

Ogdensburg City School District Smart Schools Investment Plan 2024-2025



Background: The SMART SCHOOLS BOND ACT OF 2014 was passed in the 2014-15 Enacted Budget and approved by the voters in a statewide referendum held during the 2014 General Election on Tuesday, November 4, 2014. This bond act authorized the issuance of \$2 billion of general obligation bonds to finance improved educational technology and infrastructure to improve learning and opportunity for students throughout the State. Questions or comments regarding this plan can be submitted in writing to:

Mr. Kevin Kendall
Superintendent of Schools
1100 State Street,
Ogdensburg, NY 13669

The entire text of the Smart Schools Bond Act Implementation Guidance can be found at http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf

Ogdensburg City School District's portion of this funding is \$2,264,871

Overall Budget 2017-2018	
Budget Category	Sub-allocation
School Connectivity	\$0
Classroom Technology	\$797,002.93
Pre-Kindergarten Classrooms	\$0
Replacement of Classroom Trailers	\$0
High-Tech Security Features	\$0
Total Funds Requested (2017-2018)	\$0.00
Allocated Funds (2016-2019)	\$1,364,609.00
Unallocated Funds	\$103,259.07

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Plan Details:

Recommendation 1: Utilize funds to provide students with access to cutting edge STEM related hardware and software.

Rationale: Access to advanced hardware and software allows students to apply theoretical knowledge in real-world settings. This hands-on experience solidifies their understanding of complex STEM concepts and prepares them for practical problem-solving. Providing access to the latest technology ensures students gain proficiency in the tools and techniques that are increasingly in demand by employers, making them more competitive in the job market. Investing in the latest hardware and software prepares students to be adaptable in a fast-evolving technological landscape. These tools also offer scalable platforms that can grow with future needs, ensuring the educational institution remains at the forefront of innovation. Access to state-of-the-art tools fosters creative thinking and experimentation. Students can explore innovative solutions to complex problems in fields like engineering, computer science, and mathematics. This kind of innovation is critical for producing future leaders and entrepreneurs in STEM fields. Modern STEM tools often integrate concepts from multiple disciplines, encouraging students to work across fields like biology, engineering, computer science, and environmental science. This kind of interdisciplinary collaboration is vital for addressing global challenges and advancing research. Many students, especially from underserved backgrounds, may not have access to advanced hardware and software at home. Providing these resources ensures that all students have equal opportunities to learn, experiment, and excel in STEM fields. The use of investment funds to provide students with access to cutting-edge STEM-related hardware and software is a strategic decision that yields long-term educational, economic, and social benefits. It enhances learning outcomes, bridges the skills gap, fosters innovation, and prepares students to meet the demands of the modern workforce.

Description	Quantity	Price	Total
Inspirit STEM Classroom Bundle with Headsets	3	\$39,962.00	\$119,887.00
EVO Classroom Kit (18 Bots)	3	\$2,780.70	\$8,342.10
ARI Classroom Kit (18 Bots)	4	\$3,990.00	\$15,960.00
Color Code Magnets Base Kit	27	\$30.00	\$810.00
Color Code Magnets Speed Kit	27	\$10.00	\$270.00
Fork Farms Flex Farm w/Seeds	3	\$4,845.00	\$14,535.45
Fork Farm Flex Grow Supply Package	3	\$150.01	\$450.03
Shipping	1	\$450.00	\$450.00
*ZSpace Inspire Middle School Classroom Bundle	1	\$104,060.00	\$104,060.00
Makey Makey Classroom Invention Kit	6	\$664.95	\$3,989.70
Makey Makey Alligator Clips	15	\$9.95	\$149.25
Makey Makey USB-C Cable	72	6.95	\$500.40
Edm8ker Mobile Cart	12	\$3,150.00	\$37,800.00
TOTAL			\$307,203.93

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Recommendation 2: Upgrade all audio-visual aspects of the George Hall Auditorium to LED lighting and digital sound.

Rationale: Upgrading the audio-visual aspects of George Hall Auditorium to LED lighting and digital sound offers numerous benefits that can be articulated in an investment plan. Compared to traditional incandescent or halogen lights, LED lights consume significantly less power. This results in reduced energy bills, lowering operating costs in the long term. LED bulbs also last longer, requiring fewer replacements and maintenance efforts. The Modern digital sound systems are more energy-efficient than older analog counterparts, leading to further savings on electricity usage. LED and digital technologies are at the forefront of innovation. By investing in these upgrades, the auditorium remains adaptable to future technological advancements, ensuring that the venue can easily integrate new systems and capabilities as they arise. modernized auditorium with state-of-the-art lighting and sound systems will be more attractive to event organizers, performers, and attendees. This could increase bookings, allowing the George Hall Auditorium to host a wider range of events, from performances to corporate presentations. Investing in LED lighting and a digital sound system for the George Hall Auditorium aligns with modern energy efficiency standards, enhances the audience experience, reduces operating costs, and positions the venue as a premier location for high-quality events. The upgrades are a forward-looking investment that will pay off through increased sustainability, reduced costs, and enhanced revenue opportunities.

Description	Quantity	Price	Total
Audio System Receivers and Transmitters -	1	\$46,628.00	\$46,628.00
Countryman Ear set, Beige w/ LEMO 3 Pin SE Connector	1	\$16,000.00	\$16,000.00
Cabling and Hardware	1	\$1,401.00	\$1,401.00
Installation	1	\$4,800.00	\$4,800.00
RoboSHOT OneLink Bridge PTZ Camera System	1	\$12,305.00	\$12,305.00
Cabling and Hardware	1	\$797.00	\$797.00
Installation	1	\$11,900.00	\$11,900.00
Soundcraft Mark II Upgrade Soundcraft (Change to Digital)	1	\$1,468.00	\$1,468.00
Labor	1	\$1,000.00	\$1,000.00
Upgrade to LED Stage Lights	1	\$350,000.00	\$350,000.00
Lights – Non-Stationary LED Lights and Placement	1	\$43,500.00	\$43,500.00
TOTAL			\$489,799.00