

The Verizon Guide to E-Rate



You are investing in student success by developing progressive learning approaches that provide real-world skills. You are redesigning learning spaces to accommodate more immersive, hands-on activities leading to competency-based education. It is absolutely critical to provide ubiquitous access to digital tools to advance online learning capabilities for students to create and take ownership of their education.

You know how to run your educational institution, and you need to remain focused on your growth. Student success requires innovative technology solutions that enable active learning in the classroom and beyond.

The reality: The growing demands of mobility, security, hardware and app performance mean you're doing well just to keep your head above water. To keep up, you need a trusted partner to provide the connection you need to drive better results.

At Verizon, we understand procurement processes. We also have one of the fastest and most powerful networks, backed by industry-leading security expertise. We can help you create a prosperous and secure educational environment.

Top 5 challenges in K-12

- **Making your budget stretch.** K-12 schools are under constant pressure to do more with less. Providing a quality education costs money – especially when you're under pressure to invest in new technologies and offer the latest learning tools. It's a real struggle for some schools to make their budget address all that needs to be done. How can you make your dollar go further and provide a great learning environment for students?
- **Maintaining the safety of your school premises.** The physical safety of your students and staff will always be a top priority. Today's staff and teachers have a heightened awareness of safety issues and often undergo rigorous training but, they can't keep an eye on all things at once. How do you promote the safety of your premises, protecting your school from both physical and digital threats?
- **Keeping your school data secure.** As K-12 schools rely more heavily on technology and digital learning materials, they're becoming increasingly popular targets of cyberattacks. Cybercriminals may be after your students' grades, test questions, employee records or W-2 information. Their motives may be financial or personal; but, any kind of data breach is costly and could permanently damage trust in your school.
- **Empowering your students with digital learning.** Today's students are citizens of the digital world – and technology can equip them with the skills they need for future success. Most K-12 schools are transitioning to digital textbooks and learning materials. But these tools are only effective if you have the right IT infrastructure and reliable internet connections. Slow connectivity in the classroom is frustrating for both teachers and students, and can disrupt the entire learning experience.
- **Helping teachers, parents and students communicate.** Students, parents and teachers need effective ways of communicating both inside and outside the classroom. This is key to building strong relationships, tracking student progress and working together towards your common goals. Not only is effective communication an essential part of learning, it's also important for addressing any issues that arise with students or the school.



Partner with a service provider experienced in education.

We are committed to supporting education and are proud to bring our solutions and expertise to address your district's technological needs.

- Since 2012, we have been working to help foster digital inclusion through a transformative program called Verizon Innovative Learning.
- We've been recognized by Gartner as a leading Network Services vendor (again).
- Our experienced and knowledgeable education specialists can partner with you as trusted advisors every step of the way to make sure we understand your district's needs in order to implement the right innovative solutions that enable student success.

E-rate overview

The Schools and Libraries (E-rate) Program provides discounts to assist eligible schools and libraries to obtain affordable internet access and telecommunications services. E-rate funds the following service types:

- Data transmission services and/or internet access
- Internal connections
- Managed internal broadband services
- Basic maintenance of internal connections

Discounts range from 20-90% of the costs of eligible services, depending on the level of poverty and the urban/rural status at the school district level. Eligible schools, school districts and libraries may apply individually or as part of a consortium. As of funding year (FY) 2019, voice services are no longer eligible.

Reminder: For the latest E-rate updates, please [click here](#) for details.

E-rate eligible services list (ESL)

Below is a summary of eligible services through the USAC E-rate program.

Reminder: For the latest ESL list via USAC, please [click here](#).

Category 1

Includes the services needed to support broadband connectivity to schools and libraries. This category consists of the services that provide broadband to eligible locations, including data links that connect multiple points, services used to connect eligible locations to the internet, and services that provide basic conduit access to the internet.

Category 1 services include:

Asynchronous Transfer Mode (ATM)	Broadband over Power Lines	Cable Modem
Digital Subscriber Line (DSL)	DS-1 (T-1), DS-3 (T-3), and Fractional T-1 or T-3	Ethernet
Integrated Services Digital Network (ISDN) Note: Dedicated voice channels on an ISDN circuit are no longer eligible.	Leased Lit Fiber	Leased Dark Fiber (including dark fiber indefeasible rights of use (IRUs) for a set term)
Self-Provisioned Broadband Networks (applicant owned and operated networks)	Frame Relay	Multi-Protocol Label Switching (MPLS)
OC-1, OC-3, OC-12, OC-n	Satellite	Switched Multimegabit Data Service
Telephone dial-up	Wireless (e.g., microwave)	

Category 2

Includes the internal connections needed for broadband connectivity within schools and libraries. Support is limited to the internal connections necessary to bring broadband into, and provide it throughout, schools and libraries. These are broadband connections used for educational purposes within, between or among instructional buildings that comprise a school campus (as defined below in the section titled “Eligibility Explanations for Certain Category 1 and Category 2 Services”) or library branch, and basic maintenance of these connections, as well as services that manage and operate owned or leased broadband internal connections (e.g., managed internal broadband services or managed Wi-Fi). Category 2 support is subject to per-school or per-library budgets as set forth in 47 CFR § 54.502.

Category 2 services include:

Antennas, connectors, and related components used for internal broadband connections	Software supporting the components on this list used to distribute high-speed broadband throughout school buildings and libraries (applicants should request software in the same category as the associated service being obtained or installed)	Access points used in a local area network (LAN) or wireless local area network (WLAN) environment (such as wireless access points)
Firewall services and firewall components separate from basic firewall protection provided as a standard component of a vendor's Internet access service	Uninterruptible Power Supply (UPS)/ Battery Backup	Routers, Switches, Racks, Cabling, Caching and Wireless Control systems

E-rate timeline

To help you manage the process year round, manage deadlines and document work to stay ahead of the game and keep E-rate funds flowing, below is an overview of the timeline. Reminder: For the latest E-rate timeline, please click [here](#) for details.

Task	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Technology assessment for upcoming year												
Bidding process - Filing for 470*												
Funding process - Filing for 471**												
Funding commitment letter												
Service implementation - Form 486												
Receive eligible discounts												

*These dates are estimates. In order to derive the 470 deadline, the applicant must count backward 28 calendar days from form 471 deadline. **FCC announces Form 471 filing deadline each fall.

Why Verizon to empower your schools?

At Verizon, we work relentlessly to understand customers' needs. We reach across divisions and silos, helping school districts at every step apply tomorrow's technology solutions to today's most pressing challenges.

We live for this – teaming with organizations of all types and sizes to deliver transformative change, and make innovation an integral part of their operations.

Our goal is to deliver the promise of the digital world by enabling students, school districts and society to innovate and drive positive change. When our mission aligns with our client's mission, amazing things happen.

School districts choose to partner with Verizon because we possess the right technology and expertise to transform their departments, helping them move from legacy analog organizations to nimble, digital disruptors. Our customers think of us as a critical technology partner. Let us show you why.

Let's talk.

For sales and product information:

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- Phone: 1-855-343-7283, Hours: 8 a.m. - 6 p.m. EST

External E-rate resources:

- Application process
- Deadline and extension
- Eligible Services List
- Program Forms
- FRN Status
- Invoicing & Disbursement



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