SSIP Overview

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Group 1

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

    Teri Byrne-Knell

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

    716-882-0090 ext. 113

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

    tbyrne@falkschool.com

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.**

    www.falkschool.com

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

    $150,158

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	0
Classroom Technology	150,158
Replacement of Transportable Classroom Units	0
High-Tech Security	0
Totals:	**150,158**

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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.**

   NA: We have proposed no investments in this category.

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

   NA: We have proposed no investments in this category.

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

   (No Response)

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.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**0**

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
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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.**

    It is the mission of the Stanley G. Falk School to provide a traditional school experience with educational supports to students with special learning and behavioral needs; and, using technology as an instructional support has played a critical role in our school's success. Currently, our school has 200 MB of bandwidth to support Internet/connectivity in each of our classrooms, technology labs, and offices. In 2007, the school introduced Smartboard technology making it possible for special education teachers to present dynamic lessons that captured students' attention while appealing to multiple modalities of learning. Smartboards and touchscreens captivated the learner and kept students engaged in meaningful learning experiences. Video segments and YouTube clips clarified abstract concepts. Complicated curricula had begun to make sense to the learner, and information could be practiced, linked to prior knowledge, and then applied to new concepts.

    In September of 2014, after collaborating with the IT Department, the school put iPads into the hands of every student, teacher, and counselor. These devices awakened an enthusiasm for teaching and learning! The school invested financial resources to ensure that all faculty members were properly trained on how to use iPad technology. The school also provides annual Professional Development training to keep educators familiar with latest updates and trends. In September of 2015, all high school and junior high students received Chromebooks. Again, the school invested in Professional Development training to promote proper implementation of these devices. The decision to purchase Chromebooks was based in part to prepare for Computer-Based Testing (CBT).

    In April of 2016, the school began to phase out outdated Smartboard technology and introduce Sharpboard touchscreens into the classrooms. Sharp technology has been well received by educators who report that the new technology integrates well with all devices (iPads, Chromebooks, and Smart technology software).

    The school is planning to purchase Sharp-PN-C703B 70" LCD interactive Sharptouch monitor and wall mounts. They were chosen because they work with our existing computers and wiring. They will allow the teachers to use existing Smartboard software or use the new Sharp software. We have already purchased ten (10) units and tested them at a variety of grade levels and have received positive responses from the teachers.

    Technology is as revolutionary to our world as the automobile was to our past. It is our responsibility as educators to remain current in this field so that our students are prepared to meet the demands of the 21st Century. The Falk School is grateful to the New York State Education Department for the opportunity to acquire this additional funding to support and advance our mission.

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

The Stanley G. Falk School provides educational support services to students who have special learning needs from over 40 districts throughout Western New York. All instruction occurs in highly structured, 6:1:1 classroom settings that provide our students with the supports necessary to make learning meaningful.

We understand that in order to make a successful transition from high school into the post-secondary world, we need to keep our students up-to-date in the use of technology. We also know that our K-12 special education teachers must be able to engage and connect with various learning styles in classrooms while at the same time respond to the rigors of the core curriculum requirements. We have found that one of the key components used to increase the number of students who are engaged in meaningful learning and prepare them for post-secondary endeavors, is to continually update technology in the classroom. Our chief concern is to provide quality instruction to our students, and we do this by using our resources wisely to ensure that students are accessing tools that help them overcome the barriers to learning. Classrooms must be properly equipped with technology to engage the learner.

To keep our educators well-schooled in digital learning techniques, the Falk School has partnered with Erie 1 BOCES for the 2016-2017 school year to provide our teachers with on-site technology in-services. This program was designed to have a member of the E1B technology department work with Falk educators in their classrooms during the school day throughout the school year. This allows both the teacher and the students an opportunity to learn together about the latest educational applications and programs available. After the training sessions, teachers will be better prepared to provide our students with updated information through the use of various apps and digital resources. These on-line, standards-based tools, will integrate our current Chromebooks and iPads with the new Sharp-PN-C703B (Sharpboards) to create interactive classrooms for all grade levels.

We believe that active learning through the use of Sharpboard technology will encourage collaborative learning and will engage all types of learners in a meaningful way. For example, students who may have difficulty processing information from a conventional textbook will now have the opportunity to learn and process through the use of an interactive touch screen. Interactive touch screens and captivating graphics help students make sense of complex topics. In math classrooms, students are able to have a better grasp of the material through avatars and animations that were not possible with a text or the pen-to-paper method. In our junior high social studies classes, the new United States History curriculum, *Social Studies Reimagined,* the students have an opportunity to view first-hand accounts of major milestones in US history through interactive charts, 3-D models, simulations, and primary source image galleries. Biology students are now doing dissections via digital learning. Technology has allowed students to have more control in time, space, path, and pace of their learning.

Students with disabilities benefit from increased use of technology in the classroom. By incorporating technology, such as Sharpboards, Chromebooks and iPads into instruction, teachers are able to grasp and hold the students' attention, which in turn motivates students and increases their time processing given concepts. Teachers are pleased that lessons can be modified and tailored to meet the needs of all learning styles and they can see the positive impact as the students develop both academically, behaviorally, and socially. We are fortunate.

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.

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.**

Buffalo State College

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

716-878-4214

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. Wendy Patterson

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	150,158
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	(No Response)
Tablet Computers	(No Response)
Other Costs	0
Totals:	**150,158**

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
Interactive Whiteboards	Sharp-PN-C703B 70	50	2,949	147,450
Interactive Whiteboards	Mounts for Sharp Boards	19	142	2,708

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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.**

   NA: No proposed investments in this category.

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)

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 Response)

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)