

The background features a dark blue gradient with a complex pattern of white and light blue circular elements. On the left side, there is a large, semi-circular scale with numerical markings from 140 to 260 in increments of 10. Several concentric circles and arcs are scattered across the page, some with arrows indicating a clockwise or counter-clockwise direction. The overall aesthetic is technical and modern.

HUNTINGTON UFSD SUPPLEMENTARY SMART SCHOOLS INVESTMENT PLAN (SSIP)

APRIL 26, 2018

WHAT IS THE SMART SCHOOLS BOND ACT?

- Proposal by Gov. Cuomo to fund technology and expand Pre-K throughout the state
- Voted on and passed in November 2014
- Huntington UFSD can apply for \$1,407,121.00

PURPOSE

- Acquire learning equipment for facilities, i.e. Interactive Whiteboards, projection systems, devices
- Infrastructure upgrades, i.e. wireless, servers, storage, point-point connections, community connectivity
- Construct, enhance modernize facilities to accommodate Pre-K programs
- Install high-tech security features in school buildings, video surveillance, door access controls

REQUIREMENT TO ATTAIN FUNDING

- Submit a new three year district technology plan to the state (due in the Fall)
- Form a committee of stake-holders to create/review a preliminary plan
- Preliminary Smart Schools Investment Plan – Public Hearing
- Post Preliminary SSIP on the school website for 30 days for days for community comments
- Make adjustments to the plan if needed
- Post the final SSIP on the district website
- Submit the SSIP to NYSED for approval.

HUNTINGTON'S SSIP FOR CLASSROOM TECHNOLOGY

WHAT'S BEEN DONE

\$463,809.69 of the allocation has been expended on 1155 chromebooks, 171 Chromebooks and charging carts for St. Patricks and 10 Flat Panel Smartboards. The following purchases have been completed:

- Touchscreen Chromebooks for use in grades 3 through 5
- Lenovo Yoga Touchscreen Chromebooks for use in grades 7-12, as part of a 1 to 1 initiative, along with cases and insurance.
- Tablets for use in grades K-1: 6 chromebooks per classroom for use as a technology center.
- Began to replace current Smartboards (approximately 265) with Flat-Panel interactive whiteboards. 80 have been replaced. Flat-Panel boards require no projector/bulbs, have better resolution, do not require calibration, and allow multi-touch. They have stands so the height can be adjusted.

WHAT NEEDS TO BE DONE OVER 5 YEARS

- Replace non-touch devices in grades 2 and 6 with Touchscreen Chromebooks.
- Develop a sustainable grade-level replenishment plan. Current projections include replenishing 2-3 grade-levels per year: One grade in K-5, 6th grade (students keep devices through 8th) and 9th (students keep devices through 12th)
- Add devices for use in grades K-1 with the goal of providing full class sets, as devices are replaced.
- Purchase carts for K-1 classrooms, or re-use older ones. Update to newer carts when possible.
- Continue to replace our current Smartboards (approximately 175 older boards) with Flat-Panel interactive whiteboards

Touchscreen Chromebooks

- The district has been proactive in rolling out tablet devices and piloting them to see which is the most cost-effective tool to assist our students in gaining a 21st century education. Touchscreen Chromebooks are inexpensive and give students the opportunity to combine the best features of tablets with the best features of small computers. In particular, students will be able to demonstrate their understanding of math by drawing diagrams and pictures to enhance their thinking using the touchscreen, as well as using interactive games and calculators.
- Teachers in grades K and 1 will use chromebooks to reinforce learning that is taking place in their classrooms. Apps on tablets will be available for use as a center activity to support curriculum.

HUFSD completed infra-structure upgrades and meets the minimum speed of 100 Mbps per 1,000 students required by the Federal Communications Commission. **We are currently at 1Gig and we have approximately 4500 students.**

TECHNOLOGY DEVICES WILL:

- Enhance DI and Benefit SWD and ENL Students
 - Teachers will use software, videos and apps (Read 180, Math 180, Khan Academy, LearnZillion, YouTube, G-Suite, Flocabulary, Zearn, ABCYa, Newsela, Nearpod, Successmaker and others) and will assign lessons tailored to the needs of students
- Expand student learning both inside and outside the classroom
 - The use of technology will allow collaboration and learning to take place regardless of time and place. Students can collaborate on digital projects, conference with leaders all over the world, and can access information on the world-wide-web.
- Close gaps
 - Digital tools will be used to identify gaps in learning and teachers will use this data to inform instruction.
 - Teachers will use software, videos and apps to assist students who struggle with specific performance indicators.
- Enhance communication with parents and other stakeholders
 - Teachers will continue to post information on eboards, google sites and the parent-portal portion of our student management system to keep parents, students and the community informed about progress and happening in the school community.

THE SMART SCHOOLS INVESTMENT PLAN:

- Facilitates technology-based regional partnerships/distance learning
 - Huntington has Virtual Advanced Placement classes currently and will expand these as interest and technology grows.
 - Elementary classes have been partnering with other classrooms across the state and the US in various distance learning projects.
 - HHS AP students have partnered with classes in other districts to give and get feedback on research papers.
 - Our school participates in an assessment consortium, where teachers from participating districts create questions aligned to standards and are placed in an item bank, which is then able to be accessed by all parties.
- Shows that the district is committed to providing professional development in integrating technology into the classroom.
 - Tech mentors give PD in which best practices are shared. Tech Mentors facilitate PD and assist teachers.
 - Two staff-developers work part-time providing assistance to teachers both during the school day and after-school.
- Huntington is committed to providing St. Patrick's School with a portion of funds (see the budget projections)
- Sustainability: Huntington is committed to using district funds to continue to upgrade infrastructure and to replacing older, obsolete devices. When previous projects are examined, it shows Huntington's commitment to technology and providing a 21st Century learning experience for students.

Purple indicates devices purchased via SSIP. Blue indicates purchased via District money.

Updated 5 Year Plan (K-5)

Grade	Chromebooks 17-18		Chromebooks 18-19		Chromebooks 19-20		Chromebooks 20-21		Chromebooks 21-22		Chromebooks 22-23	
K	Tablets:Each classroom(6)	Devices (6) .5 Yrs old	Tablets for Technology Station (6)	Devices (6) 1.5 Yrs old	Tablets for Technology Station (12)	Devices 2.5 Yrs old Add Lenovos from Seniors 18-19 (2 yrs)	Tablets for Technology Station (18)	New devices via SSIP	Tablets for Technology Station (24)	Devices 1 Year old	Tablets for Technology Station (24)	Devices 2 Year old
1	Tablets:Each classroom(6)	Devices (6) .5 Yrs old	Tablets for Technology Station (6)	Devices (6) 1.5 Yrs old	Tablets for Technology Station (12)	Devices 2.5 Yrs old Add Lenovos from Seniors 18-19 (2 yrs)	Tablets for Technology Station (18)	Lenovo 500: 2 years old (from prior year's grade 8)	Tablets for Technology Station (24)	Lenovo 500: 3 years old	Tablets for Technology Station (24)	Devices from prior year's grade 8 3 Years old
2	Class sets through-out the district	Acer 720	Class sets through-out the district	Lenovo Yoga (1 Year) from Seniors 17-18	Class sets through-out the district	Lenovo Yoga (2 Year)	Class sets through-out the district	Lenovo Yoga (3 Year)	Class sets through-out the district	Lenovo 500: 3 years old (from prior year's grade 8)	Class sets through-out the district	New devices
3	Class sets through-out the district	Acer 738 2 years old	Class sets through-out the district	Acer 738 3 years old	Class sets through-out the district	New devices via SSIP	Class sets through-out the district	Devices 1 Year old	Class sets through-out the district	Devices 2 Year old	Class sets through-out the district	Devices 3 Years old
4	Class sets through-out the district	Acer 738 2 years old	Class sets through-out the district	Acer 738 3 years old	Class sets through-out the district	Lenovo Yogas 2 Years old (receive from prior year's Grade 8 students)	Class sets through-out the district	Lenovo Yogas 3 Years old	Class sets through-out the district	New devices via SSIP	Class sets through-out the district	Devices 1 Year old
5	Class sets through-out the district	Acer 738 2 years old	Class sets through-out the district	Start with Acer 738 (3 yr), New devices via SSIP	Class sets through-out the district	Devices new-1 Year old	Class sets through-out the district	Devices 1-2 Year old	Class sets through-out the district	Devices 2-3 Year old	Class sets through-out the district	Devices 3-4 Year old

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Updated 5 Year Plan (6-8)												
Grade	Chromebooks 17-18		Chromebooks 18-19		Chromebooks 19-20		Chromebooks 20-21		Chromebooks 21-22		Chromebooks 22-23	
6	Class sets through-out the district	Acer 720	Start 1 to 1 in grade 6; Students keep devices through grade 8.	New Lenovo 500e (Purchased in 17-18, not received until 18-19)	Start 1 to 1 in grade 6; Students keep devices through grade 8.	New devices	Start 1 to 1 in grade 6; Students keep devices through grade 8.	New devices	Start 1 to 1 in grade 6; Students keep devices through grade 8.	New devices	Start 1 to 1 in grade 6; Students keep devices through grade 8.	New devices
7	Student receive 1:1 devices	New Lenovo Yogas	1:1 Buy for 7th	(WSB) New Lenovo 500e (Purchased in 17-18, not received until 18-19)	1:1 Yes (students receive device from grade 8 students)	Lenovo 500e 1 year old	1:1 Yes (students move up with devices)	Devices 1 Year old	1:1 Yes (students move up with devices)	Devices 1 Year old	1:1 Yes (students move up with devices)	Devices 1 Year old
8	Students move up with Lenovo N22	Lenovo N22 (1 year old)	1:1 Yes (students move up with devices)	Lenovo Yogas 1 Year old	1:1 Yes (students move up with devices)	Lenovo 500e 1 year old → G1	1:1 Yes (students move up with devices)	Lenovo 500e 2 year old → G2	1:1 Yes (students move up with devices)	Devices 2 Years old → G1	1:1 Yes (students move up with devices)	Devices 2 Years old → G1

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Updated 5 Year Plan (9-12)

Grade	Chromebooks 17-18		Chromebooks 18-19		Chromebooks 19-20		Chromebooks 20-21		Chromebooks 21-22		Chromebooks 22-23	
9	Student receive 1:1 devices	New Lenovo Yogas	1:1 Yes (students use from 17-18 seniors)	New Lenovo 500e (Purchased in 17-18, not received until 18-19)	1:1 Yes	New devices	1:1 Yes	New devices	1:1 Yes	New devices	1:1 Yes	New devices
10	Student receive 1:1 devices	New Lenovo Yogas	1:1 Yes (students move up with devices)	Lenovo Yogas 1 year old	1:1 Yes (students move up with devices)	Lenovo 500e 1 Year old	1:1 Yes (students move up with devices)	Devices 1 Year old	1:1 Yes (students move up with devices)	Devices 1 Year old	1:1 Yes (students move up with devices)	Devices 1 Year old
11	Student receive 1:1 devices	New Lenovo Yogas	1:1 Yes (students move up with devices)	Lenovo Yogas 1 year old	1:1 Yes (students move up with devices)	Lenovo Yogas 2 Years old	1:1 Yes (students move up with devices)	Lenovo 500e 2 Year old	1:1 Yes (students move up with devices)	Devices 2 Year old	1:1 Yes (students move up with devices)	Devices 2 Year old
12	Student receive 1:1 devices	New Lenovo Yogas → G2	1:1 Yes (students move up with devices)	Lenovo Yogas 1 year old	1:1 Yes (students move up with devices)	Lenovo Yogas 2 Years old	1:1 Yes (students move up with devices)	Lenovo Yogas 3 Years Old	1:1 Yes (students move up with devices)	Lenovo 500e 3 Year old*	1:1 Yes (students move up with devices)	Devices 3 Year old*
*Use devices as replacement devices												

SUMMARY OF PROPOSED EXPENDITURES

Purple: SSIP Funds Used, Otherwise District funds (Green: Purchased with district funds for use in the following year)																		
		2016-2017			2017-2018			2018-2019			2019-2020			2020-2021				
Totals	Desc	Price	Qty	Total	Price	Qty	Total	Price	Qty	Total	Price	Qty	Total	Price	Qty	Total		
2355	Touch Screen Chromebooks, with white glove service, licenses	\$305.00	1155	\$352,275.00				\$314.00	400	\$125,600.00	\$314.00	400	\$125,600.00	\$314.00	400	\$125,600.00		
2800	Touch Screen Chromebooks, with white glove service, licenses	\$305.00	1200	\$366,000.00	\$314.00	1200	\$376,800.00				\$314.00	800	\$251,200.00	\$314.00	800	\$251,200.00		
80	Carts for Classrooms	\$1,800.00	14	\$25,200.00	\$1,800.00	36	\$64,800.00	\$1,800.00	30	\$54,000.00	\$1,800.00	30	\$54,000.00	\$1,800.00	30	\$54,000.00		
130	Multi-touch Interactive LED Flat Panel Displays (with mounting hardware and installation)	\$5,128.00	10	\$51,280.00	\$5,128.00	80	\$410,240.00	\$5,128.00	20	\$102,560.00	\$5,128.00	20	\$102,560.00	\$5,128.00	20	\$102,560.00		
Totals				\$794,755.00				\$851,840.00				\$282,160.00				\$533,360.00		
SSIP Classroom Tech				\$403,555.00				\$0.00				\$125,600.00				\$125,600.00		
District Tech Budget				\$1,198,310.00				\$851,840.00				\$156,560.00				\$407,760.00		
St. Pats Expenditure				\$59,565.00														
Per Pupil Amount				\$89.58				\$0.00										
New Calculation							St. Pats											
		Students	Total	Per Pupil														
HUFSD		4500	5170	\$150.94														
St. Pats		670																
							Total for St. Pats											
							\$101,129.18											
							Amt Given											
							\$59,565.00											
							Remaining											
							\$41,564.18											
Smart Schools Allocation		\$1,407,121.00																
HUFSD Classroom Technology from SSIP Through the years		\$780,355.00																
St. Pats Allocation		\$101,129.18																
SSIP Money for Capital Projects		\$525,636.82																

FUTURE PLANS FOR SMART SCHOOLS INVESTMENT

Plans are being developed to upgrade security features using the remainder of the SSBA Funds. They will be submitted separately.

Questions or Comments?

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