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SSIP Overview

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1. **Please enter the name of the person to contact regarding this submission.**

   Kristine Coakley

   1a. **Please enter a phone number for follow up questions.**

   716-433-9592 ext. 513

   1b. **Please enter their e-mail address for follow up contact.**

   kcoakley@ndyfs.org

2. **Please indicate below whether this is the first submission or an amended submission of an already approved Smart Schools Investment Plan.**

   First submission

3. **Pursuant to the requirements of the Smart Schools funding, the planning process must include consultation with parents, teachers and students.**
   By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

   ☑ Parents
   ☑ Teachers
   ☑ Students

4. **Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.**

   ☑ The Smart Schools Investment Plan was posted on the school website for at least two weeks. The school included an address to which any written comments on the plan should be sent.
   ☑ The school board/trustees conducted a hearing that enabled stakeholders to respond to the Plan. This hearing may have occured as part of a normal Board meeting, but adequate notice of the event must have been provided through the school website for at least two weeks prior to the meeting.
   ☑ The final proposed plan that has been submitted has been posted on the school's website.and will remain for the duration of the related projects.

   4a. **Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.**

   https://fosteringgood.org/services/education/

5. **Your school's Smart Schools funding appropriation is:**

   $21,841

6. **Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting Smart Schools funds for a category, please enter 0 (zero.) If the value entered is $0, you will not be required to complete that survey question.**

	Sub-Allocations
School Connectivity	11,003
Classroom Technology	9,574
Replacement of Transportable Classroom Units	0
High-Tech Security	0
Totals:	**20,577**

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School Connectivity

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1. **Describe how you intend to use Smart Schools funds for high-speed broadband and/or wireless connectivity projects in school buildings.**

    Smart School Bond Act Investment Plan
    Henrietta G. Lewis Campus School

    The necessary upgrades to the Henrietta G. Lewis Campus School's technology system has become clear with the challenges it faces providing both stable, fluid wired and wireless network connections to all classrooms in compliance with the New York State Department of Education's transition to computer-based testing for all students in grades three through eight by 2020.

    The primary focus of the Smart School Bond Act Investment Plan will alleviate concerns in the areas listed below:
    - Our internal wiring network becomes overwhelmed by the number of users attempting to sign-on to the network. This has resulted in sign-on delays, slower processing time and limited use of technology in the classroom
    - Our current wireless system does not allow for access within certain classrooms in the building
    - Continuous support for our current technology which includes but is not limited to teaching with interactive whiteboards
    - Emergency notification system for staff and student parents/guardians

    Following federal recommended guidelines (National Education Technology Plan update, Reimaging the role of Technology in Education: 2017), the Henrietta G. Lewis School's Technology plan is as follows:

    1. Through the use of our e-rate discount, we have installed a Fiber Optics connection for our Local Area Network use.

    2. Recommended updates to the Local Area Network are required to offer fluid, stable broadband with the recommended target speed of one (1) gigabit per second per student by the end 2017-18 school year. This would require installation of Fiber or CAT 6a cabling.

    3. Access points within the school have been strengthened and relocated to support devices within the school.

2. **Describe how the school plans to use digital connectivity and technology to improve teaching and learning.**

    1. To continue to provide technology infused instruction we will need replacement projectors to maintain our classroom Promothean Boards. Included in the Smart School budget proposal are four (4) Epson Powerlite x39 projectors.
    -Continue to provide interactive lessons using ActivInspire

    2. To maintain technology infused classroom instruction and to accommodate state-testing approved devices, the addition of 10 Asus Chromebooks - Flip c213A-YS02-S
    -Continue utilizing Educational Apps across all grade levels and subject areas

        8 Chromebooks with Google for education will assist in our High School Science Classrooms with 3D visuals such as the Biodigital human, the Earth and other programs that offer students real world visual representation of the living world. Google also others student the opportunity to explore the world through virtual reality programs
    -Continue to differentiate student's access to knowledge and presenting student learning assessments

        8 Chromebooks with Google for education will assist our High School ELA classroom. Students will be able to seek make develop informed hypotheses on a   variety of topics as they are guided on finding well researched, factual information on the internet. Students will be able to collaborate on a variety of writing pieces through google documents. Teachers will be able to provide real time editing and revision for individualized instruction on writing pieces.

    3. In an effort to decrease the *digital use divide* (utilizing technology in an active,creative way to support learning as opposed to the use of technology for passive content consumption), professional development opportunities and in-services on devices, software, apps, internet services, and being a responsible digital citizen will be integrated yearly for teaching staff.

3. **Does your School Connectivity project require new construction or substantially altered space and result in capitalized cost in excess of $100,000?**

    No

4. **If you are submitting an allocation for School Connectivity complete this table.**
    Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

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School Connectivity

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	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	11,003
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**11,003**

5.   **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be eligible for tax-exempt financing to be reimbursed with Smart Schools funds. Sufficient detail must be provided so that we can verify this is the case. If you have any questions, please contact us directly through smartschools@nysed.gov. Add rows under each sub-category for additional items, as needed.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	CAT6A	29	245	7,105
Connections/Components	CAT5E	20	155	3,100
Connections/Components	24 port Cat5E patch panel	2	89	178
Connections/Components	24 port Cat6A patch panel	2	185	370
Connections/Components	Firestop	1	10	10
Connections/Components	Wiremold	1	150	150
Connections/Components	Tirewraps	1	15	15
Connections/Components	Low voltage surface mount boxes	15	5	75

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Classroom Learning Technology Equipment (Devices)

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1. **Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems.**

Six (6) Epson Powerlite x39 projectors. Each classroom in the school is equip with Promethean Boards Interactive whiteboards for classroom instruction. The Epson Powerlite projectors are used in conjunction with the whiteboards to project all content. The purchase of six projectors will allow us to have them in stock for minimal down time in instruction.
Sixteen (16) Asus Chromebooks - Flip c213A-YS02-S   The chromebooks will be used as a tool for classroom instruction as needed for different units of study where applications, research, virtual reality learning, word processing and presentations are utilized. In addition, the chromebooks will be utilized during state testing for grades three through eight when the switch to computer-based testing occurs.
-Continue utilizing Educational Apps across all grade levels and subject areas
    8 Chromebooks with Google for education will assist in our High School Science Classrooms with 3D visuals such as the Biodigital human, the Earth and other programs that offer students real world visual representation of the living world. Google also others student the opportunity to explore the world through virtual reality programs
-Continue to differentiate student's access to knowledge and presenting student learning assessments
    8 Chromebooks with Google for education will assist our High School ELA classroom. Students will be able to develop informed hypotheses on a variety of topics as they are guided on finding well researched, factual information on the internet. Students will be able to collaborate on a variety of writing pieces through google documents. Teachers will be able to provide real time editing and revision for individualized instruction on writing pieces.

2. **Describe how the proposed technology purchases will improve teaching and learning inside or outside of the classroom.**

1. To continue to provide technology infused instruction we will need replacement projectors to maintain our classroom Promethean Boards. Included in the Smart School budget proposal are six (6) Epson Powerlite x39 projectors.
-Continue to provide interactive lessons using ActivInspire
2. To maintain technology infused classroom instruction and to accommodate state-testing approved devices, the addition of 16 Asus Chromebooks - Flip c213A-YS02-S
 The Chromebooks will be used as a tool for classroom instruction as needed for different units of study where applications, research, virtual reality learning, word processing and presentations are utilized. In addition, the Chromebooks will be utilized during state testing for grades three through eight when the switch to computer-based testing occurs.
-Continue utilizing Educational Apps across all grade levels and subject areas
    8 Chromebooks with Google for education will assist in our High School Science Classrooms with 3D visuals such as the Biodigital human, the Earth and other programs that offer students real world visual representation of the living world. Google also others student the opportunity to explore the world through virtual reality programs
-Continue to differentiate student's access to knowledge and presenting student learning assessments
    8 Chromebooks with Google for education will assist our High School ELA classroom. Students will be able to develop informed hypotheses on a variety of topics as they are guided on finding well researched, factual information on the internet. Students will be able to collaborate on a variety of writing pieces through Google documents. Teachers will be able to provide real time editing and revision for individualized instruction on writing pieces.

3. **To ensure the sustainability of technology purchases made with Smart Schools funds, schools must have a plan to maintain and support technology purchases reimbursed with Smart Schools funds. This sustainability plan should support recurring costs of use that are ineligible for Smart Schools funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items.**

☑   By checking this box, you certify that the school has a sustainability plan as described above.

4. **Schools must ensure that devices purchased with Smart Schools funds will be distributed, prepared for use, maintained and supported appropriately. Schools must maintain detailed device inventories in accordance with generally accepted accounting principles.**

☑   By checking this box, you certify that the school has a distribution and inventory management plan and system in place.

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Classroom Learning Technology Equipment (Devices)

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5. **Schools must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the its new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.**

☑ By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

5a. **Please enter the name of the SUNY or CUNY Institution that you contacted.**

The College at Brockport

5b. **Enter the primary Institution phone number.**

1-585-395-2258

5c. **Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.**

Dr. Thomas Hernandez

6. **If you are submitting an allocation for Classroom Educational Technology, complete this table.**
   Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Interactive Whiteboards	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	6,480
Tablet Computers	(No Response)
Other Costs	3,094
Totals:	**9,574**

7. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital bond eligible to be reimbursed with Smart Schools funds. If you have any questions, please contact us directly through smartschools@nysed.gov.**
   Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Laptop Computers	Asus Chromebook Flip Chromebook C213A-YS02-S	16	405	6,480
Other Costs	Projector Powerlite X39	6	449	2,694
Other Costs	Site License for Asus Chromebook Flip Chromebook C213A-YS02-S	16	25	400

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Replace/Modernize Transportable Classrooms

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1. **Describe the school's plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.**

   (No Response)

2. **Does your Classroom Trailer project require new construction or substantially altered space and result in capitalized cost in excess of $100,000?**

   (No Response)

3. **If you have made an allocation for Replace Transportable Classrooms, complete this table.**
   Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	**0**

4. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital bond eligible to be reimbursed with Smart Schools funds. If you have any questions, please contact us directly through smartschools@nysed.gov.**
   Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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High-Tech Security Features

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1. **Describe how you intend to use Smart Schools funds to install high-tech security features in school buildings and on school campuses.**

   (No Response)

2. **Does your High-Tech Security project require new construction or substantially altered space and result in capitalized cost in excess of $100,000?**

   No

3. **If you have made an allocation for High-Tech Security Features, complete this table.**

   Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Electronic Security System	0
Entry Control System	0
Approved Door Hardening Project	0
Other Costs	0
Totals:	**0**

4. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital bond eligible to be reimbursed with Smart Schools funds. If you have any questions, please contact us directly through smartschools@nysed.gov.**

   Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)