



Smart Schools Plan

New Paltz Central School District was allocated a total of \$1,325,448 as part of the Smart Schools Bond Act. The purpose of the Smart Schools Bond is to finance educational technology and infrastructure to improve learning for students throughout the State by funding projects to:

1. Install high-speed broadband or wireless internet connectivity;
2. Acquire learning technology devices and equipment, including but not limited to interactive whiteboards, computer servers, and desktop, laptop, and tablet computers;
3. Construct, enhance, and modernize educational facilities to accommodate pre-kindergarten programs and to provide instructional space to replace classroom trailers;
4. Install high-tech security features in school buildings and on school campuses, including but not limited to video surveillance, emergency notification systems, and physical access controls.

Note: These funds may not be used for programs such as professional development, staffing, technology support, software, or subscription services.

In order for the District to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, districts need to possess sufficient connectivity infrastructure to ensure that devices can be used throughout our buildings. New Paltz CSD has vastly improved the wireless infrastructure throughout its buildings through the Capital Project and our wireless connectivity meets the required speed standard through the Smart Schools Bond Act.

Effective plans need to include linkages between the district's long-term educational planning and technology investments (i.e. aligned with our technology plan). The District's plan provides learning opportunities beyond the classroom through the use of technology and address the needs of all students, including students with disabilities, English language learners and those who have not succeeded in traditional classroom settings.

The New Paltz Central School District has identified two clear needs to be addressed in our plan:

1. Classroom technology to start a 1:1 program for students grades 3-12, including devices and interactive whiteboards, and
2. High-tech security features.

Classroom Technology:

Starting with 3rd and 8th grade students, each student and their teachers will receive a Chromebook from the district (on a five year replacement cycle) to be used to address the following goals:

- Increase student learning and support differentiated instruction. Allow teachers to deliver more personalized lessons to students, while allowing them to learn at their own pace and ability level.
- Ensure equal access and learning opportunities for all. Expand learning beyond the classroom.
- Improve communication and collaboration among students, teachers, parents, and the school community.
- Help our students understand the importance of internet safety, digital citizenship, and developing a positive digital footprint.
- Provide more enrichment opportunities for students and help them develop essential problem solving and critical thinking skills.
- Consistency with our district's' vision and encouraging all to be:
 - Citizens of the world
 - Passionate about learning
 - Empowered

Plan:

Beginning during the 2019-2020 school year, every 3rd and 8th grade student and teacher will receive a Chromebook. Each year those students will bring their device to the next grade level and a new group of 3rd and 8th grade students will receive a new device. By 2023-2024, every student and teacher in grades 3-12 will have a device to support their learning. A replacement cycle will be set for every five years so students will receive a new device in 8th grade.

Estimated Classroom Technology Costs for Year 1 (2019-2020):

QTY.	Item Description	Unit Price	Net Cost
350	Lenovo 500e Chromebook - 4GB Touch screen	284.65	99,627.50
350	NPCSD Google Chrome OS Management License	29.00	10,150.00
15	Chromebook Carts	808.70	12,130.50
15	Chromecasts	35.00	525.00
15	Interactive Projectors + Mounting Kits	1700.00	25,500.00
		TOTAL	147,933.00

Address security and safety concerns throughout the District:

This component will be based on a District-wide security assessment by a security consultant.