



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: 2/13/2019

Grant Title: Tractor Restoration Project

School: Holdenville High School

Grade Level(s): 10th-12th

Content Area: Agricultural Mechanics I, & Agriculture Classes

Total Dollar Amount Requested: \$1,737.00

1. What is the major educational need this grant addresses? Please give grade level and academic area.
2. Approximately how many pupils will be affected by this project, 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.
4. Give a time schedule of implementation.
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.
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)

Brent
Reavis

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

The Agricultural Mechanics Class at Holdenville High School has been learning about tractor mechanics and the uses of tractors in local agriculture settings. The class has started a project this year in which we are planning to restore a tractor from the past to working order. The objective of the project is to learn basic tractor repair and maintenance. The class received a donated tractor from a member of the Spaulding Antique Tractor Club. The tractor is a 1954 Ford Jubilee tractor which was originally manufactured to celebrate the Ford Motor Company's fiftieth anniversary of production. I have been working with the Spaulding Antique Tractor Club to provide technical guidance to the students and to familiarize our students with a group of people from a different generation. The tractor club has been faithful to Holdenville High School by providing local scholarships every year for several years. The requested funds will be used to aid in the restoration process of the tractor while allowing students to learn basic working life skills used in an agricultural community. Our class has just begun this project and is in need of funds to complete the process. Our goal is to broaden our knowledge of agricultural skills and have a project that the students can exhibit in fairs, parades, and tractor shows, along with gaining a sense of pride and ownership knowing they completed a worthy task.

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

Twenty-two students are enrolled in the Agricultural Mechanics class and would be directly affected by the project. 65 other other students enrolled in other agricultural classes have also shown an interest in being involved in the project and will be indirectly affected. Future Agriculture students will also be involved in upkeep and repairs, so the number of students affected will be limitless. The project is intended to increase the interest in the Holdenville Agricultural program and to recruit younger students.

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.

The grant request includes funding for materials and tools listed below in the budget. Teaching methods include hands on experience gained by guest speakers on a regular basis from the Spaulding Antique Tractor Club. The Members are discussing a schedule to rotate the resource people through our class to work hands on with our students. The resource people would provide step-by-step instruction on tractor restoration. By bridging the generation gap, hopefully our students will gain an appreciation for an older generation. Hopefully this will add to the maturity of our students while learning from highly experienced individuals.

4. Give a time schedule of implementation.

This project would be completed at the end of the school year after the grant would be awarded.

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.

Below is a list of supplies and equipment needed to complete the projects:

Paint	\$75.00
Primer	\$80.00
Thinner	\$75.00
Sandblasting Abrasives	\$40.00
Oil	\$25.00
Oil Filter	\$10.00
Antifreeze	\$60.00
Battery	\$115.00
Hydraulic Fluid	\$32.00
Gasoline	\$10.00
Electrical Wiring	\$10.00
Masking Tape	\$30.00
Gravity Flow Paint Sprayer	\$65.00
Auto body filler	\$80.00
Sand Paper	\$56.00
Misc. Tractor Parts	\$300.00
Tractor Tires (4)	\$547.00
Spark Plugs (4)	\$15.00
Transmission Fluid (6.5 QTS.)	\$48.00
Differential Fluid (8 QTS.)	\$64.00
Total for Completion	\$1,737.00

Misc. Tractor Parts in the amount of \$300.00 is for parts required for repairs which would be unseen at this time. Dealing with a tractor of this age some parts may be fragile due to weathering and rust, and may become inoperable at any time.

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)

Completed construction will mark the completion of the objectives. Students will be graded on their participation and the skills gained by hands-on training. Future students will be taught and graded on their skills of a functioning tractor. End results will be the skills learned and the additional of a training tool for our agricultural program. Hopefully this project will increase pride and ownership in the Holdenville Agricultural Program.