

Franklin-Simpson Educational Excellence Foundation, Inc.

GRANT APPLICATION COVER PAGE

Application must be typed. If you experience difficulty completing, please contact our office at email fseducationalexcellence@gmail.com

Applicant Name & Position: Leah Wood - Curriculum, Instruction, and Assessment Specialist

School/Organization Involved: Franklin-Simpson High School

Amount Requested: \$22,497.75

Purpose of Funding: New classroom sets of calculators (new type of calculator)

Targeted Grade Levels: PreK-K 1-3 4-5 6-8 **9-12** Other: _____

Number of Students/Persons Affected by Grant: 850

Academic Area: Reading Language Arts Social Studies **Math**
Science Fine arts Community Other: _____

Brief Summary of Project (2 - 3 Sentences):

During an AP Conference over the summer, one of the high school math teachers was introduced to a new graphing calculator that is more user-friendly and does so much more than the TI-84's currently in use. The high school is in need of new calculators as students have taken or broken several calcaultors over the last few years as we were renting them out to every stduent in the building. Now that we are strictly using them as classroom sets and students are using an online calculator for homework, we are in need of new sets and this new calculator is of great interest to the entire math department.

Address of School/Organization: 400 S. College Street, Franklin KY 42134

Contact Person: Leah Wood

Phone: (Day & Evening) 270.776.0043 **Fax:** _____

E-Mail: leah.wood@simpson.kyschools.us

Grant Cycle Submitted: **September** November February April

Required Signatures

Simpson County Schools:

Principal/Supervisor _____ **Date** 9/20/23

Superintendent _____ **Date** _____

Community Organizations:

Grant Preparer _____ **Title** _____ **Date** _____

Board Representative _____ **Title** _____ **Date** _____

A. NARRATIVE

In the past, Franklin-Simpson High School has rented calculators to students for a small fee unless they were on the free/reduced lunch list. With COVID, we lost a lot of calculators and many more were damaged. What we could salvage, we were able to create classroom sets for teachers to use in the classroom; however, students were not able to take them home to complete any assignments. While many students have phones with calculators, those do not include all the functions a graphing calculator has that they need for their homework. We tried, in 21-22 to purchase the DESMOS calculator app for every chromebook for students to use at school and at home. Unfortunately, this app required wifi and students who did not have wifi could not access the app. There were some glitches and we decided going into the 22-23 school year not to renew that subscription. We have since been looking into options to make sure every student has a calculator to complete any classwork they have without having to utilize wifi.

This summer, one of the high school math teachers, Ms. Tammy Strain, attended the Advanced Placement conference for continuous learning as she teaches Pre-Calculus. While at this conference, she was introduced to a new calculator called NumWorks. This calculator is not the typical TI-84 we utilize currently at the high school. This calculator has several more advanced features that the TI-84's do not and is much more user friendly. Even with all the new features, this calculator is approved to use on the SAT, PSAT, ACT, and more.

Ms. Strain worked with the NumWorks company to get a calculator for each math teacher at the high school to try out. In the process, we discovered the company has a free app and the calculator looks identical to the handheld calculator. Every math teacher approves of the calculator and is eager to get them in the hands of the students to begin learning the programming and utilizing it in the classroom. This is particularly important for those teaching Juniors as they would like to have the practice in using the calculator prior to taking the ACT in March 2024 that counts towards their college readiness requirements.

Along with the calculator and the free app, the company also offers free tutorials on using the calculator in general and on the ACT. The ACT Test Prep tutorials are found online and all Juniors would benefit from this free resource. The website for the calculator and all the features they offer is numworks.com.

Franklin-Simpson High School's mission is to graduate all students college and/or career ready. While there are multiple pathways to be considered college ready in the state of Kentucky,

the ACT is the most prominent one. Students must meet the Kentucky benchmark in at least one area of the ACT; the math benchmark is 19. While the calculator will be helpful to all grades, it will be particularly helpful for the Juniors when preparing for and taking the ACT in March of 2024.

B. EVALUATION

The evaluation of the success of this new calculator would fall on conversations with the teachers. They will be the ones directly involved with utilizing the calculator in the classroom and ensuring students know how to operate the calculator. We will also look at the ACT spring scores once they are received to see if students scored higher due to the implementation of this new calculator. This sounds as though we are making the test easier because of a calculator, but students will still be required to analyze each question to know how to use their calculator appropriately to answer the questions. Again, we will rely on teacher input about the success of the calculator in the classroom.

C. BUDGET

NumWorks is offering a deal right now for Franklin-Simpson High School. If we purchase 250 calculators, we will get 12 free. The total price of the 250 calculators is \$22,497.75 (see attached invoice). We will need 250 calculators to allow for every classroom to have a set, extras for Dr. Wood to use for some testing throughout the year, and when it is time for the Juniors to take the ACT, every Junior will have access to the calculator; we average around 220 Juniors a year. The requested funding would go solely to NumWorks to pay the full expense for the calculators.

D. APPLICATION SUMMARY

The FSHS math department wants to ensure that all students have access to the newest technology and have the advantage of being successful, not just in the classroom but also on any college readiness or AP exams they will take. This new calculator will allow students to take what they know and can do with simple tasks and apply those to more complex problems. State testing is implementing more application based questions and the ACT also has increased the rigor of their exam. This calculator would give FSHS enough calculators for every student while at school, an app to use outside of school, and the advantage of performing well on assessments.

Quote

NUMWORKS

NumWorks, Inc.
1100 Crescent Green #120
Cary, NC 27518
United States

Quote identifier 2308250005
Quote date 08/25/2023
Expiration date 11/25/2023

Bill to
Franklin-Simpson High School
400 S College St
Franklin KY 42134
United States

Ship to
Franklin-Simpson High School
400 S College St
Franklin KY 42134
United States

PRODUCT	QUANTITY	UNIT PRICE (USD)	TOTAL PRICE (USD)
NumWorks Graphing Calculator	262	99.99 USD	26,197.38 USD
Discount			-3,699.63 USD
Shipping			0.00 USD
		Subtotal	22,497.75 USD

Note Calculators will be sent within 72 hours of receipt of the purchase order.

Payment terms Net 15 (payment 15 days after invoice date).

Please see <https://www.numworks.com/legal/> for more information. You may send an email to contact@numworks.com for any questions regarding this quote.