



Holdenville Education Foundation
P.O. Box 641 ♦ Holdenville OK 74848
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Do Not Write in this Area
HEF use only

Grants to Teachers Application Form

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

Date: **March 31, 2011**

Grant Title: **"Home Tweet Home"**

School: **Thomas Middle School**

Grade Level(s): **4th – 7th Grades**

Content Area: **Science / Embryology / Life Skills**

Total Dollar Amount Requested: **\$932.64**

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)

"HOME TWEET HOME"

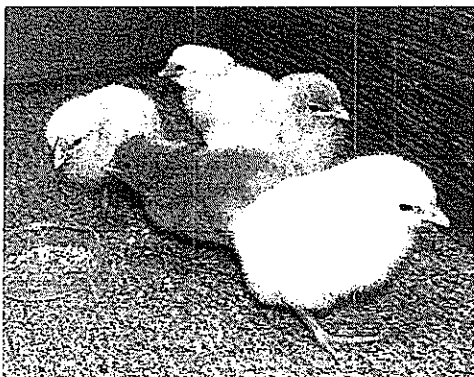
1. MAJOR EDUCATIONAL NEED

Making learning fun is a longtime goal of teachers. What better way to learn about life science than to see it in real life! Our students will have the unique opportunity of watching chickens hatch right here in the classroom! There is no better way to learn quality life skills than taking on real responsibilities in an indoor ecosystem. Students will be responsible for the following: caring for the baby chicks, feeding & watering them, cleaning the cages; as well as playing with them. This will be the ultimate "hands-on" experience for the students.

Holdenville educators and HEF are working hard to provide our students with the best opportunities possible. Therefore, I am asking HEF to invest in this "Ag in the Classroom" adventure, to be utilized in the 6th grade Social Studies / Science Classroom.

2. APPROXIMATE NUMBER OF PUPILS AFFECTED BY THIS PROJECT DIRECTLY AND INDIRECTLY.

Every student that enters the 6th grade will have the opportunity to interact with this project. The 2011-2012 projected enrollment in approximately 300 students, directly affecting approximately 83 students in the 6th grade. Other than the eggs and chickens themselves, all other items for this project are non-consumable, therefore, can be utilized and enjoyed for many years to come.



"HOME TWEET HOME"

3. DESCRIPTION OF THE PROJECT

For several years our local OSU Extension agent, Aubie Keesee, has been supplying our classroom with an Embryology Project. In 6th grade terms, "we have been hatching baby chicks!" Mr. Keesee has supplied us with incubators, turners, thermometers, candlers, etc. This project would eliminate the borrowing of these items, giving other educators in our county the opportunity to use them.

This project will begin by purchasing all the necessary items needed to go from fertile eggs to live chickens, such as; incubators, turners, candlers, feeding & watering systems, heaters, and hutch for housing. Mr. Keesee will still provide the majority of the eggs free of cost. Again, this will eliminate the loan of supplies from the extension office. Eggs will be purchased from Ideal Poultry and Privett Hatchery, both well known and reputable hatcheries. By doing this we become open to a variety of hatching possibilities.

As you can see from the pictures, we do not hatch your average chicks. The color is actually added to the egg a few days before hatching. A tiny hole is drilled into the egg and injected with food coloring, then sealed with a breathable strip. Once the egg hatches, "TaaaDaaa", colored chicks! This process is totally safe and does not harm the chicks in any way. Items needed for this step will be purchased by Thomas Middle School.

Experimental learning means having students do real-life, hands-on activities. This project is perfect for that. Not only will the students be using science skills, but also learning valuable life lessons they will not soon forget.

4. TIME SCHEDULE OF IMPLEMENTATION

As soon as funding becomes available, our "Home Tweet Home" ecosystem can be implemented. Mr. Keesee will supply our classroom with the eggs as they become available, normally in March and April. Other suppliers will send their products as they too become available.

"HOME TWEET HOME"

5. DETAILED BUDGET REQUEST

The supplies can be purchased from NASCO Agricultural Sciences,
P.O. Box 901, 901 Janesville Ave., Fort Atkinson, WI 53538-0901
1-800-558-9595, Fax 1-800-372-1236

The web address is www.eNasco.com

Hatcheries: www.ideal-poultry.com, www.privetthatchery.com

The price list for Nasco is attached:	\$832.64
Eggs from Poultry Hatchery	\$100.00

GRAND TOTAL \$932.64

THOMAS MIDDLE SCHOOL will pay for the following:

Food coloring	\$5.00
Drill	\$25.00
Drill bit	\$10.00
TOTAL	\$40.00

****TMS will also pay for any unseen expenses up to \$50.00****

ALTERNATIVE: IF FULL FUNDING IS NOT AVAILABLE

Nasco & Hatchery Products, minus the Chick-N-Hutch

TOTAL \$705.61

6. METHODS USED FOR MEASURING STATED OBJECTIVES.

The success of the project can be determined by the student's interest and enthusiasm. This project can also be assessed through teacher evaluations. In addition, it can be as used for reviewing new science concepts and covering many PASS objectives, such as, observing, comparing, measuring and calculating. This project will be an asset to help students understand the circle of life.

Nasco Agricultural Sciences

www.eNasco.com

1-800-558-9595

custserv@eNasco.com

Product Number	Product Name	Quant.	Price	Total
C28125N	Nasco's Classroom Incubator Kit	1	\$ 151.25	\$ 151.25
C18770N	Nasco's Classroom Brooder Kit	1	\$ 48.50	\$ 48.50
C25502N	Electronic Thermostat Hova-Bator	1	\$ 147.75	\$ 147.75
SB12143N	Automatic Electric Egg Turner	1	\$ 48.50	\$ 48.50
C28890N	Baby Chick Bulk Feeder	1	\$ 29.25	\$ 29.25
C24443(X)N	Jumbo Display Hygro-Thermometer	1	\$ 27.50	\$ 27.50
C06363N	Jiffy-Way Candler	1	\$ 24.75	\$ 24.75
C13882N	Cool-Lite Tester	1	\$ 14.35	\$ 14.35
C28448N	Poultry Wterer & Feeder Set	1	\$ 11.75	\$ 11.75
SB33201N	Hova-Bator Plastic Liner	2	\$ 9.35	\$ 18.70
C11387N	Clamp Lamp	2	\$ 6.70	\$ 13.40
C18772N	Extra Chick Feed	2	\$ 3.05	\$ 6.10
C12217N	Galvanized 1-qt. Jar Fount	2	\$ 2.75	\$ 5.50
SA08841(A)N	Replacement Thermometer for Hova-Bator	2	\$ 2.70	\$ 5.40
C24452(X)N	Clear Electric Ifrared Heat Bulb-125 watt	2	\$ 2.10	\$ 4.20
			SUBTOTAL	\$ 556.90
			SHIPPING	\$ 48.71
			TOTAL	\$ 605.61

Z40903N	Chick-N-Hutch	1	\$ 198.75	\$ 198.75
			SHIPPING	\$ 28.28
			TOTAL	\$ 227.03