



The Ultimate Edtech Grant Writing Guide and List of Grants

2019 - 2020 Full Edition

Introduction

Dear Educator,

Technology use is rapidly growing across classrooms worldwide. In a recent study conducted by [Cambridge International](#) surveying 100 countries, almost half of students worldwide reported using computers in their classroom. This number is significant. With greater access to desktops, laptops, tablets and smartphones comes the incredible opportunity to implement exciting curricular educational technology programs that combines with the hardware.

If you have struggled with traditional funding within your school or district, you're not alone. A report released by [EdMarket Brief](#) reports that most school districts spend their budgets on operational costs, including salaries and facility upkeep. Unfortunately this means that per-student spending has declined. Things like textbooks and subscription services often are the first to be cut.

However, funding goes beyond the brick and mortar walls of your school or district, and many organizations exist to incentivize innovative learning, particularly in the areas of science, technology, math and science (STEM). These organizations prioritize funding schools who may be at a disadvantage fiscally and financially reward both educators and students who can demonstrate both a need and a will to succeed with their innovative learning technology goals.

In this guide, you will find a number of resources to help you crack the code on understanding how education technology grants work, including:

Where To Look For Grants

Knowing where to look for your grants is the first step. Our first section will help you find where to look for funding.

Grant Writing Best Practices

In this section, we help you understand the best ways to structure your grant to help set you up for success.

List of Education Technology Grants 2019-2020

We've done the work for you and compiled a comprehensive list of the top 25 education technology grants that you can apply for this year.

Applying for Grants with SAM Labs

Thinking of applying for SAM Labs STEAM or Learn to Code kits? This section helps you put it all together.

We hope this helps!

The SAM Labs Team

Table of Contents

Where to Look for Grants	4
Grant Writing Best Practices	6
List of Education Technology Grants 2019-2020	8
Applying for Grants for SAM Labs	15
About SAM Labs	18



Where to Look for Grants and Resources

Narrowing down your search for grants will help you divide and conquer your efforts instead of getting frustrated by all the options around you that may keep falling flat. There are two main places to look for funding to begin your search.

Regionally

Regional grants are a great option for classrooms, schools or districts who are looking to work closely with their local communities, governments, businesses or other organizations. These funding opportunities are often smaller, but provide an opportunity to work closer together with the donor. The criteria for funding may also be less strict or competitive to national grants, so funding opportunities may be tailored to your school's needs.

Some of these opportunities may not always be routinely listed online, so getting involved in organizations and networking with people in your local community may be required to find more information on the opportunity.

Examples of where to find funding may include:

1. Local grants, such as PTAs, Lions Clubs or Elk Lodges or donations through small businesses
2. Regional non-profits or municipal community foundations that cater to local your area
3. Local faith-based organizations that give donations or money towards projects

For a comprehensive list of regional opportunities by state, visit [The Grantsmanship Center](#).



Nationally

If you're dreaming of a larger-scale project and can clearly identify your goals and outcomes, a national grant may be for your school. There are a surprising number of opportunities available for classrooms, schools and districts to fund their education technology programs, especially geared towards students that may be set at a disadvantage for one reason or another. This is great news for educators who may have some tools ready to get projects started but require more to fully realize their project's potential.

Looking nationally comes primarily in two key places:

1. Foundations and nonprofits dedicated to routinely awarding money to helping schools across the United States
2. Companies that hold a charitable arm and give money towards school and classroom initiatives

National grants tend to be larger sums of money, but they often come at a higher investment to grant writers. Applications may be longer and the criteria may also be more strict. Don't let the applications get you down, though. With great grant writing structure and technique, you'll be able to communicate your goals and ask for what you and your students need, and we go through this with you in our next section.

Grant writing best practices

Writing a winning grant application is the key to success. By following these simple steps and outlining your request, you'll be on your way to receiving funds faster.

1. Statement of Problem and Needs

Stating your problem or need is critical for grant applicants, and it's important to make sure that your problem or need is clear, concise and also aligned to the criteria of the grant. Make sure that you've thoroughly reviewed the requirements before writing your problem statement. Some grants are tailored to STEM initiatives or to push awareness of issues related to economic divide. If your needs do not align immediately in the beginning, the chances are that organizations are not likely to continue reading the rest of your application.

Always start with an **issue** and end with a **problem statement**.

For example: *"The issue in my school is that students are struggling with computational-thinking skills and are disengaged with their current pen-and-paper curricular methods."*

2. Description of How You Will Use the Money

Describing how you will use the funds received from the grant is also crucial. Some of the ways that you can support your problem statement with your description is through the use of:

- Statistics, percentages or facts
For example: *"According to data from the US census and our free and reduced lunch program, 40% of the students in my district live in poverty. This not only affects their ability to stay engaged with typical classroom activities, but affects the district's overall funding sources from the community."*
- Pedagogy or theory
For example: *"STEM is a critical pedagogy that we should be teaching to our students today, and our current curriculum is not supplying enough hands-on opportunities for this. These funds will pair perfectly with my intended educational technology tool in supporting proper STEM theory best practices, including inquiry-based learning, self-efficacy in STEM, solving complex problems, and strengthening their social-emotional skills (persistence, resiliency, creativity, problem-solving and collaboration)."*
- Demonstrated project success prior and sample lesson or implementation plans
For example: *"I have already been using this educational technology tool with a small subset of my students and have seen incredible results. With my learners, I have seen an increase in engagement, a better understanding of environmental science subject matter demonstrated physically by use of the product and general excitement to keep coming to class and partake in the lessons."*

3. Outlining Your Costs and Duration of Project

Understanding the rules around how the funds can be used is also important. Some funds cannot be used in certain ways, such as for travel or staff salaries. It's important to break down clearly how you will spend your funds, but not go overboard with your explanation. State exactly what you plan to purchase and how much it will cost you.

In addition to your costs, you should mention how long you intend to implement your project. This is especially important if you are looking to extend your project over a period of time the grant may require you to meet specific deadlines.

Lastly, if you have funds coming from outside sources beyond the grant, make sure that you explain where your external sources are coming from.

For example: *"I have generously received preliminary funds from our school PTA to allow a small scale implementation with 12 of my students. The PTA does not have future plans to be able to continue funding."*

4. Explaining Your Goals

Many grants will ask you to highlight the goals you intend to achieve both during and at the end of your grant cycle. Goals are entirely up to you, but they should generally loop back to solve your problem statement.

For example: *"It is my goal to work with the rest of the educators in my department to bring this STEM curriculum to every student and give each of them the chance to have a robust, inquiry-based education at my school. These funds would help me achieve giving every learner this opportunity."*

5. Giving Examples

This section is entirely up to you and depends on the audience awarding the grant, but including any sample work or anecdotes from students or educators who have completed your initial program or endorse your work may be valuable to show support in pushing the grant further. Showing support from every angle shows validity and that you aren't going at this project alone.

Now that you have a structure and an idea in mind of what you'd like to implement, it's time to figure out where to find your funds! Read on in the next section for our list of the top 25 places to find grants and funding for the 2019-2020 school year.



List of Education Technology Grants

1. [Community Action Grant](#)

Thinking about trying to excite girls in your schools about the power of STEM? The Community Action Grant sponsored by the AAUW is an incredible funding opportunity focusing on the needs of girls and women and prioritizes grant requests that propose projects that can help educate the community on those issues. Proposals that incorporate women and girls' achievement in science, math and technology are also preferred.

Deadline: Rolling
Region: Nationwide
Grade Level: K–14
(including two-year colleges)
Amount: \$2,000–\$7,000 over one year or \$5,000–\$10,000 over two years

2. [3Mgives Education Grants](#)

3M believes that every student should have access to a robust STEM education, and that's why they provide education grants as part of their charitable arm, 3Mgives. The application window opens each spring and invites proposals for STEM and business learning, especially for under-represented and under-resourced populations.

Deadline: June every year
Region: Nationwide in a 3M community location
Grade Level: K-12
Amount: Varies

3. [TAF Project-Based Learning Grants for Grades K–12](#)

The Toshiba America Foundation awards classrooms on a rolling cycle every year across grade levels to K-12 who have a burning desire to make science and mathematics more engaging for their students. Grants range anywhere from \$1,000 - \$5,000 and typically fund the materials needed for that STEM project you've been dreaming to implement.

Deadline: Rolling depending on grade
Region: Nationwide
Grade Level: K-12

4. [The Foundation for Online and Blended Learning IEP](#)

Have you already been working hard on an incredibly effective project in your classroom, school or district, particularly with students online or in a blended environment? The Foundation for Online and Blended Learning awards the Innovative Educator Prize and corresponding grant to winners every year who have demonstrated exceptional work through the use of digital tools in the classroom. Winners are awarded up to \$10,000 to go towards curriculum and supplies towards the continuation of their programs.

Deadline: 2020 yet to be announced
(can sign up for notification)
Region: Nationwide
Grade Level: K-12
Amount: Up to \$10,000

5. [McCarthy Dressman Education Foundation Academic Enrichment Grant](#)

The McCarthy Dressman Education Foundation is truly a STEAM grant, as it prioritizes proposals that focus on the intellectual, artistic and creative abilities of children from low-income households. This grant is a fantastic option for pitching after school programs, enriching criteria or offering an academic option not currently offered (think coding or computational thinking). Depending on your school or district's needs and eligibility requirements, the foundation will award \$10,000 per year for a maximum of \$30,000 over three years.

Deadline: April every year
Region: Nationwide
Grade Level: Pre-k to 12
Amount: Up to \$10,000 per year for a maximum of \$30,000 over three years

6. [American Honda Foundation STEM Grants](#)

The American Honda Foundation is a great option for schools and districts that have identified STEAM as a priority for students. The STEM grants offered by The American Honda Foundation focus on the areas of science, technology, engineering, mathematics, the environment, job training and literacy — perfect for any educator who is looking to incorporate projects or curriculum around education technology.

Deadline: February every year
Region: Nationwide
Grade Level: K-12
Amount: From \$20,000 to \$75,000 over a one-year period

7. [Samsung Solve for Tomorrow Contest 2019–2020](#)

Thinking about getting competitive about your STEM project with your students? The Samsung Solve for Tomorrow Contest encourages educators to pitch their projects to their community engagement team. After the first selection process in October, an Activity Plan is presented and educators and students are given Samsung Tablets to help work on their projects. Teams go through more rounds all the way to the finals while working with Samsung mentors. This is a great opportunity if your edtech solution interfaces with tablets.

Deadline: October
Region: Nationwide
Grade Level: Varies
Amount: Prizes distributed in amounts of \$15,000, \$50,000 and \$100,000

8. [AdoptAClassroom.org](https://www.adoptaclassroom.org)

While not technically a grant, AdoptAClassroom.org is a great first stop for many educators to get what they need in a pinch gifted by generous donors. Teachers, schools and districts are able to select pre-vetted products from vendors directly from the website and have them shipped directly to their school if fulfilled. The website also does award some grants from corporate sponsors on special occasions.

Deadline: Rolling
Region: Nationwide
Grade Level: K-12
Amount: Varies

9. [ClassWish](https://www.classwish.com)

Classwish is very similar to AdoptAClassroom.org and operates with pre-selected vendors and donors to fulfill teacher and school needs. Classwish sets themselves apart as a differentiator by stating that they also help fund PTA/PTO leaders, as well as librarians, school nurses and student teachers.

Deadline: Rolling
Region: Nationwide
Grade Level: K-12
Amount: Varies

10. [Michael & Susan Dell Foundation](https://www.michaelandsusan.org)

The Michael & Susan Dell Foundation is a grant that is open to a wide variety of initiatives if they fall into the areas of education, family economic stability and childhood health. This grant does not fund computer purchases, but can be used towards helping support curricular program initiatives such as STEM or coding. This grant is also heavily focused on data, goals and outcomes, so make sure you are clear with your grant application structure. For more information on what criteria the award is based on, visit their website.

Deadline: Rolling
Region: United States, India and South Africa
Grade Level: K-12
Amount: \$500 to several million dollars

11. [Sony Grants for Education](https://www.sony.com/education)

Sony Grants for Education is another wide open grant that is available for applications year-long and is dependant on the current budget and alignment of their giving arm. The company looks favorably upon applications that are focused on the encouragement of the creative, artistic, technical and scientific skills required of tomorrow's workforce. This would be an excellent opportunity for STEAM initiatives promoting skills that students could use for future employment. This grant can not be applied for if a school or district has already received funds from Sony.

Deadline: Varies
Region: Nationwide
Grade Level: K-14
Amount: Varies

12. [NEA Foundation Learning & Leadership Grants](#)

The NEA Foundation's Learning & Leadership Grant isn't technically an education technology grant for student learners, but it's a great way to educate your own teachers and administrators on how to adopt more educational technology. These funds can be used for professional development, summer institutes, conferences, seminars, travel abroad programs, or action research. Applications are restricted to National Education Association members of public schools or public schools of higher education.

Deadline: February
Region: Nationwide (NEA members)
Grade Level: K-12 public schools and public higher education
Amount: \$2,000-\$5,000

13. [Voya Financial – Unsung Heroes Awards Program](#)

Voya Financial holds this prestigious scholarship yearly and awards innovative educators every year for demonstrated teaching methods that are making a difference in the classroom. This grant is unique because applicants are not required to be a Voya Financial client to be considered. The grant application process is all online and is incredibly competitive. Applications must be verified by the school superintendent, principal or applicant's immediate supervisor prior to submission.

Deadline: April
Region: Nationwide
Grade Level: K-12
Amount: First place will receive \$25,000, second place will receive \$10,000, and third place will receive \$5,000

14. [Inspire Collection Development Grant](#)

The Inspire Collection Development Grant is tailored specifically to school libraries to extend, update, and diversify the book, online, subscription and/or software collections in order to realize sustainable improvement in student achievement at their school. This grant is also designed to help individual schools and not districts, although multiple schools from a single district may apply. \$20,000 is allocated yearly for this grant and awarded based upon a number of criteria which can be reviewed on the foundation's website.

Deadline: February
Region: Nationwide
Grade Level: Middle or high school, grades 5-12 and have an existing campus library
Amount: Up to \$5,000

15. [IGT After School Advantage Program](#)

IGT's After School Advantage Program is an incredible grant opportunity for schools or districts that are lacking a safe, secure environment for students to go after classroom activities commence and want to prioritize digital learning. The organization awards grantees with a robust digital learning environment for students that keeps them engaged, nurtured and occupied in an environment they can depend on.

Deadline: Rolling
Region: Nationwide
Grade Level: K-12
Amount: Varies

16. [Innovative Technology Experiences for Students and Teachers \(ITEST\)](#)

For schools and districts that have close university partners and value research, a grant with the National Science Foundation (NSF) might be the right funding for you. The ITEST grant is awarding winning applicants with the opportunity to pursue projects that motivate students to pursue STEM careers, develop STEM-specific content knowledge and practices that promote critical thinking, reasoning, and communication skills needed for entering the STEM and ICT workforce of the future. Proposals that highlight underrepresented and underserved groups in STEM fields are also given special consideration.

Deadline: August
Region: Nationwide
Grade Level: PreK-12
Amount: Varies (typically \$200,000 to \$1,00,000+)

17. [DiscoverE Collaboration Grants](#)

DiscoverE grants are focused on awarding schools who aim to start an engineering program for students. These funds can be used for food, site rental and project expenses, but cannot be used for computer hardware or software. Grantees will receive \$750 upon winning the grant and \$250 upon submission of an outcomes report to DiscoverE headquarters.

Deadline: Rolling
Region: Nationwide
Grade Level: K-12
Amount: Up to five grants of \$1,000 each will be awarded.

18. [Computers for Learning Program](#)

If you're struggling to support equal access to technology in your school, the Computers for Learning Program may be for you. The CFL program evolved as a guide for implementing Executive Order 12999, Educational Technology: Ensuring Opportunity for all Children in the Next Century. The order allows public agencies to donate computers in excess to their needs to schools and districts across the United States. Schools need to simply create an account and ask for their requirements. Applications are reviewed on a regular basis.

Deadline: Rolling
Region: Nationwide
Grade Level: K-12
Amount: Varies

19. [Good Neighbor Citizenship® Company Grants](#)

Another grant available widely to US schools, the Good Neighbor Citizenship® Company Grant provided by StateFarm provides awardees the chance to receive funds towards towards academic enrichment programs. Applications that focus on performance improvement, supporting underserved individuals (13 years and older) to be successful in post-secondary schooling and the future workforce and teacher development programs are given preferred.

Deadline: October
Region: Nationwide
Grade Level: K-12
Amount: Grant amount requested must be \$5,000 or more

20. [STEM + Computing K-12 Education \(STEM+C\)](#)

Yet another generous research-focused grant provided by the National Science Foundation, the STEM+C grant supports research and development on the integration of computing within STEM teaching and learning for preK-12 students in both formal and informal settings. The application states that proposals should describe projects that are grounded in prior evidence and theory, are innovative or potentially transformative, and that will generate and build knowledge about the integration of computing and one or more STEM disciplines at the preK-12 level. Working with a university partner is required.

Deadline: Rolling
Region: Nationwide
Grade Level: Prek-12
Amount: Varies (typically \$100,000 to \$1,000,000+)

21. [Amgen Foundation Grants](#)

The Amgen Foundation is the charitable arm of Amgen, a biopharmaceutical company with a number of locations across the United States. The Amgen Foundation awards grants to support programs that provide students and teachers with opportunities for hands-on, inquiry-based learning experiences that significantly impact students' excitement about science and scientific careers. Grants are prioritized if districts are located near an Amgen location, but all grant applications are considered through a letter of inquiry. Awards are made on a rolling basis.

Deadline: Rolling through letters of inquiry
Region: Nationwide
Grade Level: K-12
Amount: \$10,000 to \$1,000,000+

22. [Kinder Morgan Grants](#)

Kinder Morgan grants are funds distributed to help nonprofits and schools located near Kinder Morgan energy infrastructure companies in the community. Grant money can go towards academic program support and arts education programs. There are a number of restrictions tied to this grant, including capital projects, conferences or professional development and travel, so make sure you read the application criteria carefully when applying.

Deadline: February
Region: Organizations located within 30 miles of Kinder Morgan's 30 listed locations (see website for further details)
Grade Level: Nonprofits, and K-12 public schools and private schools may apply.
Amount: \$5,000-\$20,000

23. [Best Buy Community Grants](#)

If you know of or work with teenage youth who has an interest in technology, the Best Buy Community Grants may be a good avenue for you to explore. The Community Grants provide teens with hands-on learning opportunities that lead to skill development. Best Buy's charitable arm says that these grant awardees help prepare them for future education and career success by letting them explore the latest technology. More details for upcoming application criteria will be released in spring 2020.

Deadline: Spring 2020
Region: Nationwide
Grade Level: K-12
Amount: \$7,500

24. [The Employees Community Fund \(ECF\) of The Boeing Co.](#)

The Boeing Company has locations in a number of states across the United States, and employees in each of these locations have generously volunteered to donate portions of their paychecks to the Employees Community Fund (ECF). This fund is available as a grant to be donated to their community. Depending on your state, you will find different deadlines and criteria for education applications. Visit the website for further information.

Deadline: Varies by state
(Must be in a Boeing location that has opted in to the fund)
Region: Varies by state (see website for more details)
Grade Level: K-12
Amount: Varies

25. [Motorola Solutions Foundation](#)

Motorola Solutions Foundation, the charitable arm of Motorola Solutions, awards grants in sizeable amounts to enhance Technology and engineering academic programs that come from organizations with proven evaluation processes. The foundation aims to give a STEM education, including the area of robotics, coding and programming, to underserved youth. Grant applications that have quantifiable metrics and outcomes and also include Motorola Solutions volunteers and employees are given priority.

Deadline: February
Region: Nationwide
Grade Level: K-12
Amount: Up to \$50,000



Applying for Grants for SAM Labs

We hope the previous section of grants gave you inspiration on where to get started on your quest to get funding! If you're looking for a partner to take along your STEAM journey, we've compiled an easy-to-use template on how to get started for SAM Labs STEAM and Learn to Code curriculum kits.

Each kit includes:

- A unique combination of engaging wireless, Bluetooth-enabled hardware and software to inspire tactile ways of learning
- Standards-aligned curriculum and dozens of ready-made resources written for teachers, by teachers that supplements the hardware and software to give educators the confidence to teach STEAM and coding
- Customer training and onboarding conducted by SAM Labs experts for educators to ensure program is successful

1. Example of Statement of Problem and Needs

SAM Labs is a tool that helps promote STEAM learning in a safe, supportive and interactive environment. The product is easily customizable to a learner's level due to adaptations in the curriculum, and the product itself is hands-on and engaging. For this reason, the STEAM and Learn to Code kit can easily be positioned in a variety of ways to help your students and further your academic enrichment programs.

We've seen educators use our STEAM and Learn to Code courses with projects such as:

- Girls in STEM
- Coding programs
- Computer Science Programs
- Unengaged students
- Enhancing science or technology curriculum aligned to standards
- Explaining computational-thinking skills in a hands-on way
- Just-in-time intervention for students who have a safe place to practice and fail

Ultimately, positioning your statement problem and needs is entirely up to you and your classroom, school or district needs. These examples are here to help get you started and give inspiration.



2. Description of How You Will Use the Funds

Determining your class sizes, the number of kits you will need and any external resources will be critical in outlining your costs. Not sure about how much it will cost or all of the resources included in each kit? Feel free to contact us and we can help!

SAM Labs STEAM Kit example: *“We can purchase the SAM Labs STEAM course, which includes a classroom kit of hardware designed for up to 30 students to use at once, the flow-based coding app SAM Space and 50+ NGSS standards aligned lesson resources for Grades 2-6. This could potentially be used across all classes in these grades as a full year course.”*

SAM Labs Coding Kit example: *“We can purchase the full SAM Labs Learn to Code course, including CSTA standards-aligned courses for Grades 4-8, enough hardware blocks for a classroom of 30 students to use at once, including 10 micro:bits and access to the block coding Workbench platform. This kit could potentially be used across all classes in grades.”*

3. Outlining Your Costs and Duration of the Project

Itemizing your necessary purchases here will be critical for organizations evaluating grant applications. In addition, some grant applications request project timelines, check-ins and updates.

SAM Labs offers educator training with kit purchases, and professional development can also be added to compliment STEAM and coding teaching pedagogies in the classroom. These options can be added into your proposed timelines to give support of your program growth and outcomes.



4. Explaining Your Goals

There are so many goals that come from an effective STEAM or coding program, and your goals should ultimately be tailored to your student's or school's needs. Stating your goal and looping it back to your Statement of Problem and Need is essential.

For example: *“The primary goal of implementing the SAM Labs STEAM kit program is to introduce children to the concept of coding and computational thinking whilst helping them develop 21st Century skills, such as collaboration, communication, creativity, critical thinking and problem solving during our science teaching time.”*

Remember, if you have preferred way of collecting data or metrics within your classroom (including ways to measure socio-emotional learning, which is important for underserved or disengaged youth), mention this here.

The curriculum provided within the lesson plans also is a great way to showcase student work, progress and projects from the kits themselves.

5. Giving Examples

Showcasing any other STEAM or coding work in your classroom is a great way to show your self-starting initiatives to bring as much of a science and technology-driven education to your students. Any examples of statistics, student projects or lesson plans may be useful to show how far you've come but to also highlight the barrier you've come up against without funds for additional tools.

Lastly, if you have already done some work with SAM Labs on a smaller scale either at home or in the classroom, putting any evidence of your previous success may help grant evaluators understand the impact on a lesser scale and how it can more broadly affect your students.

We wish you the best of luck in your funding efforts, and as always, reach out to our team with any questions you have along the way.

Need help on understanding costs or what's included? Reach out to us. We're here to help!
[Get in touch](#)

About SAM Labs

STEAM Course

We're SAM Labs, and we give teachers the tools and confidence to teach STEAM to students.

Teachers and learners deserve a safe, engaging place to innovate, create and explore. With our NGSS-aligned curriculum kits, students can step into a lab of learning and discover a hands-on world of invention and discovery.

How it works



Hardware & Software

Excite your learners with Bluetooth-enabled blocks that connect with easy-to-use software. Students design, experiment and debug as they build programs with increasing levels of complexity.



Lesson Packs

Each kit comes with ready-made lesson plans, slides and handouts written for teachers, by teachers. Increase student engagement, decrease teacher workload, and build computational thinking skills through our character-driven narrative.



Training & Professional Development

Our Education Consultants plan and work with you and your team. Offering comprehensive onboarding and customized Personal Development, we ensure you are confident to implement STEAM across your school or District

STEAM – K-5 – NGSS Aligned – Proven Pedagogy

Work with Us

We partner with classrooms, schools and districts nationwide to create custom solutions that fit their needs. Our education specialists can work with you to identify your needs, work on your timeline and help bring your STEAM program to life. To get started today, visit

samlabs.com.

About SAM Labs

Learn to Code Course

We're SAM Labs, and we give teachers the tools and confidence to teach coding to students.

Teachers and learners deserve a safe, engaging place to innovate, create and explore. With our CSTA-aligned curriculum kits, students can step into a lab of learning and discover a hands-on world of invention and discovery.

How it works



Hardware & Software

Featuring micro:bit & Workbench. In collaboration with micro:bit, excite your learners with Bluetooth-enabled blocks that connect with coding platform Workbench. Students design, experiment and explore as they build programs with increasing levels of complexity.



Lesson Packs

Each kit comes with standards-aligned, ready-made lesson plans, slides and handouts written for teachers, by teachers. Our course brings computing concepts and programming to life.



Training & Professional Development

Our in-house team of experts work with your educators from beginning-to-end to ensure you feel confident to teach STEAM at any level with customized training.

Coding – Grades 4-8 – CSTA Aligned – Proven Pedagogy

Work with Us

We partner with classrooms, schools and districts nationwide to create custom solutions to fit your needs. Our education specialists can work with you to identify your needs, work on your timeline and help bring your Coding program to life. To get started today, visit

samlabs.com.



For more information about SAM Labs,
contact our Education Consultants at info@samlabs.com
or visit our website samlabs.com