



MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING (the "Memorandum") made this 2nd day of September, 2014, by and between the Oakland Zoo Education Department (OZED) and the East Bay Innovation Academy (EBIA) regarding ten, half-day conservation classes to be taught by Oakland Zoo Education staff for 6th and 7th grade EBIA students during intersession, October 13-17 and October 20-24, 2014 (the Project).

WHEREAS OZED and EBIA desire to enter into this Memorandum, setting out the terms, conditions, and services to be provided by such understanding and collaboration on the Project as set forth in the attached Scope of Work and Course Description.

1. FUNDING

- A. EBIA shall provide the sum of \$2,800.00 to Oakland Zoo Education Department for the creation, planning and teaching of ten, half-day classes as described in the attached SOW and Course Description.

2. TIME PERIOD

This Agreement covers the periods from October 13, 2014 to October 17, 2014, and October 20, 2014 to October 24, 2014. Each class will start at 9:00 AM and end at 1:30 PM. If the Project is extended for additional intersession courses during the 2014/2015 school year, the time period of the Agreement will be modified subject to amendments signed by the two parties.

3. TERMINATION

East Bay Innovation Academy may terminate this Agreement, in whole or in part, with cause, with a four-week notice of termination. Such notice shall be given in writing.

Signatures of Authorized Representatives

Name: Dr. Joel Parrott
Title: President, CEO
Organization: Oakland Zoo

9/2/14

Date

Name:
Title:
Organization:

Date

EBIA Intersession
Conservation: From Global to Local
Scope of Work and Course Description
DRAFT

Program Dates: October 13 – October 17 and October 20 – October 24

Program Times: M-F 9:00 am – 1:30 pm; M-F at OZ

Student Numbers: max 60/week (120 total) + chaperones

Proposed Schedule:

- **Day 1:**
 - What is a species, a subspecies? How do we decide this...biological species concept
Conservation classifications (IUCN), How do we decide what to conserve? Why?
 - 9:00-10:00
 - KD to make PPT presentations on species... and IUCN classifications
 - IUCN – research opportunity. Have students split into small groups and use iucnredlist.org to research different categories of endangerment. How do we decide what to conserve? Why?
 - Limitations: year, scope (global),
 - Split into 12 groups of 5 (2 groups research each classification, LC, NT, VU, EN, CR, EW)
 - Research for 1 mammal, bird, reptile, amphibian, fish, plant, arthropods
 - Report on: Classification, justification, range, year published, threats, population, population trend, fun/interesting fact, how to decide what to conserve (why did you choose these animals?)
 - Table groups will work as conservation organization to decide what to conserve (give #'s of EN, CR, VU...)
 - 10:00-11:00
 - Zoo Tour w/ enrichment focus
 - 11:00-12:00
 - Lunch in meadow – draw enrichment animals for each group
 - 12:00-12:30
 - Observations
 - 12:30-1:00
 - MS to look for/create observation sheet
 - Wrap-up
 - 1:00-1:30
 - HW – research species think about enrichment project ideas
 - MS to find past enrichments projects
 - Discussion on Enrichment, split into small groups (3-4) to research enrichment (zoo tour, previous projects) and pick an animal to work with.
 - Each day work in PM on enrichment project → use science, engineering, art...
 - Observations, research (HW), presentation of idea, materials list, SPIDER model...
 - Why is enrichment important → present a hypothesis

- **Day 2:**
 - Zoo Conservation Partners: Proyecto Titi, Giraffe Conservation International, 96 Elephants, Panamanian Golden Frog...
 - 9:00-9:30
 - KD to make PPT slide
 - Case Studies: wolves, mountain gorilla, WPT... / Vet Hospital Tour
 - 9:30-12:00
 - MS to work on case studies and contact CB regarding VCH tour
 - Lunch in WLT
 - 12:00-12:30
 - PM - Enrichment Project
 - HW review – hypothesis, decide on enrichment – make a sketch, needs to engage all senses
 - 12:30-1:30
- **Day 3:**
 - AM – Condor Camp
 - 9:00-11:00
 - MS revising to fit into 1, half-day
 - Lunch
 - 11:00-11:30
 - PM – Enrichment Project (if anyone is doing papier-mâché this is good time to do)
 - 11:30-1:30
- **Day 4:**
 - Creek Day
 - Watershed introduction – is the AVC in the same watershed as the EBIA creek?
 - 9:00-9:30
 - Creek Project w/ hort. – native vs. non-native discussion
 - 9:30-11:30
 - KD to coordinate w/ hort.
 - Creek scavenger hunt in groups – binoculars, id sheets...
 - 11:30-12:00
 - Lunch at creek/ TT
 - 12-12:30
 - PM Enrichment
 - 12:30-1:30
- **Day 5:**
 - AM – finishing touches on enrichment, observation sheets
 - 9:00-11:00
 - Lunch
 - 12:00-12:30
 - PM – give out enrichment and observation of behavior
 - 12:30-1:30