

**New Calculation Tables on the SSIP to:**

- **calculate and document current and projected School Connectivity and Classroom Technology Speed**
- **calculate districts' required nonpublic loan amount**
- **detail specific planned expenditures' quantities and costs**

**New School Connectivity Speed Calculation Question**

**(in both School Connectivity and Classroom Learning Technology Categories)**

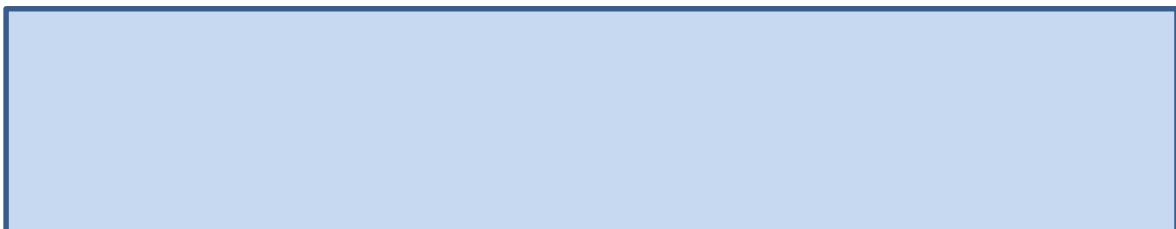
**Q1.** In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:

- sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or
- is a planned use of a portion of Smart Schools Bond Act funds, or
- is under development through another funding source.

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.



## Q2. Connectivity Speed Calculator (Required)

The Smart Schools Bond Act supports school districts' efforts to connect their school buildings to high-speed broadband that enables technology-enabled and digital instruction and learning. Districts can and should use their allocations to equip their classrooms and school buildings with robust broadband infrastructure and bandwidth to sustain their current and projected operational needs and support growing educational demands.

The Federal Communications Commission adopted the Second E-rate Modernization Order in December 2014, which established the minimum speed standard of 100 Mbps per 1,000 students for schools in the United States. To ensure that districts maximize the return on their investment in education technology and devices, Smart Schools Bond Act funds used for technology infrastructure investments must increase the number of school buildings that meet or exceed this standard. **As a precondition to any purchase of devices using a Smart Schools allocation, a district must first demonstrate that it has, or will achieve, such a speed and access at all of its instructional school buildings within 12 months of plan submission, unless an exception to such requirement is otherwise granted by the New York State Education Department in advance of plan submission.**

Districts must complete the Connectivity Speed Calculator to compute what their total connectivity speed should be, based on the number of students multiplied by the 100 Kb per student standard

Connectivity Speed Calculator	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Mb per 1000 Students	Current Speed in Mb per Student	Expected Speed to be Attained Within 12 Months	Expected Date When <u>Required</u> Speed <u>Will</u> be Met
Calculated Speed	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

### **New Nonpublic Classroom Technology Loan Calculation Question** **(in Classroom Learning Technology Category)**

**Q12.** The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of \$250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See:

[http://www.p12.nysed.gov/mgtserv/smart\\_schools/docs/Smart\\_Schools\\_Bond\\_Act\\_Guidance\\_04.27.15\\_Final.pdf](http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf).

All districts with nonpublic students attending school within their boundaries must fill out the following table to determine the required nonpublic Classroom Educational Technology loan amount.

How to Determine Your Nonpublic Loan Amount:

1. Enter your budgeted total sub-allocation for the Classroom Educational Technology category.
2. Enter your total district public school enrollment for 2014-15.
3. Enter the total number of nonpublic students attending any school within your district boundaries for 2014-15. See: [http://www.p12.nysed.gov/mgtserv/smart\\_schools/NP\\_DistOfAttend-2014-15.xlsx](http://www.p12.nysed.gov/mgtserv/smart_schools/NP_DistOfAttend-2014-15.xlsx)
4. Add Columns 2 and 3 together to arrive at your total pupil count.
5. Divide Column 1 by Column 4 to calculate a per-pupil SSBA Classroom Educational Technology amount.
6. Multiply Columns 3 and 5 to derive the total nonpublic loan amount your district must make available to all nonpublic schools within your district.

<b>Nonpublic Loan Calculator</b>	<b>1. Classroom Technology Sub-allocation</b>	<b>2. Public Enrollment (2014-15)</b>	<b>3. Nonpublic Enrollment (2014-15)</b>	<b>4. Sum of Public and Nonpublic Enrollment</b>	<b>5. Total Per Pupil Sub-allocation</b>	<b>6. Total Nonpublic Loan Amount</b>
Calculated Nonpublic Loan Amount	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**New Expenditures Detail Question – All Categories**

To the extent possible, 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 through the SSBA. If you have any questions, please contact us directly through [smartschools@nysed.gov](mailto:smartschools@nysed.gov).**

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

<b>Select the allowable expenditure type.</b> <b>Repeat to add another item under each type.</b>	<b>Item to be purchased</b>	<b>Quantity</b>	<b>Cost per Item</b>	<b>Total Cost</b>
<input type="text" value="Please Select"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Add Row