

A Summary of Educational Activities NSF Project

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Four Workshops for San Diego Teachers

- June 14-16, 2013
 - Nov. 1-2, 2014
 - December 13, 2014
 - May 21-22, 2016
- 



Work with Jiangkou Elementary School

- Two Visits
 - Workshops for Teachers
 - Survey and English-Teaching
- 

June 2014 Workshop: (most from Helix High)

<http://complexities.org/pes/photos/2013-summer-workshop/>



June 2014 (continued): Stewart & Minjuan Presenting

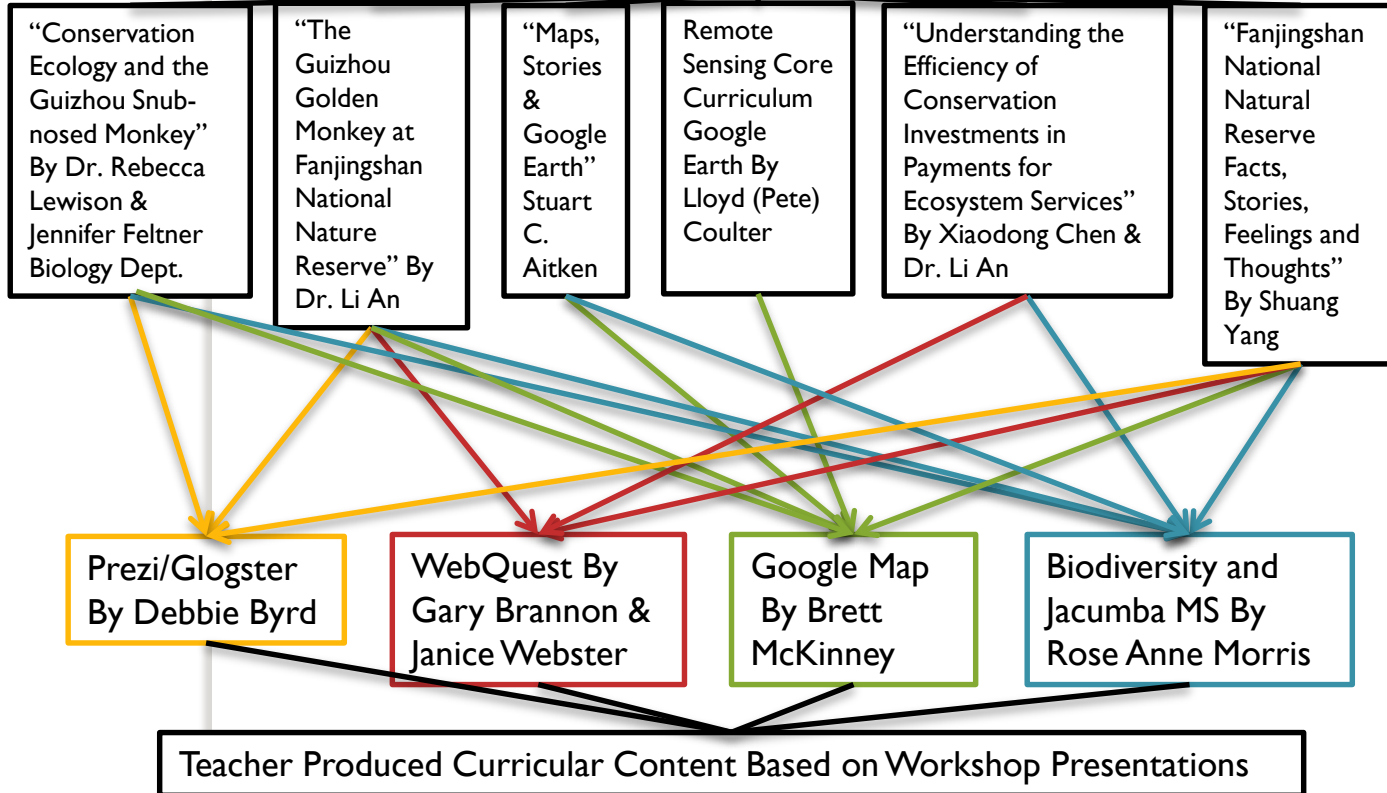


1st Workshop: Outcomes

- Detailed Curriculum Analysis
- Conference presentation
 - Tampa, [AAG Annual Meeting](#)
 - Prague, [Intelligent environments-educational forum](#)
- Publications
 - Wang, M. J., Humphrey, T., & Samora, P. (2015). Content Evaluation of Curriculum Developed following NSF-Supported Teacher Workshop. *Ambient Intelligence and Smart Environments* (pp. 197-207)

Golden Monkey Project Transfer to K-12 Lessons

2013 Golden Monkey CNH Project Teacher Workshop: Presentations



Second Workshop (Nov 1-2, 2014)

- Focus on training **local K-12 teachers** and also **community college instructors** to develop new curriculum and learning activities.
- Participants are from 3 different settings
 - *K-12 schools, Community Colleges, and the County's office of Education*



Second Workshop: Results

- A variety of rich curricular materials that will be valuable tools for teaching across the k-12 spectrum.
- Link to Teacher Lesson Plans
- <https://drive.google.com/open?id=0BwzthtwsHOL0Y0xQNHhHQXN0bDQ>
- *Project Evaluation Report*: by students in Learning Design and Technology

USE SCHOOLOGY TO SHARE THEIR CURRICULA: 课件共享平台

The screenshot shows a web browser window with the Schoology website. The browser's address bar shows the URL <https://www.schoology.com/group/46708359>. The page header includes the Schoology logo and navigation links: Home, Courses, Groups, and Resources. The user is logged in as Min Wang. The main content area is for the 'NSF-SDSU Golden Monkey Project' group. On the left, there is a profile picture of a woman and a sidebar with links to Group Options, Updates, Discussions, Albums, Members (9), and Resources. The main feed shows a post by Debi Byrd with a link to a glogster example and a PDF attachment titled 'Brainstorm activity mentioned above'. Below this is a post by Jennifer Stitt. The right sidebar shows 'Upcoming' events (none listed) and '9 Members' with their profile pictures. At the bottom left, there is an 'Access Code' section with the code CSKXM-DRSBP and a 'Reset' link.

NSF-SDSU Golden Monkey Project

Write an update

Post

Most Recent

Debi Byrd
Link to final student project glogster example:
<http://byrdeb.edu.glogster.com/hot-spots-earth-biology/>
Keep in mind it is a work in Progress.

I put together a Prezi: http://prezi.com/lw7kafu4wejb/?utm_campaign=share&utm_medium=copy
and Brain storming activity I'll attach as pdf.

Brainstorm activity mentioned above 390 KB | [VIEW](#)

Fri Jul 26, 2013 at 11:24 pm [Comment](#) · [Like](#)

Jennifer Stitt
I do not have anything concrete yet because I waiting for GIS data.
However here are my thoughts shared at the professional development.

1. Work with Mrs. Wu-Walden on gathering students to work outside and simulate the energy-in and energy-out concept of the different zones around the reserve. The football field at our school will serve as the protected area, the track will be the buffer ...

[Show More](#)

Upcoming - [Add Event](#)
There are no upcoming events

9 Members

Access Code
CSKXM-DRSBP [Reset](#)

Information [Edit](#)

2014 Teacher Workshop: Curriclula ShowCase



Note: All Teacher Names Are Linked to Full Lessons

Yuchiao Nancy Wu-Walden Lesson 1



Helix Charter High School



-10th Grade, College Prep Biology

-Students learn about how living organisms interact with one another and with non-living factors in their environment.

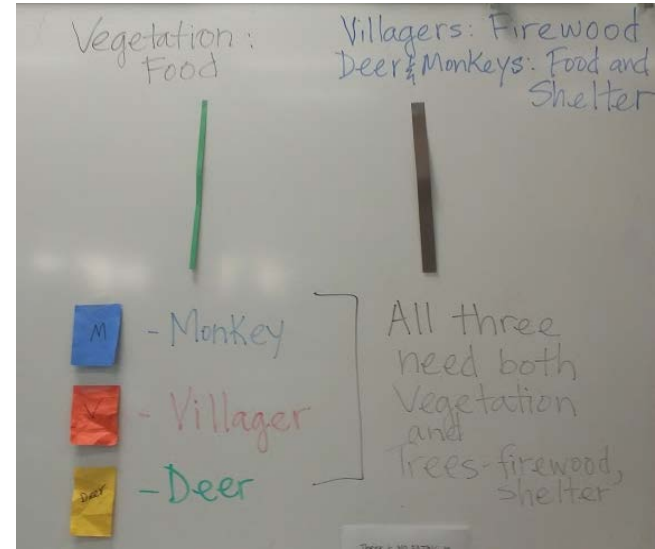
-Introduction PowerPoint

<https://docs.google.com/presentation/d/1bzXDnpcqaYaCM3NsdYBDgKinJz55guoYsfxZlf99w54/edit#slide=id.p31>

-Limiting Factors in their Habitat Activity

https://docs.google.com/document/d/1zjbmaYualB_LDEmyzUhTH2IsMjUcEMkt4mY-XzRqWNU/edit

[Click to View
Video Clip of
Activity](#)



Rose Ann & Amanda



-Students will recreate a survey from the Golden Monkey Project

Objective: Students will model data collection. Students will choose appropriate graphs and create a graph to display data. Students will consider place attachment when making predictions.

+Community Survey

+Analyze data

+Create visual displays of results

+Predict consequences of place attachment

Place Attachment Survey for Boulevard /Jacumba

1. What is the place that you now consider to be your home, no matter where you are actually living now?

1. Each of the twelve statements on this page refers to the place that you now consider to be your home. Please circle the number on the right that best matches your own personal response to each statement.

Each of these statements refers to the place that you now consider to be your home:	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I feel that this place is a part of me.	1	2	3	4	5
This place is the best place for what I like to do.	1	2	3	4	5
This place is very special to me.	1	2	3	4	5
No other place can compare to this place.	1	2	3	4	5
I get more satisfaction out of being at this place than at any other.	1	2	3	4	5

Ruth Mass



AP Biology, Biology Steele Canyon High School

Objective: Students will investigate what factors are essential, and which are lacking for the Golden Monkey to maintain a dynamic homeostasis in its unique habitat. Students will use video capture data and current research to formulate a plan that can reverse the decline in the Golden Monkey population.

Purpose: Students will understand that manmade and natural changes in environment directly affect the homeostasis of animals, particularly endangered species. Students will evaluate data to formulate a plan to save the Golden Monkey species.

- +Introduction to project and content
- +Video Capture activity and analysis
- +Additional data analysis methods
- +Project Presentation



Sarah Connors



Hillsdale
Middle School
Home of the Huskies!

-Math Hillsdale Middle School

Objective: After learning about endangered species, including the golden monkey, students will be able to perform various simulations to estimate the size of a population and create a Google site to display the knowledge they have gained as a result as their experiences.

Purpose: Students will understand that math plays an important part to solve global issues.

- +Overview of the SDSU Golden Monkey Project
- +Determining Population Size
- +Incomplete and Capture and Release Method
- +Introduce Google Site Project

May 2016 Workshop

- Seven local K-12 teachers attended
- Teachers will use our project data, models, concepts, and technologies in their classroom or online teaching
- ▶ Immerse their students with concepts of conservation and human-environment sustainability.





2016 Golden Monkey Workshop

- Project and Past Workshop Background



- Presented by Trevore Humphrey

2016 Curriculum & Learning Outcomes

► Work in Progress

Student Learning Outcomes (Steele Canyon High)

- In addition to learning about the Golden Monkey through videos and research, the students were able to take a field trip to the San Diego Zoo and observe the primates.
- Blog 1: <http://bettyjensenzoo.blogspot.com/2015/05/please-post-your-observations-and.html#comment-form>
- Blog 2: <http://bettyjensen.blogspot.com/2015/05/overview-of-project.html#comment-form>



Dec. 13, Golden Monkey Day

- The Golden Monkey project team along with SDSU International Studies Education Program (ISTEP) and the SDSU Confucius Institute
- Bring together a small elite group of elementary school teachers for a curriculum workshop.
- Producing **a highly developed and standards based curricular unit** for to elementary teachers all over San Diego.



Teacher Presentation Today



- RoseAnn Morris
- Ruth Maas

Attended all or most of the workshops

Summer 2013

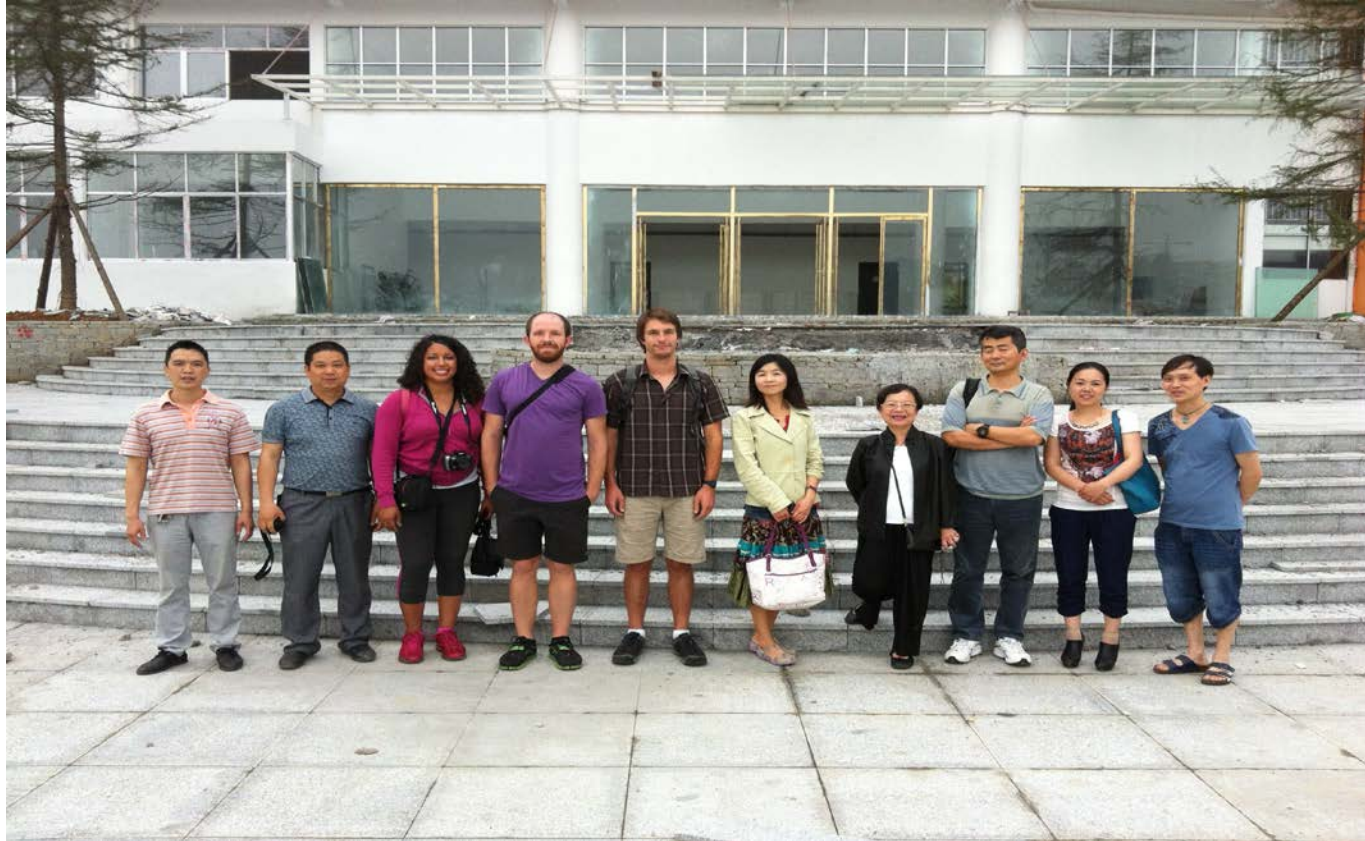


Teacher Training





Outreach to China: Summer 2014





Steve Interviewing Kids & also Teaching English

