

WILDLIFE

LEARNING ADVENTURES

2011-2012

Teacher Resource Guide
to the San Diego Zoo and
San Diego Zoo Safari Park

Kid tested—

Teacher approved

Standards aligned—

Cross-curricular

Preschool to grade 12—

Super value

Free or discounted admission
for all school groups



WELCOME to WILDLIFE LEARNING

at the SAN DIEGO ZOO and
SAN DIEGO ZOO SAFARI PARK

- Non-San Diego County schools and those that don't meet the qualification guidelines receive a reduced admission fee of \$6 per student on traditional school days. All schools pay \$7 per person on weekends, holidays, and during the summer. Advance reservations are required.
- Guided tours and classes are offered for all groups with advance reservations.
- The San Diego Zoo can also come to your school with one of our traveling programs to bring wildlife into the classroom.
- Best of all, everything we do is aligned to California State Standards. We support your classroom studies in all curriculum areas: science, language arts, fine arts, social studies, and math.
- Join our teacher event at the San Diego Zoo, listed on page 4 of this brochure, and learn how our resources support your curriculum needs.
- Pre-ordered lunches are available. Each lunch includes animal cookies, chips, a drink, and your choice of a hot dog, chicken strips, or cheese sandwich. Lunches can be ordered after you have made a reservation, no later than two weeks prior to your visit date. For Safari Park lunch reservations, call 760-738-5055; for Zoo lunch reservations, call 619-557-3962.

How to Use the Zoo and Park:

Action Steps:

- Make a plan. Do you want us to visit your school (Zoo only) or can you bring your students to us?
- Pick the best date(s) for your wildlife adventure.
- Check on your travel arrangements.
- Review our program options. What would work best for you, your students, and your curriculum?
- Call us for more information or visit sandiegozoo.org/education. Click on "field trips," and download a reservation form.

Suggestions for Field Trip Success:

- Request a free teacher planning pass and visit us before your trip. This will help you design your plans. (One pass per teacher.)
- Plan your field trip for the fall or winter months when the crowds are smaller.
- Be sure to have an accurate final count of students and chaperones when you arrive to speed up check-in.
- If you plan to tour on your own, use the free, self-guided materials we provide for the optimal experience.



CALL US WITH QUESTIONS OR TO MAKE YOUR RESERVATIONS:

San Diego Zoo: 619-557-3962 or 619-557-3963
San Diego Zoo Safari Park: 760-738-5057

VISIT OUR WEBSITE TO LEARN ABOUT OUR PROGRAMS
AND TEACHER RESOURCES: sandiegozoo.org/education

In Appreciation of Our Donors



The American Psychological Association sponsored the Institute's conservation education programs.

Annenberg Foundation provided funds to bring Los Angeles County school groups to the Conservation Education Lab for an innovative science program.

An Anonymous Foundation supported the School in the Park program and School in the Park Family Day.

An Anonymous Individual supported the Zoo Corps program.

Aqualia Foundation Ltd supported the Conservation Biology Summer Workshops.

Edward Ted Ball Fund at Fidelity Charitable Gift Fund provided free transportation to the Safari Park for underserved school groups.

Bank of America Foundation provided free Zoo outreach programs to underserved San Diego County schools.

BBVA Compass Foundation funded San Diego County outreach assembly programs for underserved schools.

Patricia Beckman supported our conservation education programs at the San Diego Zoo Institute for Conservation Research.

Beckman Coulter Foundation provided funds to bring school groups from Fullerton Union High School to the Conservation Education Lab for an innovative science program.

BJH Foundation supported the Zoo's Second Grade Life Cycles program.

Edyth Bush Charitable Foundation provided funds to purchase an education outreach vehicle for the San Diego Zoo.

Glen and Bobbie Ceiley Foundation provided free transportation to the Safari Park for underserved school groups.

Chevron funded San Diego County outreach assembly programs for underserved schools.

Cheyney Family Fund at the San Diego Foundation provided Zoo camp scholarships to children from low-income families.

City of Sunnyvale sponsored the Tiger Tales program at the Safari Park.

Carolyn and Clifford Colwell funded the Safari Park's Conservation Corps program.

Donald C. and Elizabeth M. Dickinson Foundation supported the Zoo's Second-Grade Life Cycles program.

Hattie Ettinger Conservation Fund at the San Diego Foundation provided funds to redesign, rewrite and reprint our local habitat brochure.

Farrell Family Foundation provided funds to bring underserved San Diego County schools to the Conservation Education Lab for an innovative science program.

Samuel I. and John Henry Fox Foundation supported the Save Our Aquatic Resources program at the Safari Park.

Georges and Germaine Fusenot Charity Foundation supported the Zoo Corps program.

Genentech, Inc. sponsored the Conservation Biology Summer Workshops.

Gooding Family Foundation funded the Zoo's Second Grade Life Cycles program.

Hervey Family Fund at the San Diego Foundation provided funds to purchase an education outreach vehicle for the San Diego Zoo and provided free Zoo outreach programs to underserved schools in San Diego County.

H. C. Holderfield provided new equipment for the Zoo's Education Department.

Hunter Industries sponsored the Save Our Aquatic Resources program at the Safari Park.

Issa Family Foundation supported the Save Our Aquatic Resources program at the Safari Park.

Kaiser Permanente funded the Children's Rainforest Art program.

Life Technologies and the Life Technologies Foundation sponsored the Conservation Biology Summer Workshops for Middle School Teachers.

McCarthy Family Foundation provided funds to bring underserved San Diego County school groups to the Conservation Education Lab for an innovative science program.

Mission Valley Community Foundation provided Zoo camp scholarships to children from low-income families.

John Parker supported the Education Department at the Safari Park.

Maryanne & Irwin Pfister provided new equipment for the Zoo's Education Department.

Arthur and Jeanette Pratt Memorial Fund supported the Educator Preview Event at the San Diego Zoo.

Price Family Charitable Foundation supported our partnership program with the Monroe Clark Middle School and the School in the Park program, and provided funds to upgrade our educational facilities at the San Diego Zoo.

Rice Family Foundation provided free Zoo outreach programs to San Diego County schools and supported the Zoo and Animal Express Therapy Outreach programs.

Ellen and Wayne Rosenbaum supported the Zoo's Education Building.

San Diego Gas and Electric supported the Zoo's EnviroSchool and Go Green programs and the Cans for Critters program.

Sempra Energy Foundation supported the Zoo's Stream Team Stewards program.

SE Pipe Line Construction provided funds for new interpretive elements at the Safari Park's Biofiltration Wetland.

Solar Turbines Incorporated provided funds to bring underserved San Diego County school groups to the Conservation Education Lab for an innovative science program.

Success Optimist Club of San Diego supported the Children's Rainforest Art program.

Takahashi Family Fund at the San Diego Foundation supported the BeWISE program.

Target supported the San Diego Zoo Safari Park's early learning literacy program, Tiger Tales.

Alba and Thomas Tull supported the Conservation Biology Summer Workshops.

Alice C. Tyler Perpetual Trust provided funds to bring Los Angeles and Orange County school groups to the Conservation Education Lab for an innovative science program.

Union Bank Foundation sponsored the Educator Preview at the San Diego Zoo.

U.S. Bank supported the Conservation Biology Summer Workshops.

Walton Family Foundation Inc. provided funds to bring underserved school groups to the Conservation Education Lab for an innovative science program.

WD-40 Company supported the Second Grade Life Cycles program at the San Diego Zoo.

Wells Fargo Foundation funded the Girls in Science program.

Whitney Family Fund at the California Community Foundation provided Zoo camp scholarships to children from low-income families.

Robert and Marion Wilson supported the Conservation Biology Summer Workshops.

Carl E. Wynn Foundation provided free science programs to Los Angeles County schools.

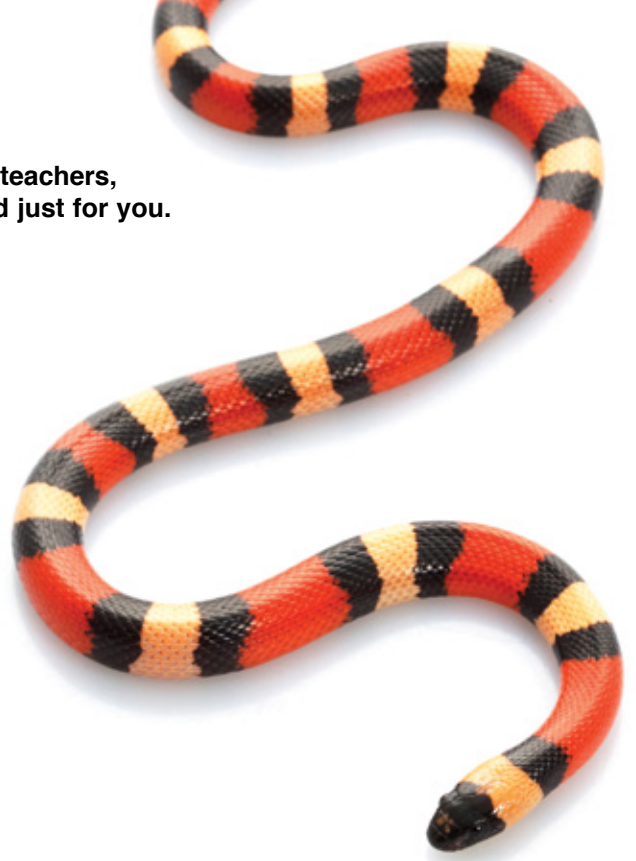
FALL EDUCATOR EVENT

Ready for a fun event in your honor? The San Diego Zoo invites teachers, PTA officers, and school administrators to a special event geared just for you.

Wednesday, November 2, 2011 at the San Diego Zoo 4-8 p.m.

The San Diego Zoo strives to connect people to wildlife and conservation. At the Conrad Prebys Polar Bear Plunge, one of the main goals is to inform visitors about the effects of climate change on the Arctic and polar bears. Using Polar Bear Plunge as an enriching tool, we hope that students develop a new understanding of the polar bear's lifestyle, the threats of climate change, and what they can do in their own lives to help. This evening you will ride Skyfari and have the opportunity to tour the exhibit and learn from the experts. Along with a sumptuous meal, you will receive educational materials and can enter our raffle to win a free Zoo program for your school, among other prizes. Discounts will be offered in the gift shops. Admission is \$7.50 for this limited-space event and reservations are required. The evening is for educators, PTA officers, and administrators ONLY; no children or family members, please.

Reservations are required; see form below.



OTHER EVENTS

Kids Free Days

October 1-31, 2011

In honor of the Zoo's founding, children ages 3-11 are admitted to the Zoo and Safari Park free when accompanied by a paid adult during October. In-county and out-of-county school groups, grades pre-K-12, are admitted free (fees for chaperones and teachers still apply) but must make a reservation. To reserve, call the Zoo at 619-557-3962 or 619-557-3963 or the Park at 760-738-5057.

Cans for Critters

Your students can collect "Cans for Critters." Funds raised from these recycling efforts support conservation research. For more information, e-mail cansforcritters@sandiegozoo.org or call the program coordinator at 619-557-3915. You can also visit our website at sandiegozoo.org/cansforcritters.

Student Questions

Teachers: the Education Department is not able to research student questions over the telephone. Please submit your written requests via e-mail to trattan@sandiegozoo.org, fax to 619-232-6823, or mail to:

San Diego Zoo

Attn: Education Department Volunteer
P.O. Box 120551
San Diego, CA 92112

We always encourage students to visit our website to research animal questions: sandiegozoo.org.

FALL EDUCATOR EVENT RESERVATION FORM

Space is limited...sign up NOW!



Event at the San Diego Zoo:

Fee is \$7.50. Program is for educators, PTA officers, and administrators only. Make a check payable to San Diego Zoo and mail to Educator Event, San Diego Zoo Education Dept., P.O. Box 120551, San Diego, CA 92112-0551, or fax your reservation with credit card information to 619-232-6823.

Names: _____

School: _____

Address: _____

E-mail: _____

Daytime phone: _____ **Fax:** _____

For credit card users: I authorize the Zoological Society of San Diego to charge my credit card for program fees.

Visa, MasterCard, or Discover Card number _____ **Expiration date** _____

Cardholder's signature _____

SAN DIEGO ZOO ON-GROUNDS PROGRAMS

Reservations are required. To make a field trip reservation or book a program at the Zoo, call 619-557-3963 or 619-557-3962. For more program details, visit our website at sandiegozoo.org/education.



Self-guided Visits

You're the tour guide when your class visits the Zoo on a self-guided tour. FREE grade-specific educational materials supporting the California Science Standards will be sent prior to your visit so that you and your chaperones can easily direct your students through the Zoo. Reservations are required. **Fee:** Admission is FREE for students and chaperones for San Diego County schools during the traditional school year. Schools located outside of San Diego County pay a discounted rate of \$6 for students and chaperones on traditional school days. All schools pay \$7 per person on weekends, holidays, and during the summer. School groups without reservations pay regular admission rates. Reservations must be made at least 2 weeks (10 business days) prior to your visit date or a \$20 late fee will be charged.

Guided Tours and Programs

If you don't want to be the tour guide, a Zoo Educator can guide your students through the Zoo while enlightening them with inside information. All programs include a bus tour, behind-the-scenes visits, and up-close animal encounters.

Length: 2 hours

Maximum audience: 40 (students and chaperones)

Fee: \$200 per group. Add discounted admission if you are not in San Diego County.

Inside Story Tour
(Grades K–12)
Life Science, Careers

Dr. Harry's Time Machine
(Grades 1–8)
History

Once Upon a Time
(Grades K–6)
Literature, Life Science

Whodunit?
(Grades K–8)
Life Science, Conservation

Critter Coverings presented by Fisher-Price®

(Grades preschool–2)

Life Science, Adaptations, Classification

This program features up-close animal presentations and interactive instruction by a Zoo educator.

Length: 35–40 minutes

Maximum audience: 40 per group (students and chaperones)

Fee: \$175 for each program

Elephant Odyssey Curriculum

(Grades K-12)

The materials contained in this packet have all been specifically designed to prepare students for their visit to Elephant Odyssey. Everything we do is aligned to California State Science Standards. Go to sandiegozoo.org/education to download the materials.

Polar Bear Plunge Curriculum

(Grades K-12)

The materials contained in this packet have all been specifically designed to prepare students for their visit to the Conrad Prebys Polar Bear Plunge. Everything we do is aligned to California State Science Standards. Go to sandiegozoo.org/education to download the materials or attend the Educator Event at the Zoo on November 2 and receive the materials packet FREE. See page 4 for more details.

SAN DIEGO ZOO OUTREACH PROGRAMS



We can bring wildlife, fun, and learning right to your school! Just call 619-557-3963 or 619-557-3962 to reserve an outreach program for your auditorium or classroom. Due to a generous donation, some schools qualify for a FREE program. Call for details. For more program details, visit our website at sandiegozoo.org/education.

Assemblies—For Your Whole School!

All assemblies feature live animal presentations, a Zoo Educator and a guest performer—either Dr. Zoolittle, the Zoo's zany, good-natured wildlife researcher, or Wild Wes, the musical adventurer. After the program, each student will receive a coupon providing free admission to the Zoo (when accompanied by a paid adult).

Length: 45–50 minutes

Maximum audience per assembly: 350

Fee: \$350 for the first assembly and \$175 for each additional assembly (same day, same school, same room location, same program). A mileage fee may apply. Due to a generous donation, some schools qualify for a FREE program. Call for details.

Grades K-8:

Nature's Tricks with Dr. Zoolittle

Life Science, Adaptations

Icky, Yucky, Gross Bugs with Dr. Zoolittle

Life Science

NEW! Watershed Wizards with Dr. Zoolittle

Life Sciences, Earth Sciences, Ecology

Grades K-3:

Travel the Globe: Music, Wild Wes, and Wildlife

Geography, Life Science, Music

Be a Planet Protector with Wild Wes

Life Science, Ecology, Music

Grades 3-8:

Dr. Zoolittle's Eco-Heroes

Life Science

Dr. Zoolittle Explores Endangered Species

Life Science, Ecology

Programs—in Your Own Classroom!

Most classroom programs feature live animal presentations, a Zoo Educator and the Zoo's zany, good-natured wildlife researcher, Dr. Zoolittle. Each student receives a coupon providing free admission to the Zoo (when accompanied by a paid adult).

Length: 35-45 minutes

Maximum audience: 25 per classroom for grades pre-2 and 40 per classroom for grades 3-12

Fee: \$200 for the first program and \$100 for each additional program (same day, same school, same program). A mileage fee may apply. Due to a generous donation, some schools may qualify for a FREE program, call for details.

Preschool-Grade 2:

Critter Coverings presented by Fisher-Price®

Life Science, Adaptations, Classification

Close-up animal presentations and fun interactives, designed especially for younger students, help children discover what animal coverings matches which type of animal: fur = mammal, scale = reptile, feather = bird.

NEW! Growing Up Green

Life Sciences, Physical Sciences

Even the youngest students can be super heroes for the Earth! Animal presentations and fun activities emphasize how easy it is to be green.

ZooTV, Videoconference Connection in Your Classroom

(Grades preschool–12)

Life Science

Zoo Educators and animals will “visit” your classroom using special videoconference equipment at your school (IP connections only). Choose from the following program themes: Animal Adaptations, Animal Classification, or Endangered Species.

Length: 30–45 minutes (depending on grade level)

Maximum audience: 60

Fee: \$129 per program

Grades 3-6:

Go Green

Life Sciences

A fun-filled visit of games and activities. Discover simple ways to make your classroom greener as you help wildlife and their habitats.

NEW! Go With the Flow

Life Sciences, Earth Sciences

An introduction to the local watershed is followed by a rotation through three interactive Discovery Stations where students used their problem-solving skills to solve watershed challenges.

Grades 7-12:

NEW! Bioinspiration—Nature's Best Ideas

Life Sciences, Biology, Ecology, Evolution

Introduction to the concept of biomimicry, the science of taking inspiration from nature. Features hands-on activities that will allow individual students a chance to foster creativity and think in new and innovative ways. Optional: A follow-up session is available for in-depth studies.

Zoo To You Classroom Kits

(Grades K–12)

Each kit contains challenging activities that bring wildlife lessons into your classroom. (Note: Kits must be picked up and returned to the Zoo's Education Department.)

Fee: \$5 for 2-week loan, plus a refundable \$150 deposit.

Kit 1: Animal Adaptations (Grades K–3)

Life Science

Kit 2: Habitats (Grades 3–6)

Life Science

Kit 3: The Cutting Edge (Grades 6–12)

Life Science, Conservation

Kits 4-10: Koalas (Grades preschool-12)

Life Science, Conservation

SAFARI PARK PROGRAMS

Reservations are required. To make a field trip reservation or book a program at the Park, call 760-738-5057. For more program details, visit our website at sandiegozoo.org/education.



Safari Park On-Grounds, Educator-Led Programs

\$150 per program (unless otherwise noted); admission fee may apply. Maximum audience size is 40, including students and chaperones.

Amazing Adaptations (Preschool–K)

Fee for this program is \$100.

Science, Language Arts, Math, P.E., Visual and Performing Arts

Born to Be Wild (Grades 1–2)

Life Science, Language Arts

California Cruising (Grades 3–5)

Science, Language Arts, History and Social Sciences, Technology

Elephant Architects (Grade 6)

Science, Language Arts, Social Sciences, Technology

Going Places (Grade 7)

Science, Math

Soarin' So Cal (Grade 8)

Science, Math, Technology

Science Behind the Scenes (Grades 9–12)

Science, Geography

Save Our Aquatic Resources (SOAR) Program (Grades 3-5)

The Safari Park offers water education at our Biofiltration Wetlands. During the SOAR program, elementary school students tour the wetlands and the Park's water recycling facility to discuss water conservation, its importance for daily survival, and how humans have learned to clean water. Children will learn ways that their daily actions can help make a difference. – *Science*



Safari Park Self-Guided Programs

Complimentary program; admission fee may apply.

The Case of the Crazy Coverings

(Preschool–K)

Science, Language Arts, Math

The Case of Crazy Cousin Kappy

(Grades 1–2)

Science, Language Arts, Math, P.E., Geography, Performing Arts

The Great Condor Caper (Grades 3–5)

Science, Math, Language, U.S. History, Social Sciences, Technology, Visual Arts

From Biomes to Bio-webs, a Biology Mystery (Grade 6)

Science, Language Arts, Visual and Performing Arts

ZSI: Zoo Science Investigators and the Case of the Perplexing Primate Polluters (Grade 7)

Science, Math

If I Built the Zoo (Grade 8)

Science, Math

Like You've Never Seen Before (Grades 9–12)

Science

School Overnight Experiences at the San Diego Zoo Safari Park

Experience the wonders of the Safari Park before settling into sleeping bags to the sounds of lions roaring and elephants trumpeting! Programs include a dinner, campfire snack, breakfast, and activities aligned to California Science Standards. Spend the next day exploring the Park on your own or add one of our guided or school caravan programs.

Sundown Safari

Grades 3-5 (*Life Sciences, Investigation, Experimentation*), 6-8 (*Ecology, Structure and Function, Forces, Investigation/Experimentation*) 9-12 (*Biology/Life Science*) Experience guided tours, interactive games and challenges, and up-close animal encounters as students solve mysteries at the Park after dark.

Visit sandiegozoo.org/education to learn more about our WILD overnight school programs.

School Program Caravans

Experience the wonders of a caravan into our large field exhibits. \$500 per truck of up to 15; admission fee may apply. Maximum number of participants is 30, including students and chaperones.

Giraffe Genes and Rhino Relatives

(Grades 9-12): Examine how advances in genetics are used at the Beckman Center for Conservation Research and visit two of our large field exhibits. – *Genetics*

The Artists' Journey (Grades 6-12):

Led by one of our staff artists, this visual arts caravan begins with an introduction to drawing animals, and then takes a caravan truck into one of our large field exhibits. All necessary art supplies are provided.

– *Visual Arts*

Focus on Photography (Grades 6-12):

One of our staff photographers will teach your students how to get that perfect photo. Cameras not provided. – *Visual Arts*

AP Biology Labs at the San Diego Zoo Safari Park

Your AP biology students or honors biology students can extend their classroom learning with our new AP biology labs, which help prepare students for their advanced placement test.

Animal Behavior Study

Do gorillas communicate with facial expressions? What happens when a lion roars? Are elephants altruistic? Learn how biologists research animal behavior, and practice data collection and analysis.

– *Ecology, Science as a Process, Interdependence in Nature, Science, Technology, Society*

Diversity of Organisms Study

Which animal is a porcupine's relative? Are owls related to tortoises? Learn how and why biologists classify organisms and determine evolutionary relationships, and classify various animals with the help of observation data, genetic data, and natural history records. – *Diversity of Organisms, Evolutionary Patterns, Phylogenetic Classification, Evolutionary Relationships, Science as a Process, Continuity and Change, Relationship of Structure to Function, Interdependence in Nature, Science, Technology, Society*



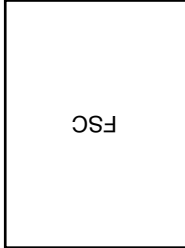
AN INVITATION FOR EDUCATORS

The San Diego Zoo invites teachers, PTA officers, and school administrators to our annual Fall Educator Event. The program fee includes a catered meal, up-close animal encounters, resource materials, and a few surprises!

**Wednesday, November 2, 2011,
4-8:00 p.m., at the San Diego Zoo**

Reservations are required. This event is limited to teachers, school administrators, and PTA officers only; no children or spouses, please. See reservation form on page 4. Space is limited, so send in your reservation form today! For more information, call the Zoo at 619-557-3962

The Educator Event at the San Diego Zoo is made possible through the generosity of the Union Bank Foundation.



P.O. BOX 120551
SAN DIEGO, CA 92112-0551
sandiegozoo.org

LEARNING ADVENTURES
WILDLIFE

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