020.
- ✓ Installed 02 prime air cleansing system in all univents, September 2020.
- ✓ Installed outside pavilion for learning and lunch, September 2020.

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- ✓ Installed thermal cameras at both entrances of the building, September 2020.
- ✓ Purchased the previous leased storage units for PPE and other equipment, December 2020.
- ✓ Replaced all remaining univents in the building, July 2021.
- ✓ Removed the last pneumatic controls and switched over to a forced hot air system, July 2021.
- ✓ Replaced all remaining fluorescent lights with LED lights, August 2021.
- ✓ Upgraded the camera system, October 2021.

Lisbon Community School:

Known Priorities

- Replace window blinds that are 18 years old;
- Repaint classrooms;
- o Repair or replace roof that is 18 years old with issues starting to develop;
- o Continue to maintain existing facilities and make repairs as needed;
- o Upgrade and maintain the playgrounds;
- o Continue to replace classroom carpets with tile; and,
- O Monitoring the roof shingles as a result of the significant wear they were showing since 2012 from inadequate ventilation are areas that will be part of the five year plan.

- ✓ A preliminary energy audit was completed during the 2009-2010 school year and it was determined that there would be energy savings through the re-engineering of piping for the domestic hot water boiler pumps. This work was completed during the summer of 2011.
- ✓ The L.C.S. roof was repaired in the fall of 2012 (Ridge Vent & Exhaust).
- ✓ The water softener equipment was installed during the fall of 2012. It is working well. The water has gone from 11 grams of hardness to 5 grams. We are working towards 0-1 grams.
- ✓ The main office was rearranged to make that space more efficient during the summer of 2014.

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- ✓ Smart boards were installed in the majority of the classrooms to improve instruction during the summer of 2014.
- ✓ Broken playground equipment was replaced in the summer of 2014.
- ✓ The traffic flow where students are dropped off by parents was changed to make it safer for students and staff in the summer of 2014.
- ✓ Every 10 years the stage curtains need to be treated with flame retardant. This was completed in the summer of 2014. The curtains are protected until 2024.
- ✓ Through an approved referendum vote in November, 2014, capital improvements were made as a result of a Guaranteed Performance Contract with Siemens, fall 2015.
- ✓ During the 2015-2016 school year, carpet was replaced with tile in two classrooms. The mixing valves in the Kindergarten Wing were replaced due to previous water hardness.
- ✓ In the fall of 2017, The Lisbon School Committee utilized Capital Reserve Funds to upgrade and install additional security cameras and recording equipment to monitor the Lisbon Community School.
- ✓ During 2017 2018, the security camera system at LCS (36) was updated/replaced.
- ✓ Replaced carpet in two rooms with tiles, February of 2019
- ✓ Replaced kiln, March of 2019
- ✓ Upgraded phone system, March of 2019
- ✓ Installed a safety door and carpeted walls in the safe room/time out room, summer 2019
- ✓ Rebuilt water filtration system, October 2019
- ✓ Leasing a storage unit for PPE and other equipment, July 2020.
- ✓ Installed 02 prime air cleansing system in all univents, September 2020.
- ✓ Installed outside pavilions for learning and lunch, September 2020.
- ✓ Installed thermal cameras, September 2020.
- ✓ Purchased the previous leased storage units for PPE and other equipment, December 2020.
- ✓ Replaced carpet in the 100 wing with tile, July 2021.

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- ✓ Installed LED lights throughout the school, October 2021.
- ✓ Replaced the fencing around the Kindergarten playground, October 2021.
- ✓ Installed a Pre K playground including fencing in a safe spot in the woods, September 2022.
- ✓ Replaced boiler, spring of 2022.
- ✓ Replaced carpets with tile in the Pre K and K wing, summer of 2022.
- ✓ Replaced the heat pump in the technology room, summer of 2022.

Philip W. Sugg Middle School:

Known Priorities

- o Continue to maintain existing facilities and make repairs as needed;
- o Continue to replace lunch tables; and
- o Renovate locker rooms; are areas that will be part of the five year plan.

- ✓ The boiler was replaced during the summer of 2011 with two natural gas powered boilers and a domestic hot water heater powered by the new boilers.
- ✓ Vinyl siding around the top of the building was installed in 2011. Vinyl siding around the top of the gym was completed in 2012.
- ✓ Two windows were installed in the Music room during the summer of 2012.
- ✓ The storage trailer was removed during summer 2013.
- \checkmark The trees were cut to improve ventilation in the 7th grade wing during 2013.
- ✓ The ceiling tiles were replaced in all the hallways and some of the office spaces during the summer of 2014.
- ✓ The area in back of the 6th grade wing was loamed and seeded during the summer of 2014.
- \checkmark One of the drains on the gym roof was replaced during the summer of 2014.

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- ✓ A new phone/internal communications system was installed through the use of E-Rate funding during the summer of 2014.
- ✓ Through an approved referendum vote in November, 2014, capital improvements were made as a result of a Guaranteed Performance Contract with Siemens, fall 2015.
- \checkmark During the summer of 2016, a life skills room was built in the 8th grade wing.
- ✓ Replaced all water fountains in November 2016.
- ✓ During 2016 2017, the security camera system at PWS (28) was updated/replaced.
- ✓ Replaced three lunch tables in February of 2018.
- ✓ Installed new energy efficient lighting throughout the school (Phase II Plan), summer of 2018.
- ✓ Installed drop down electrical cords to support student learning, summer of 2019.
- ✓ Replaced ceiling tiles in the gym, summer of 2019.
- ✓ Repaired faucets in girl's locker room, summer of 2019.
- ✓ Installed outside pavilions for learning and lunch, September 2020.
- ✓ Installed thermal camera, September 2020.
- ✓ Removed entryway carpet and installed tile, September 2020.
- ✓ All student restrooms were renovated, September 2020.
- ✓ Installed 02 prime air cleansing system in all univents, December 2020.
- ✓ New univents and windows installed, December 2020.
- ✓ Replaced all windows and doors, August 2021.
- ✓ Replaced the roof, August 2021.
- ✓ Repayed the entrance and parking lot, August 2022.

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Lisbon High School:

Known Priorities

o Look at removing the large oak trees at main entrance; and,

- ✓ The Lisbon School Department has completed Phase I of the approved renovations at LHS in 2009-2010. Phase I included new windows and siding for the north wing along with a new front entrance, the moving of the main office, and a new gym roof.
- \checkmark The boiler was converted over to natural gas during the summer of 2011.
- ✓ Phase II, Part I was completed during the summer of 2012 which included the replacement of the domestic hot water system.
- ✓ A handicap accessible lift was installed in the fall 2012 to address the issues identified in the 2005 NEASC report.
- ✓ To be prepared for the conversion from steam to hot water, phase II part II, was completed. This included installing pump and pipes out into the 100 and 200 wing.
- ✓ In preparing for the new gym the 10,000 gallon oil tank that is no longer in use was emptied and crushed in place during the summer of 2014.
- ✓ Public Works replaced the sidewalk by the cafeteria that was damaged in the summer of 2014.
- \checkmark The fire panel in the boiler room was replaced in the summer of 2014.
- \checkmark The stage curtains were replaced in the fall 2014.
- ✓ A new phone/internal communications system was installed through the use of E-Rate funding during the summer of 2014.
- ✓ Construction of a new gymnasium was approved through referendum in June, 2015.
- ✓ The gym was finished and opened to the students in October, 2015. The Opening Ceremony was held on Sunday, November 1, 2015.
- ✓ Through an approved referendum vote in November, 2014, capital improvements were made as a result of a Guaranteed Performance Contract with Siemens, fall 2015.

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- ✓ Replaced water fountains in the 100, 200, and 300 wings in April 2017.
- ✓ During 2017-2018, the security camera system at LHS (25) was updated/replaced.
- ✓ Replaced univents, pneumatic controls, roof exhaust fan and boiler (Phase II Plan), summer of 2018.
- ✓ Installed gas service into the kitchen and replaced all equipment, summer of 2018.
- ✓ Hired Scott Simons Architects to perform a Feasibility Study to convert the "old" gymnasium into a Community Performing Arts Center.
- ✓ Installed a generator to utilize the new gymnasium as an emergency shelter, summer of 2019.
- ✓ Refurbished the 100 wing bathrooms, summer of 2019.
- ✓ Refinished the new gym floor, to be completed annually, October 2019.
- ✓ Painted the performing arts center floor and installed piping and drapes, October 2019.
- ✓ Installed outside pavilions for learning and lunch, September 2020.
- ✓ Installed thermal camera, September 2020.
- ✓ Installed 02 prime air cleansing system in all univents, November 2020.
- ✓ Replaced windows in 300 wing, December 30, 2020.
- ✓ Replaced all exterior doors, May 2021.
- ✓ Replaced interior lights, October 2021.
- ✓ Re-rubberized the roof, summer of 2022.
- ✓ Repayed the entrance and loop around the building, August 2022.

Grounds (Practice/Playing Field):

The Lisbon School Department continues to invest time and money into their existing facilities. Our main goal is to improve and expand on playable areas. This will reduce the demand on any one field. This will also provide more opportunities to conduct multiple practices and games at the same time without causing interruptions to any other scheduled event.

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Known Priorities

- Installation of security cameras and recording equipment to monitor practice/playing areas;
- o Create access to the Lisbon Trail System;
- o Repair structures and improve drainage/erosion issues at the baseball field;
- o Resurface Football practice field;
- o Build an additional storage facility for track and related equipment.

- ✓ The Lisbon School Department increased the budgeted amount for facilities to its original amount of \$30,000 for the 2010-2011 school year. In 2015-2016, this amount was reduced to \$21,000 as a result of \$600,000 in mandated cuts by the Town Council. In 2017-2018, the Lisbon School Committee increased the amount back to \$30,000.
- ✓ The softball field infield was redone in the summer of 2016. Proper materials and drainage were installed and the field was turned eight degrees.
- ✓ Replaced scoreboards, with the exception of the football scoreboard, summer of 2018.
- ✓ Removed the hockey rink and created a practice field for youth sports, summer of 2018.
- ✓ Rebuilt the football surface field, summer of 2019.
- ✓ Rebuilt the soccer surface field, fall of 2019.
- ✓ Installed access gate to maintenance/grounds garage, October 2019.
- ✓ Field Lights/Towers were installed, July 2020.
- ✓ Rebuilt softball dugouts, July 2021.
- ✓ Replaced and relocated the football scoreboard, summer of 2022.
- ✓ Removed and replaced fencing along the maintenance garage, summer of 2022.
- ✓ Field lights installed, summer of 2022.

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Track:

Known Priorities

o The development of a Lifecycle/Preventative Maintenance Funding Plan to repair and ultimately refinish and paint the track will be part of the five year plan.

Work Completed

- ✓ The track was completed and opened to the public on Saturday October 18th, 2014.
- ✓ The track was relined in July, 2021.
- ✓ Worked with Public Works to properly drain the access road to the track, 2022.

Football:

Work on the development of a new practice field adjacent to the existing field was completed in the fall 2014. This project will take pressure off the main field by allowing the L.H.S. teams to practice and other teams to play their games on the practice field.

Known Priorities

o Install lighting for the football parking lot and access lights will be part of the five year plan.

- ✓ Improvements in the drainage next to the track and in front of the Booster Shack were completed over the summer of 2011. Handicap accessibility and available parking was also a result of these improvements.
- \checkmark During the summer of 2013, 2/3 of the additional parking was completed.
- ✓ Rebuilt the football surface field, summer of 2019.
- ✓ Reseeded and fertilized, May 2021.
- ✓ Field lights installed, October 2021.
- ✓ Annual plan in place for the health and conditioning of the field, 2022.

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Practice Fields/Areas:

Known Priorities

o Discussions related to adding additional practice areas will be part of the five year plan.

Work Completed

- ✓ The work on the area behind P.W.S. was completed in 2011 and the field was ready for use in the fall of 2012.
- \checkmark The practice area next to the track was completed in the fall, 2014.
- ✓ The gate at the entrance to the track and fields was replaced in 2014 to make that area more secure.

Soccer:

Known Priorities

o Work on better drainage on the soccer field will be part of the five year plan.

Work Completed

- \checkmark The scoreboard was relocated during the summer of 2013.
- ✓ New Scoreboard was installed in the summer of 2017.
- ✓ Rebuilt the soccer surface field, fall of 2019.
- ✓ Reseeded and fertilized, May 2021.
- ✓ Annual plan in place for the health and conditioning of the field, 2022.

Baseball/Softball:

Known Priorities

- Loom and seed bank next to the Baseball field;
- o Monitor infield and outfield surfaces on the Softball and Baseball field; and,
- o Rebuild dugouts.

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Work Completed

- ✓ The infield at the Softball field was refurbished in the fall 2016.
- ✓ The infield at the Baseball field was refurbished in the summer of 2017
- ✓ Both fields were treated for grass/weeds and have been reseeded in the summer of 2017
- ✓ The Baseball/Field Hockey Scoreboard was replaced in the fall of 2017.
- ✓ Refurbished the backstop at the softball field, summer of 2018.
- ✓ The Softball outfield was leveled and fertilized, summer of 2018.
- ✓ New Softball scoreboard installed, summer of 2018.

Field Hockey:

Work Completed

- ✓ The relocation of our current Field Hockey field was discussed, but a decision was made in 2011 to keep it located on the upper field.
- ✓ Reseeded and treated the field, summer of 2018. To be completed annually.

Equipment:

Known Priorities

- o Continue replacing existing equipment as needed; and,
- A cycle for replacing our existing equipment will be developed and monitored prior to the development of a new budget.

Equipment Purchased/Replaced

- ✓ A chemical free floor cleaner/stripper was purchased during the summer of 2011.
- ✓ A John Deere 3620 tractor and attachments was purchased in the fall of 2011.
- \checkmark The zero-turn mower was replaced in the winter, 2014.
- \checkmark A snow blower was purchased in the fall of 2015.
- ✓ A new carpet cleaner was purchased in the summer of 2016.

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- ✓ The 1983 Yanmar Tractor was sold in the fall of 2016.
- ✓ Floor scrubber purchased for LCS, to be delivered by November 2020.
- ✓ Replaced the water cannon, May 2021.
- ✓ Replaced the zero turn lawn mower, May 2021.

Vehicles:

The purchase of passenger vans has significantly decreased the transportation cost for conferences, athletics, field trips and other district related travel expenses. A replacement cycle was started in 2014-2015.

Known Priorities

- Continue replacing existing vehicles as needed and monitor the replacement cycle prior to the development of a new budget; and,
- o Continue replacing old buses funded through a state reimbursed three year lease purchase agreement.

Vehicles Purchased/Replaced

- ✓ The 1998 red Jeep was replaced during the 2010-2011 school year.
- \checkmark The 2003 Ford plow truck was replaced in the fall of 2014.
- \checkmark A new bus was purchased in 2012-2013.
- ✓ There was an increase in general maintenance that was included in the 2011-2012 budget.
- \checkmark The blue caravan was replaced in the fall of 2012.
- \checkmark In 2012 two minipages were added to the fleet (1 white and 1 silver).
- \checkmark The 2004 van was replaced in 2014.
- ✓ A Class D trip bus was purchased in August 2016.
- ✓ A Class A handicap accessible bus was purchased in September 2016.
- ✓ Replaced the 2007 Ford Focus with a 2013 Ford Focus in November 2016.
- ✓ A Class C school bus was purchased in March 2017.

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- ✓ Replaced the 2007 Chevy Uplander with a 2015 Dodge Grand Caravan in May of 2018.
- ✓ Replaced the 2006 Ford E-350 with a 2018 Ford Transit Van, June 2019.
- ✓ Purchased three, class C buses, September 2019.
- ✓ Replaced the 2006 1 Ton with a 2020 Chevy 1 Ton, August 2020.
- ✓ Replaced the 2010 Chrysler minivan with a 2020 Ford Transit Van, September 2020.
- ✓ Replaced the 2010 Dodge minivan with a 2020 Ford Transit Van, September 2020.
- ✓ Replaced the 2008 GMC Envoy with a 2020 Ford Transit Van, September 2020.
- ✓ Purchased two, 2021 Ford Transit Vans, October 2021.
- ✓ Purchases three, class C buses, September 2022.

Maintenance Garage:

Work Completed

✓ The Maintenance Garage was replaced in the spring of 2012.

Storage (District Wide):

Over the last three years there has been an increasing need for general storage. Due to the addition of the Adult Ed. and Gartley Street Programs at Central Office, the majority of the district wide storage areas are no longer available.

Known Priorities

 Additional storage for track and related equipment needs to be built or purchased for the track area.

- ✓ A door was added to the LCS roof in 2010 to allow access to additional storage.
- ✓ The Maintenance Garage was replaced in 2012 and additional storage space was created upstairs. Options for accessing this space are currently being discussed.

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- ✓ We were able to eliminate the old boxcar behind the Philip W. Sugg Middle School. We now use the upstairs of the new garage.
- ✓ A lift was purchased in the summer of 2016 to provide access to the space above the maintenance garage.
- ✓ A wrestling mat lift was installed in the L.H.S. gym storage area, spring of 2017.
- ✓ Storage Units rented in September 2020.
- ✓ Purchased the previous leased storage units for PPE and other equipment, December 2020.

Other:

Asphalt Driveways:

Known Priorities

- o Repair the driveway at G.S.S;
- o Pave a drive down to the football field to control erosion; and,
- Developing a Lifecycle/Preventative Maintenance Funding Plan to require all district wide driveways be part of the five year plan.

Work Completed

- ✓ During the fall of 2015, a new sidewalk from 196 all the way to the Philip W. Sugg Middle School was installed through the use of the Capital Reserve funds.
- ✓ Repaired the driveways at PWS and LHS, summer of 2019.
- ✓ Repayed PWS and LHS, August 2022.
- ✓ Repayed the tennis court parking lot, August 2022.

Technology:

Over the next couple of years, technology improvements must be made across the Lisbon School Department. The Lisbon School Department will need to continue to invest in technology hardware, like tablets, laptops, smartboards, etc. These tools are heavily integrated into the daily teaching and learning and new computers will need to be added in an effort to replace the existing computers that are past obsolete and do not function well.

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The technology Systems Director, LTC, and Superintendent will work together to identify the technology needs of the department and funding for these projects will be provided through the use of the system-wide technology, ERATE, and Title funds.

Known Priorities

- o Monitor the wireless networks at each building;
- o Purchase technology to strengthen existing resources (MLTI Program); and.
- Examining the continued growth of cloud computing including current and future technology trends will be part of the five year plan.

Technology Purchased/Replaced

- ✓ During the summer of 2015, the wireless network at the Lisbon Community School and Lisbon High School was replaced with a new updated network that can handle current and future needs.
- ✓ During the 2015-2016 school year, three carts of laptops were purchased for the Lisbon Community School.
- ✓ During the 2015-2016 school year, one cart of laptops was purchased for the 6th grade at the Philip W. Sugg Middle School.
- ✓ During the 2015-2016 school year, new lab computers were purchased for the Lisbon High School.
- ✓ During the 2016 2017 school year, three laptop carts were purchased for the sixth grade classrooms at PWS (bringing the total to four carts).
- ✓ During the 2016 2017 school year, 8 laptop storage carts were purchased to replace the existing wooden storage laptop carts in the 7th and 8th grade classrooms.
- ✓ During the summer or 2017, 400 HP laptops were purchased via the MLTI laptop contract (200 were the laptops assigned to PWS and 200 from Oak Hill Middle School). Those laptops were refurbished and placed mainly in LHS and LCS for student use.
- ✓ During 2016 2017, the security camera system at PWS (28) was updated/replaced.
- ✓ During 2017 2018, the security camera system at LCS (36) and LHS (25) was updated/replaced.
- ✓ During the spring of 2020, the firewalls were replaced at each building.
- ✓ During the summer of 2020, 48 laptops were purchased for LHS carts.

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- ✓ As the 2020 2021 school started, the LHS wireless network was upgraded and now managed by Education Networks of America.
- ✓ Chromebooks for grades 3 through 6 have been ordered and are being distributed as the devices are delivered.
- ✓ Additional devices are being ordered for Pre-K, grades 1 and 2, as well as Gartley Street School.
- ✓ During the 2020 2021 school year, additional chromebooks were purchased for the high school to provide enough student devices for 1 to 1 computing.
- ✓ During the 2020 2021 school year, the PWS wireless network was upgraded and now managed by Education Networks of America.
- ✓ During the 2020 2021 school year, work has begun to start replacing the old interactive whiteboards with new interactive digital displays
- ✓ During the 2022 summer, the 6th grade chromebooks were replaced with new chromebooks provided by the Maine Learning Technology Initiative (MLTI)
- ✓ During the 2002 summer, we continued to replace the aging interactive whiteboards with new Cleartouch interactive displays in the classrooms
- ✓ During the 2021 2022, the wireless network at the central office will be upgraded and managed by Education Networks of America (ENA).

Reviewed/Approved by Lisbon School Committee: November 14, 2022