



Holdenville Education Foundation
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Grants to Teachers Application Form

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

Date: February 22, 2021

Grant Title: Beyond 2020

School: Holdenville High School

Grade Level(s): 8 - 12

Content Area: Science, Art, Math, English, or electives

Total Dollar Amount Requested: \$544.95

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

The major educational need that this grant addresses is allowing teachers to adapt to *changing methods of instruction*. These tools will give teachers more versatility in how they deliver lessons to their students in various classrooms.

The current school year has allowed us to reflect on how we might improve given similar circumstances. We've been told that short term distance learning is here to stay in one format or another, whether it be for weather or illness. Therefore we need to improve how it's done with a focus on engaging students and improving how lessons are taught virtually.

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

Approximately 350 pupils will be affected each year for the life of the materials.

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.

Materials: The **document camera** is a device that connects to the computer through a usb port. This camera is adjustable to function as either a web camera or a document camera. The **drawing tablet** is also a device that connects to the computer through a usb port and comes with a pen. It gives you a pen/drawing function for the computer screen.

Methods: Methods of use will vary depending on the content area and whether instruction is virtual or in-person.

The drawing tablet will be most useful during distance learning by giving teachers the functionality of a whiteboard on their computer screen. Currently teachers, specifically in math and science classrooms try to make do by pointing the web camera at their classroom boards to teach lessons. They are making this work, but they run into issues with the camera not picking up the marker, light glares on the board, and students not being able to read the small writing. The tablet would remove those issues.

The document camera will be useful in both modes of instruction. It would allow teachers to project whatever is placed in front of it at a large scale so that students can easily see. Here are a few examples...

1. A science teacher could show a small model of a cell (different types of rocks, real time dissections, images...) to the entire class at once up close.
2. A math teacher could demonstrate problems on notebook paper so that students can see EXACTLY how their assignments should look.
3. An english teacher could display pages of a novel and teach students annotation skills in the exact way they should use them.
4. An art teacher could display a genuine painting or sculpture from a specific period for students to analyze without worrying about passing it around and risking damage.
5. A robotics/engineering teacher could show a arduino board and all of its small anatomy.

There are many more applications in each content area!

Objectives: The primary objective is to engage students regardless of whether they are in person or learning from a distance. These tools will help provide our teachers with the necessary materials to do so.

4. Give a time schedule of implementation.

These materials will be put into classrooms as soon as they come in, around the fall of 2021.

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.**

5 6x4 inch drawing tablets	\$39.99 each	\$199.95
5 Document Cameras	\$69.00 each	\$345.00
Total		\$544.95

Alternative

5 Document Cameras	\$69.00 each	Total	\$345.00
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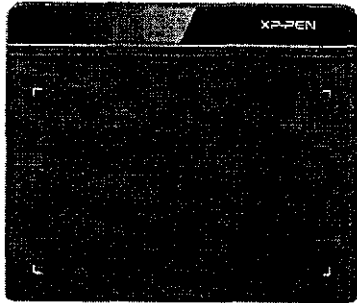
6. **What methods will be used for measuring the stated objectives, or what definite evaluation will you make to determine whether the grant was successful? (Please be specific)**

To assess the success of this grant, I will ask teachers and students through a survey or informal interview if they felt the tools helped them be more successful in the classroom. I would also like to know some of the ways they used the tools.

2,513

Electronics > Computers & Accessories > Computer Accessories & Peripherals > Input Devices > Graphics Tablets

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Connectivity Technology	Wired
Series	Star G640
Connector Type	USB

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- XP-PEN G640 Graphics Tablet is designed for gameplay, drawing, painting, sketching, E-signatures, etc. Battery-free Stylus making lines flow quicker and smoother, enhancing overall performance
- The perfect replacement for a traditional mouse! The XP-Pen advanced Battery-free stylus does not require charging, allowing for constant uninterrupted Draw and Play. The one-click toggle allows you to switch between Pen and Eraser instantly, suitable for both right and left hand users. Now comes with 20 replacement nibs. Allowing you to have more fun
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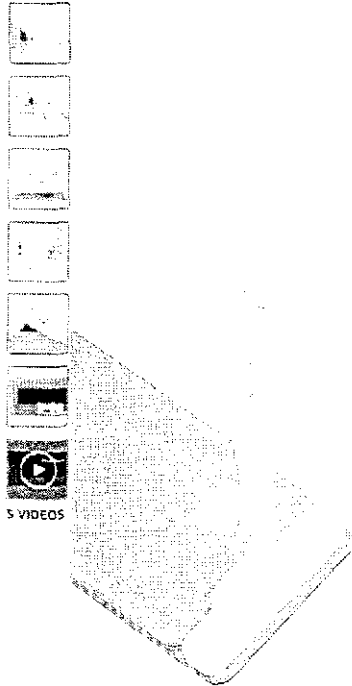
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Item Weight 269 Grams

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