STATE OF CONNECTICUT
PUBLIC UTILITIES REGULATORY AUTHORITY

Public Educational and Governmental Programming and Education Technology Investment Account (PEGPETIA) Grant Program Application & Itemized Budget

Instructions for Filing a Motion to Apply for a PEGPETIA Grant

Motion Deadline

The Public Utilities Regulatory Authority (Authority or PURA) oversees a program to award Public Educational and Governmental Programming Grants (PEG Grants) and Education Technology Investment Grants (ETI Grants) to eligible entities. See General Statutes § 16-331cc. **This PEGPETIA Grant Program Application must be filed as a motion in Docket No. 26-10-02 no later than noon on November 20, 2026.**

Program Funding Eligibility

PEG grant funding is intended to improve public, educational, and governmental access programming in Connecticut, and funds should be used for capital and equipment costs that aid the production or procurement of public, educational, and governmental programs. To ensure the funding is used appropriately, after completion of the project, PEG grant recipients must file a report of the project enabled by the grant funds.

ETI grant funding is intended to support education technology initiatives of boards of education and other education entities (public and private schools are eligible to apply). To ensure the funding is used appropriately, after completion of the project, ETI grant recipients must file a report of the project enabled by the grant funds.

Submission of Motion

Applicants must complete and file the Application with Itemized Budget electronically to PURA as a motion in Docket No. 26-10-02, at https://portal.ct.gov/pura/about/filing-and-forms/make-an-electronic-filing. Applicants who have not previously registered must first register for an account.

Motions must include an Application and Itemized Budget for the projects to be funded by the grant. Quotes, invoices, or similar documentation must be submitted for each item to be purchased with grant funds.

The motion will be assigned a unique motion number after it is filed. The allowable electronic filing size is 20 MB. If the motion's attachments (Application with Itemized Budget plus other attachments) exceed the allowable limit, the motion may include only the completed Application with Itemized Budget, and the remaining attachments must be filed as supplemental filings to the same motion. Subsequent supplements must also be filed as supplemental filings under the assigned motion number.

Questions regarding the electronic filing of the motion and supplements should be directed to Docket Control at PURA.ExecutiveSecretary.gov or (860) 827-2836.

Docket No. 26-10-02 Newington Public Schools (NPS)

I. Applicant Information

1. Organization Name: Newington Public Schools (NPS)
2. Mailing Address: 200 Garfield Street, Newington CT 06111
3. Employer Identification Number: 06-6002047
4. Contact Person for Service List ***(required)*** ☑ ***(check if new/updated)***

   Name: Michelle Kellogg

   Mailing Address: 200 Garfield Street, Newington CT 06111

   Phone Number: 860-666-5611 ext. 1157

   Email Address: mkellogg@npsct.org
5. Additional Contact Person for Service List ***(optional)*** ☑ ***(check if new/updated)***

   Name: Dr. Maureen Brummett

   Mailing Address: 200 Garfield Street, Newington CT 06111

   Phone Number: (860) 665-8610

   Email Address: mbrummett@npsct.org
6. Authorized Representative ***(required)***

   Note: The authorized representative will not be on the service list unless also listed as a contact person, above.

   Name: Dr. Maureen Brummett

   Mailing Address: 200 Garfield Street, Newington CT 06111

   Phone Number: (860) 665-8610

   Email Address: mbrummett@npsct.org
7. Purpose of Grant (check one):

   ☐ PEG Grant (capital and equipment for producing/procuring programming)

   ☑ ETI Grant (educational technology initiative)
8. Amount Requested: $ $ 14,658.00

   Note: The "Amount Requested" will autocalculate upon completion of the Itemized Budget, below.

II. Applicant Eligibility

9. Organization Type (check one):

PEG (Programming)

☐ Local community antenna television and video advisory council

☐ State-wide video advisory council

☐ Public, educational and governmental programmer

☐ Public, educational and governmental studio operator

ETI (Educational Technology Initiative)

☑ Board of Education

☐ Public library

☐ Other education entity: _____

10. Which of the following describes your organization?

☐ Connecticut State Agency

☑ Municipality

☐ Nonprofit 501(c)(3) organization. Provide Secretary of the State No.: _____

☐ Other (e.g., LLC or corporation). Provide Secretary of the State No.: _____

11. For each of the PEGPETIA Grant cycles below, indicate whether your organization received a grant and submitted all required compliance filings:

Docket No.	Grant Received?	Date of Compliance Filing		
		Order No. 2	Order No. 3	Order No. 4
24-10-02	☐ Yes ☑ No			
23-10-02	☐ Yes ☑ No			
22-10-02	☐ Yes ☑ No			
21-10-13	☐ Yes ☑ No			

Note: If you have received a grant in any of the dockets listed above, you must submit any outstanding compliance filings prior to submitting this application.

III. Investment or Initiative Eligibility

12. Provide a description of proposed capital and equipment investment or education technology initiative. State expected enhancements to PEG programming or education technology. If applicable, state why similar equipment is not available from the local community access studio (PEG only).

Newington Public Schools (NPS) operates two established engineering and aerospace academies that incorporate hands-on engineering, computer-aided design (CAD), and 3D printing into their curricula. The Academy of Aerospace and Engineering at John Wallace Middle School serves 50 students in grades 7–8, with 25 students per grade. Students develop foundational 3D modeling skills using Tinkercad, a web-based platform that allows students to create and modify digital 3D models for printing. They apply these skills to design projects, including creating and printing different airfoil and wing configurations to explore aerodynamics.

The Aerospace and Engineering Academy at Newington High School serves students in grades 9–12, with approximately 75 students enrolled across its courses. Projects include designing and producing prototypes, creating custom components for automata toys, manufacturing parts for VEX robotics, and developing airfoils and model rocket components for testing.

The district currently has six 3D printers, three at each school. The middle school's printers have been in service for approximately 11 years, while the high school's three MakerBot Replicator+ printers are estimated to be about 9 years old. Aging equipment has resulted in increasing maintenance needs, hardware and software issues, slow print times, and frequent failed prints. These limitations have reduced educators' ability to incorporate 3D printing into instruction and prevent students from consistently producing and testing their designs within instructional time.

NPS proposes replacing its six aging printers with six Bambu Lab P2S Combo 3D Printers and purchasing four HP ProBook 4 laptops as dedicated printing workstations, along with 48 kg of Bambu Lab PLA Basic filament with reusable spools in an assortment of colors to support a variety of student design and fabrication projects.

The new printers will provide significantly faster print speeds, automated calibration, improved reliability, and expanded material capabilities, including support for functional engineering components. These improvements will reduce failed prints, minimize instructional disruptions, and allow students to prototype and refine their designs more efficiently. The dedicated workstations will support CAD file preparation and printer management, allowing students to move from digital designs to physical production.

This investment will strengthen existing engineering and aerospace programming at both schools by providing students with more consistent opportunities to design, produce, test, and refine physical prototypes. Students will further develop technical proficiency, spatial reasoning, problem-solving, and interactive design skills through direct application of classroom concepts.

13. Identify the affected geographical area(s) and/or school system(s) that will benefit from the investment or initiative:

This investment will benefit the students of John Wallace Middle School and Newington High School, both part of Newington Public Schools located in Newington, CT.

14. State the number of subscribers served or students impacted:

NPS expects at least 125 students to be served by the proposed investment.

15. List the schedule for implementation, including estimated dates for key milestones and completion.

Note: Completed projects are not eligible.

June 2027: Program Kickoff and Equipment Procurement: Upon receipt of grant funding, NPS will initiate procurement of six (6) Bambu Lab P2S Combo 3D Printers, four (4) HP ProBook 4 laptops configured as dedicated 3D printing workstations, and 48 kg of Bambu Lab PLA Basic filament with reusable spools at John Wallace Middle School and Newington High School.

July–August 2027: Equipment Installation and Preparation: All equipment will be delivered, installed, and configured prior to the start of the 2027-2028 school year. Dedicated 3D printing workstations will be equipped with necessary slicing software (Bambu Studio) to facilitate the conversion of student-designed 3D models into printer-ready files. Teachers will prepare the equipment and digital workflow for classroom integration.

September 2027–April 2028: Classroom Implementation & Student Project Development: Students at both schools will continue incorporating 3D printing into their existing engineering and aerospace coursework, using the new equipment to develop digital designs, create physical prototypes, and complete hands-on projects.

May 2028: Project Evaluation & Final Reporting: District educators and administrators will review equipment utilization, student participation, completed student projects, and educator feedback to assess the investment's impact on classroom instruction and hands-on STEM learning. Findings will be evaluated against the established performance measures and included in the grant's final report.

16. Identify objective performance measures that can be used to evaluate the success or effectiveness of the investment or initiative:

NPS proposes the following measurable outcomes to evaluate the success of this investment:
1. Serve approximately 125 students annually across both schools.
2. Purchase and install six (6) 3D printers, four (4) dedicated workstations, and 48 kg of filament before the 2027-28 school year.
3. Complete at least 50 student-designed 3D-printed artifacts between September 2027 and April 2028.
4. Continue integrating 3D printing into at least four engineering and aerospace courses.
5. Track print success rates, equipment downtime, and maintenance needs to evaluate equipment reliability.

17. Description of organization, including experience and competence related to the proposed project:

Newington Public Schools has a strong track record of successfully administering federal, state, and private grant-funded projects. Examples include multiple Connecticut State Department of Education (CSDE) awards supporting various programming, including its credit-recovery program, and legislatively secured funding from the CT Department of Public Health to support its school-based health center.

The district also brings approximately 10 years of experience implementing and sustaining 3D printing instruction across its middle and high school engineering and aerospace programs. During this time, educators have developed and maintained curriculum-integrated projects that require students to independently identify design needs, create digital models, produce functional components, and evaluate their results. This sustained use demonstrates that the district has the technical knowledge, instructional experience, and established infrastructure necessary to put the proposed equipment into immediate use. With experienced educators, established coursework, and demonstrated student applications, NPS is well-positioned to successfully implement the proposed improvement.

IV. Budget Information

18. Partner organization(s) or other funding sources (if applicable):
N/A

19. Have you completed the PEGPETIA Itemized Budget form below (with an itemized budget for the investment or initiative)?

☑ Yes.

☐ No. Explain:

20. Have you provided supporting documentation for each item, such as copies of bids, estimates, and quotes?

☑ Yes.

☐ No. Explain:

21. Are the non-equipment costs for design and engineering, installation, training, and warranties/insurance less than 10% of the overall grant request?

Note: Software may be categorized as equipment. Other non-equipment expenses (such as salaries, service agreements, or stipends) are not permitted as part of the grant request.

☑ Yes.

☐ No. Explain:

V. PEG Grant CAP Acknowledgment

22. **For PEG Grant Applicants Only:** The Applicant understands that it must review and comply with the relevant community access provider operating rules and regulations, including the prohibition of the presentation of any advertising material designed to promote the sale of commercial products or services (including advertising by or on behalf of candidates for public office). The Applicant further acknowledges that no organization or company providing community access operations shall exercise editorial control over programming, except as to programming that is obscene and except as otherwise allowed by applicable state and federal law.

☑ Yes.

☐ No.

VI. Signature of Authorized Representative

I, Maureen Brummett, am authorized to sign this application on behalf of the applicant organization. Under the penalty of law, by signing this application, I affirm that the information provided to the Authority is true and correct to the best of my knowledge and that any errors of omissions will be timely corrected and resubmitted.

I understand that grant funding may be denied due to failure to provide the information and supporting documentation required by this Application.

(Signature) *(Date)* 11/19/24

STATE OF CONNECTICUT
PUBLIC UTILITIES REGULATORY AUTHORITY

PEGPETIA ITEMIZED BUDGET

Instructions

Required Information

You must provide this itemized budget for the capital and equipment investment or education technology initiative proposed in your application. For each expense, you must provide the following information:

(1) Name of expense

(2) Total amount of expense (unit cost x quantity)

(3) Brief description

(4) Quantity requested

(5) Unit price

(6) A copy of a bid, estimate, or similar documentation; and

(7) Type of cost (equipment, design, engineering, installation, training, warranty, insurance, other)

For each expense listed, you must attach a copy of the bid, estimate, or similar documentation.

Note: The Authority cannot accept links to online vendors as documentation of expenses. You may, however, attach saved or printed copies of equipment listed for sale with online vendors as documentation.

Types of Costs

Non-equipment costs (such as design, engineering, installation, training, warranties, or insurance) must be reasonable and should be limited to less than 10% of the overall grant. Other non-equipment expenses (such as salaries, service agreements, or stipends) are not permitted as part of the grant request.

Note: Software may be categorized as equipment.

I. Applicant Information

1. Organization Name: Newington Public Schools (NPS)
2. Docket Number: 26-10-02
3. Docket Name: Annual Allocation of the Public Educational and Governmental Programming and Education Technology Investment Account

II. Budget Template

Expense	Amount	Description	Quantity	Unit Price	Bid/ Estimate Attached	Type of Cost
(Example) Studio Camera	$ 1,400.00	(Example) Make, Model No. XYZ123, Qty 4, Unit Price $350	4	$350/each	✓	Equipment
(Example) Camera Install	$ 175.00	(Example) Installation of all cameras, connection to existing studio setup, and training personnel	1	$175	✓	Installation
3D Printers	$ 4,494.00	Six (6) BambuLab P2S Combo 3D Printers	6	$749	✔	Equipmen
Laptops	$ 9,300.00	Four (4) HP ProBook 4 G2i 14 inch Notebook Next Gen Lap	4	$2,325	✔	Equipmen
Basic Filament	$ 864.00	Bambu Lab PLA Basic Filament with Spools	48	$17.99	✔	Equipmen
Total Amount:	14,658.0					

Expense	Amount	Description	Quantity	Unit Price	Bid/ Estimate Attached	Type of Cost
Total Amount:	14,658.0					

Signature of Authorized Representative

I, Maureen Brummett, am authorized to sign this itemized budget on behalf of the applicant organization. Under the penalty of law, by signing this document, I affirm that the information provided to the Authority is true and correct to the best of my knowledge and that any errors of omissions will be timely corrected and resubmitted.

I understand that grant funding may be denied due to failure to provide the information and supporting documentation required by the application.

(Signature) 12/11/26 (Date)

CT Public Utilities Regulatory Authority (PURA)
Public Education and Governmental Programming and Educational Technology Investment Account (PEGPETIA) Grant Program

Newington Public Schools - Quotes for Proposed Investment

The equipment estimates included with this application reflect the manufacturers' full listed retail prices (MSRP), rather than temporary promotional or holiday sale prices. This approach provides a reliable basis for budgeting, as the district anticipates purchasing the equipment in June 2027, when current promotional pricing may no longer be available. Should lower pricing or volume discounts be available at the time of purchase, Newington Public Schools will use the resulting savings to purchase additional quantities of the approved equipment, maximizing the impact of the grant award.

NPS can also scale the project to accommodate a reduced award amount by adjusting equipment and supply quantities while maintaining the initiative's core objectives. The district is committed to implementing the project at the funding level awarded.

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HOLIDAY KICKOFF Shop Deals

Get it **tomorrow, Nov 18** with **Free Expedited Shipping** on most orders to New Britain, CT | Extended Returns through **Feb 1, 2027** | **NYC SuperStore Pickup** within **30 mins**

Home > Computers > Printers > 3D Printers & Accessories > 3D Printers > Bambu Lab P2S

Bambu Lab P2S 3D Printer Combo with AMS 2 Pro

BH #BAPF004USA71 • MFR #PF004-U+SA007-US1 | ★★★★★ 39 reviews | 4 Questions, 4 Answers | Share | Print

Bambu Lab Authorized Dealer











Compare

Top Seller

In Stock | No Store Display

$649.00 ~~$749.00~~

Holiday Savings $100.00

Save the Tax‡

or Pay **$55/mo.** suggested payments for 12 Mos.§ when you use the **Payboo** credit card. Learn More

Pay in 4 interest-free payments of $162.25 with **PayPal**. Learn more

1 | Add to Cart

Free Delivery: **Tomorrow, Nov 18** to New Britain, CT

Express NYC Store Pickup Expected in 30 mins

Extended Returns
Return this item **thru Feb 01, 2027**

See Deta

Protect Your Gear
Add a protection plan from **$49.99**

See Options >

Key Features

- FDM Printing Technology
- Enclosed Heated Chamber
- Includes 0.4mm Nozzle
- 5" Touchscreen

Show More

With a fully upgraded 5" touchscreen and powerful processor, the **Bambu Lab P2S 3D Printer Combo with AMS 2 Pro** features a 2nd-gen intuitive UI, complete with smooth interactions, rich graphics, and clear step-by-step instructions. The P2S introduces advanced AI error detection that actively

More Details

Configuration

Printer Only | Printer + AMS 2 Pro



Get expert holiday help!
Chat | Request Callback | Email | 800-606-6969

Feedback

Bambu Lab P2S Overview

*With a fully upgraded 5" touchscreen and powerful processor, the **Bambu Lab P2S 3D Printer Combo with AMS 2 Pro** features a 2nd-gen intuitive UI, complete with smooth interactions, rich graphics, and clear step-by-step instructions. The P2S introduces advanced AI error detection that actively monitors for common 3D printing issues such as spaghetti and nozzle blobbing. It also checks print start settings, ensuring a safe and accurate start to every print job.*

The P2S Combo comes with the AMS (Automatic Material System) 2 Pro, which stores four filaments and allows for multi-color 3D printing. The AMS 2 Pro features enhanced air-tight filament storage and an electromagnetic air vent that supports fast filament drying. It dries filament 30% faster than sealed heating, maintaining low humidity for improved storage and print quality. The AMS 2 Pro can be serially connected with three others and eight AMS HT units for 24 filament/multi-material printing.

Built-In 2-in-1 Buffer

Effortlessly switch between your included AMS 2 Pro and external filament spools for maximum flexibility.

Flat Base Plate

The smooth, flat surface makes it easy to wipe off residue and keep your printer clean.

Integrated Lift Handles

Designed for safe transport, the sturdy integrated handles protect your hands and provide a secure grip when moving the printer.

Shatter-Safe Front Glass

The front glass is protected by a film to resist shattering, protecting you and your workspace.

EAN: 6937285508393

Items Included

- ✓ Bambu Lab P2S 3D Printer Combo with AMS 2 Pro
- ✓ AMS 2 Pro (Combo Version)
- ✓ Filament Buffer (Combo Version)
- ✓ Bambu Textured PEI Build Plate
- ✓ Accessory Box
- ✓ Spool Holder
- ✓ Limited 1-Year Manufacturer Warranty

Not Included

- × Essential ABS Filaments
- × Essential PLA Filament

Additional Resources

Quickstart Guide
14.8 MB

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Save up to 58% on select products.

4.3 (4)

BUSINESS

HP ProBook 4 G2i 14 inch Notebook Next Gen AI PC with 3 Yr Wolf Pro Security

Copilot+ PC

MSRP ~~$2,325.00~~

$1,249.00

46% OFF **YOU SAVE $1,076.00**

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IN STOCK



1/7

Other offers available with the product:

FREE Storewide Shipping | Creative tools for just $129.99! | Maximize the dollars that you spend with HP | Financing options available for all credit scores | Exclusive discounts with HP Business Club | Black Friday Sale | Extra $30 off select printers with any PC

Add to compare Product # DC5K3UA#ABA

3% back in HP Rewards | Sustainability features

Screen Size

14" | 16"

YOUR CONFIGURATION

*Price and promotions vary depending on selected configuration.

Operating system

Windows 11 Pro

Processor

Intel® Core™ Ultra 5 325 4.5 GHz | Intel® Core™ Ultra 7 355 4.7 GHz

Memory

16 GB DDR5-5600 MT/s (1 x 16 GB) | 32 GB DDR5-5600 MT/s (1 x 32 GB)

Internal storage

1 TB PCIe® NVMe™ M.2 SSD | 256 GB PCIe® NVMe™ M.2 SSD | 512 GB PCIe® NVMe™ M.2 SSD

Display

14" diagonal WUXGA display | 14" diagonal WUXGA Touch screen display

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Add an HP Care Pack to protect your new device **COMPARE**

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- Remote problem diagnosis and support
- Onsite repair or replacement, anywhere work happens

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3 years predictive AI-powered insights and proactive, onsite support
MSRP **$202.00**

- Predictive AI-powered insights and proactive onsite support
- End user alerts and automated IT ticketing
- Remote problem diagnosis and support
- Onsite repair or replacement, anywhere work happens

Premium+
3 years predictive AI-powered insights, proactive, onsite support and preferred access
MSRP **$249.00**

- Predictive AI-powered insights and proactive onsite support
- End user alerts and automated IT ticketing



PLA Basic

43 colors

Selected: Jade White (10100) / Filament with spool / 1kg × 1

$11.69 /roll (Lowest price for 10+ rolls)

MSRP: $17.99

Free Gift

Mix & Match for max savings.

Add more

2 pcs | Add to Cart | Buy Now | 10 pcs

$19.69 10% OFF | $15.29 15% OFF Free Shipping | $13.49 25% OFF | $11.69 35% OFF

Earn 18 Bambu Credits with this purchase

Pay in 4 interest-free payments of $4.50 with PayPal. Learn more

4 payments at 0% interest with Klarna Check purchase power

Need to Know

Product Features

- Easy to Print & Beginner Friendly
- Smooth Surface Finish...

Order Info

- Free shipping on orders over $59 (excludes Printers, AMS, and Smoke Purifier).
- Free shipping on orders over $199 to remote areas, including Alaska, Hawaii, Puerto Rico, Guam, the Northern Mariana Islands, and American Samoa (excludes Printers, AMS, and Smo...

Service

Free Shipping on Eligible Orders
30-Day Returns

Payment

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33% off
Bambu Reusable Spool
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20% off
Support for PLA/PETG
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30% off
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Overview Download Printing Tips

PLA Basic

Stand Out, Never Dull