



2020-2021 Technology Lending Grant
COMPETITIVE GRANT Application Due 5:00 p.m. CT, January 9, 2020

NOGA ID

Authorizing legislation **General Appropriations Act, Article III, Rider 8, 86th Texas Legislature; TEC 32.301**

Applicants must submit one original copy of the application and two copies of the application (for a **total of three copies of the application**). All three copies of the application **MUST** bear the signature of a person authorized to bind the applicant to a contractual agreement. **Applications cannot be emailed.** Applications must be received no later than the above-listed application due date and time at:

Document Control Center, Grants Administration Division
 Texas Education Agency
 1701 N. Congress Avenue
 Austin, TX 78701-1494



Grant period from **April 6, 2020 to August 31, 2021**

Pre-award costs are not permitted.

Required Attachments

Applicants must submit a locally-approved technology plan that is valid for the 2020-2021 school year.

Amendment Number

Amendment number (For amendments only; enter N/A when completing this form to apply for grant funds):

Applicant Information

Organization CDN Vendor ID ESC DUNS
 Address City ZIP Phone
 Primary Contact Email Phone
 Secondary Contact Email Phone

Certification and Incorporation

I understand that this application constitutes an offer and, if accepted by TEA or renegotiated to acceptance, will form a binding agreement. I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I certify that any ensuing program and activity will be conducted in accordance and compliance with all applicable federal and state laws and regulations.

I further certify my acceptance of the requirements conveyed in the following portions of the grant application, as applicable, and that these documents are incorporated by reference as part of the grant application and Notice of Grant Award (NOGA):

- Grant application, guidelines, and instructions
- Debarment and Suspension Certification
- General Provisions and Assurances
- Lobbying Certification
- Application-specific Provisions and Assurances
- ESSA Provisions and Assurances requirements

Authorized Official Name Title

Email Phone

Signature  Date

Grant Writer Name Signature  Date

Grant writer is an employee of the applicant organization. Grant writer is not an employee of the applicant organization.

2020-621331

701-20-110-177

Shared Services Arrangements

SSAs are **not permitted** for this grant.

Identify/Address Needs

List up to three quantifiable needs, as identified in your needs assessment, that these program funds will address. Describe your plan for addressing each need.

Quantifiable Need	Plan for Addressing Need
Per the 10 campuses identified, the student population needs dedicated internet access at their residence to extend their learning beyond the school day.	FBISD currently uses a blended learning model and has implemented an online learning platform on campuses for the students to use regularly for class work and projects - in and out of school. FBISD currently has a technology lending program for students to check-out a device with high-speed data plan. The program will be used to make available more devices to those identified campuses in need.
5 of the 10 campuses identified are middle school campuses. The District's current "lending library" program is implemented on the high school level, but there is a need to expand to the middle school level.	This grant program will allow expansion of the current FBISD "lending library" program to the middle school campuses, which will complement the current instructional model and online learning platform that students use regularly for class work and at-home projects.

SMART Goal

Describe the summative SMART goal you have identified for this program (a goal that is Specific, Measurable, Achievable, Relevant, and Timely), either related to student outcome or consistent with the purpose of the grant.

The FBISD "lending library" program is geared to enhance technology lending for students. Through this grant program, FBISD will purchase and make available for use of about 350 additional technology devices with internet access that are loaned to students at 10 secondary campuses for access to digital instructional materials off campus. The plan is to further support the overall goal of equitable access to quality digital resources and courses for students.

Measurable Progress

Identify the benchmarks that you will use at the end of the first three grant quarters to measure progress toward meeting the process and implementation goals defined for the grant.

First-Quarter Benchmark

By the end of the first quarter (late-spring/summer) of the grant program, the following will occur as benchmarks to keep the program timeline on track:

- *Communication will be sent to high school principals of identified campuses to inform them of program expansion and/or changes to their current lending library program.
- *Communication will be sent to middle school principals of identified campuses to inform them of lending library program expansion to their campus.
- *Finalize contract to for purchases of devices and data plans and place order to get ready for Fall 2020 implementation

Measurable Progress (Cont.)**Second-Quarter Benchmark**

By the end of the second quarter (summer/early-fall) of the grant program, the following will occur as benchmarks to keep the program timeline on track:

- *Refresher communication to all 10 campuses about the lending library program - including parent forms, etc.
- *Orientation to for new campuses' key staff - principals and/or assistant principals and librarians, including training for check-out/check-in process, parent forms, etc.
- *Receive devices and complete all IT dept. configuration to have the devices ready for use for students
- *Distribute devices to all 10 campuses to be made available for students

Third-Quarter Benchmark

By the end of the third quarter (late-fall/spring) of the grant program, the following will occur as benchmarks to keep the program timeline on track:

- *Regular monitoring of utilization data to ensure access is equitable to all and objectives are being met
- *Regular meetings to discuss program successes and shortfalls, and determine modifications and adjustments needed.
- *Continued communication about the lending program - specifically to students regarding availability to access the learning management platform for extended learning at-home.
- *Orientation to for new campuses' key staff - principals and/or assistant principals and librarians, including training for check-out/check-in process, parent forms, etc.
- *Program planning for the next school year.

Project Evaluation and Modification

Describe how you will use project evaluation data to determine when and how to modify your program. If your benchmarks or summative SMART goals do not show progress, describe how you will use evaluation data to modify your program for sustainability.

The project evaluation strategy for this program will be through data analysis, which will in turn be used to determine any changes or modifications needed of the program to meet the expected outcomes. Utilization data, as well, as student achievement data, will be primary and secondary data points used to determine any successes or shortfalls. The primary goal for the program is to make available these devices with high-speed internet access for students to extend their learning at-home through the online learning management system that is used during the school day. Utilization data will show whether students are aware and are taking advantage of the lending library program. Utilization data will further support the needs assessment for each campus. Secondly, student achievement data will be helpful to show a secondary set of data points as a result of the utilization of the lending program.

These data points will be monitored and reviewed on a 6-week basis, after each grading cycle, to determine if modifications or adjustments are needed. Feedback will also be gathered from students and staff for additional details regarding the program in meeting the needs of the students and the objectives set out by district leaders.

Statutory/Program Assurances

The following assurances apply to this grant program. In order to meet the requirements of the grant, the grantee must comply with these assurances.

Check each of the following boxes to indicate your compliance.

1. The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2. The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3. The applicant provides assurance to adhere to all Statutory Requirements and TEA Program Requirements as noted in the 2020-2021 Technology Lending Grant Program Guidelines.
4. The applicant provides assurance to adhere to all Performance Measures, as noted in the 2020-2021 Technology Lending Grant Program Guidelines, and shall provide the Texas Education Agency, upon request, any performance data necessary to assess the success of the program.
5. The applicant provides assurance that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
6. The applicant provides assurance that it will provide access to lending technology and residential access to the internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or internet service for learning at home.
7. The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
8. The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
9. The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
10. The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
11. The applicant assures that it will show evidence of a current local technology plan on participating campuses by submitting an attachment of the LEA's locally-approved technology plan.
12. The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.

Statutory Requirements

1. Describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices.

Fort Bend ISD has worked to ensure technology is available at schools for use by students during the school day. In 2019 – 2020, we began rolling out standardized classroom toolkits in all classrooms through two phases and all campuses will have devices by 2020 – 2021. The classroom toolkit for grades 6 – 12 consists of fifteen two in one laptops. In addition to the classroom toolkits, FBISD has enhanced the infrastructure for better WiFi coverage to support for the use of district devices as well as students bringing their own devices to school.

FBISD Board Goal 3, Objective 1 states, "FBISD will use innovative teaching strategies with the integration of technology to provide opportunities for blended and project-based learning experiences." FBISD is achieving equity with the classroom toolkits as it relates to student access to technology during the school day. However, there is a gap related to student access to technology when they go home. To support the FBISD Board Goal, the Lending Library program was implemented during 2019 – 2020 at all FBISD High School campuses. The program allows students to check out a laptop for a two-week period at a time, with an opportunity to renew, as needed. The goal of the program is to provide students the opportunity to continue using the same technology from their classroom at home. Through the Lending Library program, students will have access to devices although they may not have access a dedicated WiFi connection at home. FBISD is planning to expand the Lending Library program to Middle School campuses in upcoming years.

Program Requirements

1. Describe a plan for providing internet access to student residences, residential center, and/or on buses that transport students for whom a single ride lasts, on average, at least an hour for students with the highest need for off-campus internet access.

FBISD would utilize grant funds to purchase the hotspot devices and connectivity for WiFi access for students. Students would be able to then check out a laptop device and/or hotspot, depending on their individual need. This would allow students to have access to both the laptop and dedicated WiFi connection. For our students who have access to a device at home, but not the dedicated access to the internet would be able to secure the hotspot in order to meet their individual need. The hotspots allow access from any location and not limit students that may lack transportation to a library or home WiFi access. Students have completed a survey which identifies their area of need – laptop, dedicated WiFi or both.

The Laptop Lending Library has established procedures in place for students to access and use a device for a dedicated period of time. Students and parents fill out the device use agreements at the beginning of the year and this allows the student to participate. The same procedures would be in place for the hotspot device as is in place for the laptops. The Lending Library program is promoted throughout the campuses and teachers are encouraged to work with identifying students that need access and raise awareness in order to ensure students have the necessary access.

Program Requirements

2. Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es).

FBISD Board Goal 3, Objective 1 states, "FBISD will use innovative teaching strategies with the integration of technology to provide opportunities for blended and project-based learning experiences." During the 2019 – 2020 school year, FBISD has implemented a Blended Learning Progression of Practice for all stakeholders in the organization. The Blended Learning Progression of Practice includes the following:

- Blended Learning provides students choice over time, place, pace, and/or path of learning.
- Students select and use technology tools in unconventional ways to demonstrate understanding of content, personalize learning, extend learning beyond the classroom, set goals, make connections, and think critically.
- Technology resources are leveraged to create a global learning environment and access knowledge/experiences virtually.
- The learning environment is flexible, focused on learning, creation, demonstration, and collaboration beyond the classroom with guidelines for communication in a global society evident.

FBISD campuses are working to put these components into practice and we have seen an increase in the use of technology both in and out of the classroom. The FBISD curriculum provides aligned blended learning exemplars for teachers and this often requires students to have access to technology and/or dedicated WiFi beyond the regular school day. Students and parents have access to multiple resources at home, if there is a device and/or internet connectivity. FBISD uses the Schoology platform for a Learning Management System, which allows students to interact with their learning from a variety of locations and times. Skyward is available for parents and students to access and monitor their progress on their learning.

3. Describe how the district is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s).

With the increased focus on Blended Learning in FBISD, digital instructional materials have been included in the FBISD curriculum. The FBISD curriculum has a Technology Integration page for all content/grade level curriculum units in addition to Blended Learning Exemplars available for teachers in all curriculum units.

For example, in English Language Arts, teachers are using our Schoology, the Learning Management System, to individualize reading selections based on individual reading levels for students using resources such as NEWSela. With technology, the teachers can personalize reading based on the student need and ability level and then with the laptop and internet access, students are able to continue the reading at home, at practice, or while on the bus. Students then may interact or respond to the reading through Schoology and receive feedback based on their responses from classmates or their teacher, all outside of the traditional school day.

Teachers are beginning to use the flipped classroom model of blended learning although, for it to be effective the teacher, and students, must feel confident that they will have access to the internet to complete the part of the work outside of the regular school day. In social studies, students utilize digital instructional materials to research and learn about places that many may never have the opportunity to visit. Using GIS software, Google Earth, and other cloud-based data sites students are researching trends related to topics and using that data to analyze and discuss events.

Program Requirements (Cont.)

4. Describe how infrastructure and technical support is adequate to support students' anticipated use of devices provided through the grant at its participating campus(es).

FBISD's current infrastructure has the capacity to absorb any new additions that would be implemented through this grant program. The District has recently upgraded the network and wireless infrastructure, while the upgrade process started in 2015 and concluded in 2019. As of 2019, all district campuses are equipped with a dedicated wireless access point per classroom. District IT infrastructure support teams consists of an infrastructure engineering team, customer support services, as well as, desktop support services team. Additionally, the IT division consist of 120 staff that provides day-to-day support for all district applications, staff and students.

5. Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition.

The grant program will complement the District's current laptop lending library program. Through the laptop lending program, students request a laptop through an online request form that is advertised around the school and through their teachers. Before requesting a laptop, parents and students are made aware of the acceptable usage requirements for the device and general guidelines on proper care and responsibility. After the acceptable usage agreement is completed and the student completes the request form the librarian prepares a laptop for checkout.

With the hotspot devices, we would be able to merge these into the program. One part would be the including of a hotspot with the laptops so that students have access to a device as well as a dedicated internet source. We would also work to allow students that have the need for just the device to also request through the form a hotspot and run the check-out system similar to the laptop program.

The librarians within the District have been operating the Lending Library program and have systems in place and resources for promoting and managing the devices. Campuses have a dedicated administrator that coordinates with the librarian about issues such as lost or overdue devices. This level of administrative support helps with maintaining the devices and maintenance of the program.

CDN 079907

Vendor ID 1746025253

Amendment #

Campus Name and Identification Information (can change to another title)

Enter the Campus Name and Campus Identification Number (CID) of the participating campus(es). Please use the exact name and CID from the 2018-2019 Campus Report data from the Texas Student Data System Public Education Information Management System (TSDS PEIMS) accessible on the TEA website at <https://tea.texas.gov/2019accountability.aspx>. Use the downloadable [overview of statewide ratings](#) data available in Microsoft Excel. If the campus name has changed (but not the CID), include the new name in parenthesis. If both the campus name and the CID do not match the referenced eligibility list, the campus is not eligible.

1. Campus Name	HIGHTOWER H S	Campus Number	079907008
2. Campus Name	DULLES MIDDLE	Campus Number	079907041
3. Campus Name	KEMPNER H S	Campus Number	079907005
4. Campus Name	SUGAR LAND MIDDLE	Campus Number	079907043
5. Campus Name	GEORGE BUSH H S	Campus Number	079907011
6. Campus Name	HODGES BEND MIDDLE	Campus Number	079907047
7. Campus Name	LAKE OLYMPIA MIDDLE	Campus Number	079907048
8. Campus Name	DAVID CROCKETT MIDDLE	Campus Number	079907053
9. Campus Name	WILLOWRIDGE H S	Campus Number	079907002
10. Campus Name	THURGOOD MARSHALL H S	Campus Number	079907012

Request for Grant Funds

List all of the allowable grant-related activities for which you are requesting grant funds. Include the amounts budgeted for each activity. Group similar activities and costs together under the appropriate heading. During negotiation, you will be required to budget your planned expenditures on a separate attachment provided by TEA.

PROFESSIONAL AND CONTRACTED SERVICES (6200)

Data plan per device for internet access	125,500
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

SUPPLIES AND MATERIALS (6300)

Device for internet access	17,500
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OTHER OPERATING COSTS (6400)

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

CAPITAL OUTLAY COSTS (6600)

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Total Direct Costs 143,000

Indirect Costs 7,000

TOTAL BUDGET REQUEST (Direct Costs + Indirect Costs) 150,000