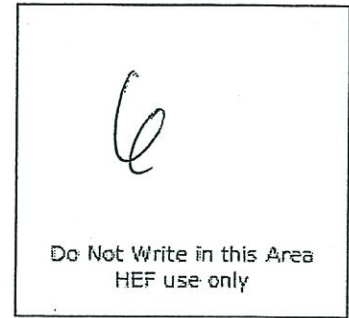




Holdenville Education Foundation
P.O. Box 641 ♦ Holdenville OK 74848
info@hef4ourkids.com



Grants to Teachers Application Form

*Please use a typewriter or word processor to complete the application.
Submit in the format listed below.*

Gus
Talbert

Date: March 6, 2019

Grant Title: One for the "Books" 2.0

School: Holdenville High School

Grade Level(s): 8

Content Area: English Language Arts: Reading and Writing

Total Dollar Amount Requested: ~~\$4,275.00~~ \$1,310²⁵

"Technology's primary effect is to amplify human forces, so in education, technologies amplify whatever pedagogical capacity is already there."

-Kentarō Toyama Why Technology Alone Won't Fix Schools

"I'm not a fan of technology. I'm a fan of pedagogy, of understanding how people learn and the most effective learning methods. But technology enables some exciting changes."

-Donald A. Norman

1. What is the major educational need this grant addresses? Please give grade level and academic area.

The adults of tomorrow are in my 8th grade English Language Arts (ELA) classroom today. According to iste.org (The International Society for Technology Education), 65% of today's students will end up working in jobs that do not exist yet. They will be using devices and technology we cannot even dream of. If we, as the teachers responsible for preparing them for this future, do not adapt to their educational needs, our students will not be able to fill these jobs. Many classrooms use a teacher-centered approach of delivering the curriculum; this method has been the primary approach for over a thousand years. See the painting included by Laurentius de Voltolina that he created around 1350 A.D. Ignoring the differences in clothing, the many students chatting or sleeping in the back rows while the instructor teaches resemble our own students sometimes.



https://commons.wikimedia.org/wiki/File:Laurentius_de_Voltolina_001.jpg#/media/File:Laurentius_de_Voltolina_001.jpg

This is not meant to say that lectures no longer have a place; on the contrary, they are still a vital part of our students' learning process. Rather, lectures no longer have to be the only, or primary means of instructing. Technologies of today could allow teachers, given adequate training, to branch out and involve students in more engaging and rigorous activities that better prepare them for their future vocations. This is the first need that this grant addresses: Chromebooks for all of my students will allow me to better modify my teaching methods and engage students in more inquiry and problem based learning methods rather than only teacher-centered instruction.

This grant will also meet the educational needs of my 8th grade ELA students that were addressed in the original *One for the "Books"* grant. Several of the Oklahoma Academic Standards for 8th grade ELA that my students are tested on assume that they have basic digital literacy and computer skills. Many people believe that "kids these days" are able to naturally navigate the internet on any device with ease. In reality, though, they have to learn these skills just like any other unfamiliar adult. And just like the learning process for adults, this takes time, practice, and can easily frustrate their teenage brains. Further attention will be given to specific objectives and standards in section three of this grant.

Finally, this grant will allow me more freedom in differentiating instruction so that I may better serve the educational needs of every student. Through the use of adaptive online learning platforms such as readingplus.com, typingclub.com, commonlit.org, and norredink.com I can have a student with below grade level skills and a student with above grade level skills working at the same time in the same class on the same skills that I just

finished lecturing over. The only difference is that these platforms automatically adapt to the learner's needs so that their individual assignments are neither too frustrating nor too easy. These sites (the last three of which are free) also generate comprehensive class progress reports and individual student data that allow me to easily assess my students' progress, strengths, and struggles giving me the ability to better adapt my curriculum to meet their needs.

2. Approximately how many pupils will be affected by this project, both directly and indirectly?

Approximately 60 -75 students each year for the life of the Chromebooks will be directly affected. This number will grow each year to indirectly affect the education of the students who have taken 8th grade English Language Arts. The skills built and learning activities completed each year in class will prepare pupils for their proceeding classes. For instance, if I have 65 students this year and for the next 5 years, 65 times 5 is 325 students who are affected by this grant both directly and indirectly.

3. Describe your grant including methods, materials, and objectives. Foundation grants are intended to fund a creative teaching plan, so if equipment or materials are requested it should be clearly stated as to why these are an integral part of the plan.

This grant is asking for 15 Chromebooks so that every student in my 8th grade English Language Arts classroom has the option to use a Chromebook. Currently, my classroom has 10 Chromebooks that have to be shared between classes that vary in size. This year, five of the seven classes have between 15 to 18 students, so a minimum of 5 students are not receiving the same opportunities that a Chromebook provides. I supplement the missing 5 to 8 Chromebooks with borrowed iPads. These devices, while more beneficial than nothing, do present their own challenges. Chromebooks minimize login time, save progress, and student usage is easier to monitor.

Methods and Objectives

The Chromebooks will be utilized on a daily basis to provide supplemental exercises that enhance the curriculum I lead the students through. In addition to adding to teacher-centered instruction, Chromebooks would allow me to implement an alternative method of teaching known as problem or inquiry-based learning. These devices will give my students a way to access myriad resources that would otherwise be inaccessible. This is vital to Oklahoma Academic Standards (OAS) 6 and 7, *Research* and *Multimodal Literacies*, respectively.

Research (OAS 6)

My 8th grade ELA students are expected to filter through various data types to determine what is valid and credible for research purposes. The majority of this data is online now, even newspapers and periodicals. Chromebooks are a vital tool for teaching my students how to safely and responsibly navigate the web as well as find reliable resources for a variety of purposes.

Multimodal Literacies (OAS 8)

The evolution of technology will push students and teachers into new territory. Students are no longer expected to read and create *only written* reports, essays, and stories. Now their skills must include the ability to interpret and create items like powerpoints and videos in addition to the previous skills. Chromebooks will give our students access to tools that will allow them to do this. They will also appeal to several different learning styles and better engage our students.

Critical Reading and Writing (OAS 2 and 3)

Chromebooks also help my students better prepare for the state reading and writing test, now completed on a computer, which is related to OAS 2 and 3, *Reading Foundation: Reading and Writing Process*, and *Critical Reading and Writing*, respectively. Through the use of online tools like commonlit.org, noredink.com, renlearn.com (AR), and readingplus.com I am able to give students an adaptive curriculum that is individualized specifically for them. Chromebooks will let my students easily access and use these tools; they will also allow me to easily monitor their use.

4. Give a time schedule of implementation.

The Chromebooks will be used in the classroom immediately following receipt and student training.

5. Detail your budget request. Include specific information about kinds of materials and equipment needed, sources of supply, and costs (including shipping and handling). If possible, list alternatives if full funding is not available.

Funding Request

Chromebooke (14.00")	15	\$259.00	\$3,885.00
Management Service License	15	\$26.00	\$390.00
Total			\$4,275.00

* Alternative Request

Chromebook (11.6")	15 ⁵	\$236.00	\$3,540.00 1180 ⁰⁰
Management Service License	15 ⁵	\$26.00	\$390.00 130 ⁰⁰
Total			\$3,930.00 \$1310 ⁰⁰

6. What methods will be used for measuring the stated objectives, or what definite evaluation will you make to determine whether the grant was successful? (Please be specific)

The success of the grant will be measured primarily through frequent benchmark testing assessing student learning of the 8 English Language Arts Oklahoma Academic Standards. A rising trend will indicate the success of the grant.

An additional measurement for grant success will be the ongoing analysis of student data from the online tools noredink.com, commonlit.org, typingclub.com, and readingplus.com.

The final evaluation of grant success will be shown in the state test results. An upward trend will indicate the success of the grant.