



LEVITTOWN PUBLIC LIBRARY
Growing with Our Community

Levittown Public Library

Technology Plan

2027-2032

CONTENTS

Mission Statement	Page 1
Vision Statement	Page 1
Technology Center Staff	Page 1
Current State and Assessment	Page 2-3
Objectives and Actions	Page 4-5

Mission Statement

The mission of the Levittown Public Library is to create a compelling learning environment by providing extensive instructional, cultural, recreational, and educational resources for people of all ages.

Vision Statement

Our vision is to ensure that the core mission of the Levittown Public Library to our community is continually realized and assured through the practical yet engaging use of technology. We embrace that the ever-accelerating age of information has created an unprecedented need for technological literacy and that the Levittown Public Library is uniquely positioned to serve as a conduit to the evolving digital world for the community we serve. We are driven to empower our staff and patrons by placing the latest tools within reach for this shared journey into the future.

Technology Center Staff

This technology plan has been sanctioned and will be overseen by the Director of the Levittown Public Library and the Board of Trustees. The Technology Center department staff will carry it out, led by the Technology Center Department Head and Assistant Head, with support from IT Specialists, Librarians, and part-time clerks. The Technology Center staff maintains consistent communication regarding ongoing projects, daily troubleshooting issues, patron assistance, and IT support coverage. The Technology Center staff meets regularly and will continue to do so while also reporting to the Director and Assistant Director on the status of projects, objectives, and requisite action steps.

Current State and Assessment

1. **Computer Networks.** NLS provides the Levittown Public Library's main network, including a Cisco core router, numerous Cisco Meraki and Catalyst Series switches, and cabling infrastructure. NLS hosts the Sierra integrated library system software, which enables the library to process library materials, circulate materials, and coordinate these services with other NLS member libraries. Additionally, NLS hosts and supports the Smart Money Manager payment processing software, enabling patrons to pay fines by credit card and allowing the library to recoup those expenses. Hosting for the library website is provided by the Nassau Library System. Renaissance Web Solutions designed the website and makes major structural changes. Edits and updates to the site are conducted by the Levittown Public Library's IT group. A reference librarian currently oversees the database portion of the library website, and the Reference, Teens, Children's, and Public Relations Departments contribute portions of the website, social media, and Robly email notifications. Public internet connectivity, managed by the Library's IT group, is provided by Optimum Online and kept separate from the Library's main network for security purposes. The Library Ground, Library Main, and Community Room WiFi networks are broadcast through high-availability Cisco Meraki access points on Optimum Online connections.
2. **Public Internet Workstations.** *Pharos*, acquired from and supported by TracSystems, helps staff manage patron internet sessions and print jobs. It allows Nassau library patrons to use their library card to sign in on our public internet computers and add funds to their library accounts, which can be used to pay for print jobs. Patrons without a Nassau library card may request a staff member to log them in with a guest card, or purchase a guest card patrons can keep for future use if they need to print.

- 3. Innovation Station.** The Innovation Station gives patrons hands-on experience with the latest DIY technologies. It has been established to support the library's mission of providing access to a wide range of technological resources by offering patrons opportunities to design projects, collaborate with others, and gain practical experience with new technologies. The Innovation Station emphasizes new technology used for creativity and fabrication. Our current offerings include 3D printers, laser engravers, cutting machines, robotics, computer programming, digital design, cooking, and sewing equipment. Patrons can book an appointment to use the equipment and receive instruction from a staff member.
- 4. Library of Things.** The Library of Things expands the borrowing collection of the Levittown Public Library to include a wide variety of tools, toys, and technologies. These items include technological resources that may be cost-prohibitive or otherwise hard to come by for members of the community, such as STEM kits for children, power tools, and equipment used for digitizing old media, among other things.

Objectives and Actions

- **Multimaterial 3D Printing.** Technology Center staff have been interested in multimaterial 3D printing, which enables a range of applications, including multicolored prints. However, we have not adopted this technology to date due to the significant material waste it can generate and the increased maintenance it requires. The upcoming [Bondtech INDX](#) upgrade for our Prusa printers is expected to address many of these limitations. We will monitor the announced pricing and read reviews once they become available before deciding whether to implement this upgrade.
- **DTF Transfer printing.** Direct-to-film (DTF) printing allows users to transfer virtually any digital design onto a T-shirt or other garment. Unlike our sublimation printer, DTF printers use white ink, enabling designs to be heat-pressed onto a wide range of fabric types and colors.
- **3D scanning.** Patrons frequently request 3D scanning technology to replicate or replace various objects they own. Many assume we already offer this capability because we have 3D printers. At present, 3D scanners capable of producing the level of detail required for high-quality 3D printing are well beyond our current budget. More affordable scanners do not generate models with sufficient detail for reliable printing and typically require extensive post-processing and technical expertise to achieve usable results. There is no doubt that the technology will improve and become more affordable over time. Technology Center staff will continue to monitor the progress of the developments in 3D scanning, such as software applications and AI services, and will consider adding this capability once it becomes financially and operationally viable.

- **ADA-Compliant Computer Workstations.** We will add an ADA-compliant computer workstation with accessibility hardware and software, including, but not limited to, magnification, screen-reading software, and a height-adjustable desk.
- **Upgrade patron computer workstations.** The current 17 computer workstations available to the public (10 in the Computer lab, 5 in Reference, 2 in Teens) have been in operation for more than 5 years. They will be replaced to better accommodate the technological needs of the community we serve. Based on the annual budget, we plan to replace 5 public computers in the 1st year, 5 in the 2nd year, 5 in the 3rd year, and 2 in the 4th year. This cycle of upgrades will be repeated every 6 years when the warranty ends.
- **Children Department's switch to all AWE computers.** Since the school district provides Chromebooks to students, we will replace the 2 public PCs in the Children Department with AWE computers that provide age-appropriate content in English and Spanish. This will bring us up to a total of 7 highly used AWE computers.
- **Upgrade to staff computers.** With Windows 10 reaching end of life and no longer receiving updates, any remaining staff computers that are not compatible with Windows 11 will be replaced to ensure that all our staff computers continue to receive crucial security updates. The number of computers to be replaced depends on the remaining budget after the public computer upgrades during the first 4 years, and the 5th year's budget will be entirely allocated to staff computer upgrades.