

TERRA MINI-GRANT APPLICATION 2015-2016 SCHOOL YEAR

A. SCHOOL AND APPLICANT INFORMATION

Submission Date:	09.29.2015	School Year:	2015-16
School Name:	Hollywood Hills Elementary		
Type of School:	<input checked="" type="radio"/> Public	<input type="radio"/> Private	<input type="radio"/> Charter
Student Enrollment:	737	Number of Teachers:	38
Range of Grade Levels at School:	K-5	% Eligible for Free/Reduced Lunch:	30%
School Mailing Address:	3501 Taft Street	Hollywood, FL 33021	
County:	Broward		
Principal Name:	Patricia Hague		
Principal's Email Address:	patricia.hague@browardschools.com		
Applicant Name:	Anna Marie Pierpont		
Applicant's Phone #(s):	Schools Main # 754.323.6200	Direct # (cell)	772.882.8604
Applicant's Email Address:	annamarie.pierpont@browardschools.com		
Applicant's Affiliation to School/Organization	Teacher		
If Applicant is a Teacher, please list:	Teacher's Grade Level(s): 2	Teacher's Subject(s) Area:	All
If Parent/Community Volunteer or Other non-school staff, please list School Contact as a Co-Applicant:	Co-Applicant Name: none	Co-Applicant Affiliation to School/Organization:	n/a
If Co-Applicant is a Teacher, please list:	Teacher's Grade Level(s): n/a	Teacher's Subject Area(s):	n/a

B. PROGRAM INFORMATION

Please list the focus area(s) for this TERRA Mini-Grant request.	Sustainability	English Language Arts	Science	Student Publishing
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C. PROJECT INFORMATION

Project Title:	Preserving Habitats for Threatened Species		
Project Start Date:	01.15.16	Project End Date:	05.15.16
# of Students Participating:	19	Grade Levels of Students Participating:	2nd

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Mini-Grant Abstract (300 word max):

Briefly describe what your proposed project is about. Abstracts of winning proposal will be viewable at www.terraonline.org

Students will study threatened species to discover ways to preserve their habitats. This project will focus on two on-campus opportunities to study burrowing owls and butterflies in their respective habitats. It will then expand to other species and habitats. After researching and learning about each species, using “kid-friendly” cameras, students will capture photos and videos. Then, using iPads students will write articles about various aspects of each species and to edit the photos and video footage. It will all be included in an interactive electronic book designed to engage their peers in learning about the importance of protecting and preserving the habitats of threatened species. The interactive e-books will be composed by the students using iBooks Authoring software on the Macintosh and published to the iBooks Bookstore as a free download for other students and schools.

Mini-Grant Project Proposal (1500 word max)

Please explain how your proposed project/activity will enhance learning for your students. Include the following:

- 1) How is your project innovative? (25 points)
- 2) How will it fit into your curriculum (include standards)? (10 points)
- 3) How will it encourage long-lasting change in your classroom, school or community? (20 points)
- 4) How will technology be utilized? (20 points)
- 5) What evidence will you collect to show student gain? (10 points)
- 6) How will participants share your project results with the community? (15 points)

- 1) **This project is very innovative** in that it will take the students to a much deeper level of learning than simple observation and note taking. Students will need to research, take photos and create narrated videos that capture the essence of each threatened species, write articles advocating and suggesting their preservation, and assemble all of this information into a paperless e-book (further protecting the environment).
- 2) **This project fits nicely into the curriculum** for second grade. Our students will have the unique opportunity to document the life cycle of threatened species by visiting actual wildlife habitats right on our school grounds. They will gain valuable practice in mastering the following Florida **Standards** for English Language Arts, Science, and Visual Arts:

Language Arts

LAFS.2.L.2.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.

LAFS.2.RI.1.1 Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.

LAFS.2.RI.2.3 Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text.

LAFS.2.W.3.7 Participate in shared research and writing projects (e.g., read a number of books on a single topic to produce a report; record science observations).

LAFS.K12.W.3.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.

Science

SC.2.L.17.2 Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs.

SC.2.L.16.1 Observe and describe major stages in the life cycles of plants and animals, including beans and butterflies.

SC.2.L.17.1 Compare and contrast the basic needs that all living things, including humans, have for survival

SC.2.N.1.3 Ask "how do you know?" in appropriate situations and attempt reasonable answers when asked the same question by others.

SC.2.N.1.3 Distinguish between empirical observation (what you see, hear, feel, smell, or taste) and ideas or inferences (what you think)

Visual Arts

VA.2.F.1.1 Use imagination to create unique artwork incorporating personal ideas and selected media.

VA.2.F.3.2 Work with peers to complete a task in art.

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- 3) **This project will encourage long-lasting change** in our school, our community, and beyond through the message shared in the published e-book which will include suggestions for protecting these and similar habitats of threatened species. The interest of the children and their engagement fostered by this project will create for each a deep sense of long-lasting personal pride that will make them want to seek out the habitats and needs of other threatened species and lead to their brainstorming of additional ways to help those species.
- 4) **Technology will be utilized** in all phases of this project. Students will shoot photos and videos with Vtech Kidizoom cameras and transfer media to iPads for editing. Students will compose text for advocacy articles and edit photos and videos for inclusion in the interactive e-Book. Being able to zoom in and out on the habitats will foster the inspiration for students to create illustrations to also be included in the e-Book. Under teacher guidance, students will use iBooks Author software on the Macintosh to compose an iBook using the content they created to be published on the iBooks Bookstore as a free book for all.
- 5) **Evidence showing student gain** will consist of administration of pre/post tests show measurable gains about habitats and treated species. The real demonstration of their knowledge will be the e-book that they will publish for the world to see and share.
- 6) **Results will be shared with the community** in several ways. The project will become a permanent free book on the iBooks Bookstore so that other students, classes, and schools around the world will be able to share in the experience. A link to the e-Book will be published on the school web site. It will also be presented at a parent night showing the process that was followed and the product created.

D. BUDGET: Describe all costs associated with your project activity. *(Attach additional pages if necessary)*

Service/Item Description	Cost
*** See Attached Budget ***	\$ 2971.95
	\$
	\$
Total Cost of Project	\$ 2971.95
Amount requested from TERRA:	\$ 2971.95
If matching/additional funds have been identified to help pay for your project, please list →	Source: n/a
	Amount: \$0
If any goods or services have been donated for this project, please list →	Source: Certified Apple Trainer providing free training to teacher and students. iBooks Author Software is a free download. Photo and video editing software plus word processing software included in price of iPads and Macs
	Goods/Services: 3000

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Preserving Habitats for Threatened Species Budget

Item	#	ea	total
Kidizoom Camera Connect	4	42.99	\$171.96
Vtech Rechargeable Batteries Kit	1	17.99	\$17.99
MacBook Pro with AppleCare	1	1182	\$1182
Mini DisplayPort to VGA Adapter	1	29	\$29
iPad Air WiFi 32	3	429	\$1287
Apple EarPods with Remote and Mic	3	29	\$87
Lightning to VGA Adapter	1	49	\$49
Camera Connection Kit	2	29	\$58
Cases for iPads	3	30	\$90
TOTAL >>>			\$2971.95

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E. COMMITMENT

By submitting this application and signing below, you agree to the following:

- TERRA is not liable for any injuries or losses that may occur as a result of participation in the proposed project.
- The applicant is responsible for submitting an interim report and a final report using an electronic form provided by TERRA Schools that do not submit an interim report and a final report will not be eligible for future funding opportunities.
- Equipment purchased using mini-grant funds will become the property of the school receiving funds.

Applicant's Name:	Anna Marie Pierpont		
Applicant's Signature:		Date: 9/29/15	09.29.2015
School Administrator/ Principal's Name:	Patricia Hague		
School Administrator/ Principal's Signature		Date: 9/29/15	09.29.2015