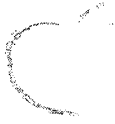


This Burrowing Owl Habitat is only the beginning. My ultimate goal is to create multiple habitats around the campus in order to have a Certified Wildlife Habitat of Arizona at Chaparral.

For Foundation Use: Grant # _____



HIGLEY
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**Mini-Grant Application Form
Cover Sheet Information
2008-2009**

Directions: Please complete all information, including appropriate signatures.

Mail to:

Higley Education Foundation
HUSD District Office
2935 S Recker Road
Gilbert, AZ 85295

(You may send this via intradistrict mail to the district office c/o HIGLEY EDUCATION FOUNDATION)

Total Dollar Amount Requested (\$300 Maximum)	\$300
Subject Area	Science
Grade Level(s)	K-8
Number of classes that will participate	1
Number of students who will participate	25 (approx.)
Project Title	Burrowing Owl Habitats
School	Chaparral Elementary
Applicant's Name	Corinne Mack
Day Phone Number	480-279-7953
Email Address (Best for HEF communication)	cmack@chaparral.husd.org
Applicant's Signature	<i>Corinne Mack</i>
Co-Applicant's Name (If applicable)	
Co-Applicant's Signature	



Mini-Grant Application Form 2008-2009

Objective:

To create a home for the burrowing owls currently on campus while promoting sustainability and caring for the environment.

Owl Burrows

I would like to create two (2) new homes for the burrowing owls currently living in the outside building lights at Chaparral Elementary while providing a community service act for a second grade classroom.

Why this project?

Burrowing owls are becoming endangered. One of the many reasons burrowing owls are disappearing is due to the large amounts of new construction. This single human activity causes a reduction in burrowing mammals, which provide the nests for the owls. Without a place to nest directly affects the burrowing owls ability to reproduce. With the newer construction in the Higley District it is easy to assume that our actions have impacted the homes of the owls we see on campus.

This project will provide two new homes to the owls that may have been affected by the newer construction of Chaparral Elementary as well as provide an on campus learning habitat for all grades to utilize.

Burrowing Owl Project: timeline, schedules, and students

Students impacted	Direct impact – My class. Approx. 25 second graders Indirect impact – 1400 primary and middle school students who will see the owls that perch outside their burrow during the daytime.
Time line for “Burrowing Owl Habitat”	
August 16	Purchase materials for habitats
August 17-August 21	Create burrow habitats for owls. Lessons on habitats for owls. Specific Burrowing Owls.
August 26	Present completed habitats to Jessica Edgar
August 28	Write to Arizona Fish and Game and invite them to come a view our habitat for approval.

Goal for success

Goal	Success
<p>Student will be able to tell;</p> <ul style="list-style-type: none">• The importance of creating a habitat for a potentially endangered owl. <p>Owls will;</p> <ul style="list-style-type: none">• Have a new home on campus with the ability to reproduce. <p>Teacher will;</p> <ul style="list-style-type: none">• Engage the students in a hands on project that will be unforgettable with many teachable moments. <p>Campus;</p> <ul style="list-style-type: none">• Be host of a certified animal habitat. (Arizona Fish and Game)	<ul style="list-style-type: none">• The students will be able to write about the importance of sustainability.• The owls will be able to reproduce.• The teacher will have made a meaningful impact on student learning.• The campus will have burrowing owl habitats on campus for all grades and students to enjoy and use as a learning tool.

Idea

This year I have noticed several burrowing owls in the area. Not only have I seen them on campus but I have also seen them around the neighborhood. Some of the places I have seen these owls are on Chaparral outdoor lights, Higley High outdoor track, and even on the roof of my car while visiting SanTan mall. I wondered where they came from and after a small amount of research it was apparent that the burrows of these owls are dwindling due the construction in Gilbert. It was also very clear that anyone can create a relatively inexpensive habitat to promote reproduction.

The Importance of the Project to Me

I have always wanted to create a habitat for a school. From my experience I have found that habitats become the heart of the school. Teachers create lessons around habitats which in return help reach all types of learners. Habitats also directly and indirectly teach students about sustainability and caring for the environment. These are two morals I think are very important to teach the youth of today.



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Mini Grant Application Budget

Please provide a detailed description of how you intend to use the funding provided by the Higley Education Foundation (HEF). Please note that you need to show the expense breakdown for Higley Education Foundation funding ONLY, even though other funders may finance this project.

Detailed description of how HEF funding will be used

Applicant Name:

	<u>Description</u>	<u>Budgeted amounts</u>
<u>Funding Requested from Higley Education Foundation</u>		
<u>Expenses:</u>		
Orange Buckets (2)	Owl Burrows	\$ 10
Corrugated Plastic Pipe (4 in. diameter) (24 ft.)	Owl Tunnel	\$20
Pavestone (5.5in X 8.25in)	Used to line perimeter of burrow	\$100
Vigoro Round Point Shovel	Dig burrows	\$18
Millstead (1in X 8in) (12 ft)	Perch for Owls	\$50
Grass seed	To replace grass removed	\$45
Expenses (HEF Total) This amount should match the amount requested from the Higley Education Foundation.		\$ 243 (prior to tax)

Burrowing Owl Habitat Project

Corinne Mack

Chaparral Elementary



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