An Education Specialist will bring our ZooMobile to your classroom and use small animals and animal artifacts to teach grade-appropriate topics. Participants will have an opportunity to see the animals up close with the possibility of touching some of the animals presented. Program times are based on the age and activity level of the participants.

### For Ages:
- Pre-K through 12th

### Length of Time
- 30 minutes (Pre-K, K, and 1st)
- 50 minutes (2nd-12th)

### Times
- Start times are between 10:00 am & 2:00 pm

### Availability:
- Monday- Friday, year round

### Participants:
- Maximum of 35 participants per program (adults and children included)

### Program:
- Our programs are designed to fit the Next Generation State Standards for each grade (see Program Topics for more details)

### Pricing:
- **30 Minute**
  - $225 for first program
  - $200 for each additional class, max 3 per day

- **50 minute**
  - $250 for first program
  - $225 for each additional class, max 2 per day

---

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**Eunice Hui**
Operations Coordinator, Learning & Engagement Team

- **Phone**: 510-632-9525, ext. 219
- **Email**: educationreservations@oaklandzoo.org
School ZooMobile

The Oakland Zoo Education Department supports the Next Generation Science (NGSS) & Common Core Standards and Practices in our school programs. Our programs are designed to complement and supplement your classes' Science curriculum.

Kindergarten- "Happy, Healthy, & Alive!" - Animal Care & Needs (K-LS1.C)
Let's see - you've got your water, you've got your food, you've got your air, a little space - all the requirements for survival. But is that enough? Did you know that, just like us humans, playing and having something fun or interesting to do can be just as important to an animal's health as getting food and water? Through observations, students will discover what animals need to survive and that some animals need more to lead an enriching life!

Can you hear with your feet? Do you smell with your mouth? It might sound strange to us, but for different animals, using your body parts in different ways is key to survival. Together, we'll use some of our own senses to see how animals use their bodies and various senses to survive in the wild.

Why are polar bears white? Why do camels have big humps? What would happen if a bear moved to the desert, and the camel transferred to the tundra? Join us as we explore the world of animal adaptations and how each habitat affects the animals that live there- and vice versa!

3rd Grade- "Born to Be Wild " - Animal Families & Offspring (3-LS1.B)
So there you were, a helpless little baby in a big, weird world! Did you bundle up when you were cold? Did you make a bottle when you were hungry? Did you do it all by yourself or did you need someone's help? Through our observations, we will learn to recognize patterns in nature that tell us if an animal will be born hapless and helpless, ready to roll, or somewhere in between.

4th Grade- "Chew on This " - Animal Skulls & Structures (4-LS1.A)
You can tell a lot about an animal by looking at its face. You can find out even more by looking at their teeth (but, it's probably not recommended to get that close)! Instead, learn to use skulls and other animal observation tools to understand the function and connection of structures that are key for an animal's survival!

5th Grade- "Nature's Balancing Act" - Animal Food Webs & Ecosystems (5-LS2.A)
Herbivores eat plants, then carnivores eat them in the end. All organisms "work" together to provide a healthy ecosystem - that's interdependence! So, what happens when one animal is taken out of the equation? What happens when one is added to the balance? Students will discover the importance and the fragility of ecosystems by thinking critically and reimaging the world with the loss of important keystone species and the addition of invasives.

Elementary 3rd-5th, Middle School 6th-8th, & High School 9th-12th Grade- "Wildlife CSI"
The Illegal Wildlife Trade (3-LS4-2; 4-LS2-1; MS-LS2-5; MS-LS4-5; HS-LS2.C; HS-LS4.D; HS-ETS1.B)
The illegal wildlife trade is the fourth most lucrative global market, with hundreds of millions of plants and animals captured each year, then traded on the black market. While the problem can seem daunting, there are ways we can help! Using our observation skills, students will learn how to identify items found in the illegal wildlife trade and help develop possible solutions. Rather than feel powerless, students will learn new skills and problem-solving techniques, empowering them to be stewards for wildlife around the globe!

Last updated: July 2023
Oakland Zoo recognizes the importance of the 3 Dimensions of the NGSS. We also strive to include California’s Environmental Principles and Concepts in conjunction with the NGSS. While we work to touch on all components, the items in bold are the strongest in our programs.

### CURRICULUM DESCRIPTIONS

#### Topic by Grade Level Matrix

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* • = Topic meets some requirements for grade  
  ● = Topic recommended and meets requirements for grade

### NGSS Disciplinary Core Ideas Supported by Topic

**Animal Care & Needs**  
K-LS1.C

**Animal Senses & Body Parts**  
1-LS1.A; 1-LS1.D

**Animal Families & Offspring**  
3-LS1.B

**Animal Adaptations & Habitats**  

**Animal Skulls & Structures**  
4-LS1.A

**Animal Food Webs & Ecosystems**  
5-LS2.A

**Illegal Wildlife Trade**  

### Cross Cutting Concepts and Science & Engineering Practices

**Crosscutting Concepts in NGSS:**

1. Patterns  
2. Cause & Effect: Mechanism and Explanation  
3. Scale, proportion, and quantity  
4. Systems and system models  
5. Energy and matter: Flows, cycles, and conservation  
6. Structures and function  
7. Stability and change  
8. Natural Selection  
9. Ecosystem Dynamics, Functioning, and Resilience  
10. Biodiversity and Humans

**Science & Engineering Practices in NGSS:**

1. Asking questions (for science) and defining problems (for engineering)  
2. Developing and using models  
3. Planning and carrying out investigations  
4. Analyzing and interpreting data  
5. Using mathematics and computational thinking  
6. Constructing explanations (for science) and designing solutions (for engineering)  
7. Engaging in argument from evidence  
8. Obtaining, evaluation, and communicating information

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Last updated: July 2023
In order to cover expenses like gas and extra driving time, a zone fee will be charged for some programs. Please see the following chart below:

### Zone Fee | Cities
---|---
$0 | Alameda, Albany, Ashland, Berkeley, Castro Valley, Cherryland, Emeryville, Hayward, Mount Eden, Oakland, Piedmont, San Leandro, San Lorenzo

$35 | Canyon, Dublin, East Richmond Heights, Fairview, El Cerrito, El Sobrante, Kensington, Lafayette, Moraga, Orinda, Pleasanton, Richmond, Rollingwood, San Pablo, Tara Hills, Walnut Creek

At least two (2) programs must be reserved in the following areas:
(Except for Community Event ZooMobiles)

$50 | Alamo, Diablo, Danville, Pleasant Hill, San Ramon, Walden

$75 | Bayview-Montalvin, Concord, Fremont, Livermore, Newark, Union City, Sunol

Occasionally we are able to serve cities and towns not shown on the list above. For more information please contact our Operations Coordinator at 510-632-9525 x219 or e-mail at educationreservations@oaklandzoo.org
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Location Information:
Location Name: ____________________________
Location Address: ____________________________
City, State, & Zip: ____________________________
District: ____________________________

Contact Information:
Making Reservation: ____________________________
Confirmation Phone: ____________________________
Confirmation Email: ____________________________
Day of Visit Contact: ____________________________
Day of Visit Phone: ____________________________

Program Information:

<table>
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<tr>
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<th>Choice 2</th>
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<td>Preferred Date: ■ ■ ■</td>
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<td>Preferred Start Time: ■ ■ ■</td>
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<td>Program Length: 30 minutes</td>
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<td># of Programs: ■ ■ (max 3)</td>
<td>■ ■ (max 2)</td>
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</tbody>
</table>

Choose Topic:
(topics and descriptions can be found on Page 2)

Program/ Class #1 ____________________________
Program/ Class #2 ____________________________
Program/ Class #3 ____________________________

Eunice Hui
Operations Coordinator,
Learning & Engagement Team
510-632-9525, ext. 219
educationreservations@oaklandzoo.org

Last updated: July 2023
To better prepare our Zoo staff to provide a great program, please tell us a bit more about the students who will be participating in each program:

### Class #1 (First Program)
- Teacher: ________________
- Classroom #: ________________
- Number of Students: _________
- Grade(s): ________________

Using the choices below, please indicate the number of students in your class who have special needs around:

- [ ] Physical/Mobility
- [ ] Cognitive Functioning
- [ ] Behavior
- [ ] Hearing
- [ ] Sight/Vision
- [ ] Other ________________

What % of students are English Language Learners? ________________

What is/are the primary language(s) spoken by these students (other than English)? ________________________________

What science topics will you be focusing on during the time of our visit?

### Class #2 (Second Program)
- Teacher: ________________
- Classroom #: ________________
- Number of Students: _________
- Grade(s): ________________

Using the choices below, please indicate the number of students in your class who have special needs around:

- [ ] Physical/Mobility
- [ ] Cognitive Functioning
- [ ] Behavior
- [ ] Hearing
- [ ] Sight/Vision
- [ ] Other ________________

What % of students are English Language Learners? ________________

What is/are the primary language(s) spoken by these students (other than English)? ________________________________

What science topics will you be focusing on during the time of our visit?

### Class #3 (Third Program)
- Teacher: ________________
- Classroom #: ________________
- Number of Students: _________
- Grade(s): ________________

Using the choices below, please indicate the number of students in your class who have special needs around:

- [ ] Physical/Mobility
- [ ] Cognitive Functioning
- [ ] Behavior
- [ ] Hearing
- [ ] Sight/Vision
- [ ] Other ________________

What % of students are English Language Learners? ________________

What is/are the primary language(s) spoken by these students (other than English)? ________________________________

What science topics will you be focusing on during the time of our visit?
We are looking forward to coming to your school with our ZooMobile program!
Please provide the information below so that we know how best to find you. If you know it will be
difficult to find your location, we would also appreciate if you would attach a site map with the office,
entry, and presentation location(s).

**Where are we going?**

**School/ Group Name:** ________________________________

**Address:** __________________________________________

________________________________________________________________________

**What is the cross-street?**

**Is the location part of a larger complex?**  □ YES  □ NO

Complex Name: _______________________________________

Location within: _______________________________________

**Is the door we enter on the street address?**  □ YES  □ NO

If no, describe entrance location: __________________________

________________________________________________________________________

**Where should we park?**

**Parking Lot?**  □ YES  □ NO

Location: _____________________________________________

**Driveway?**  □ YES  □ NO

Location: _____________________________________________

**Street Parking?**  □ YES  □ NO

If yes, are there meters on street?  □ YES  □ NO

**Anything else we should know?** ______________________

________________________________________________________________________

**Where do we go when we arrive?**

**Is there a front desk where we check in?**  □ YES  □ NO

Location: _____________________________________________

**Are there stairs getting to or inside of the facility?**  □ YES  □ NO

How many? __________________________________________

Location(s): __________________________________________

**Is there elevator access?**  □ YES  □ NO

Location(s): __________________________________________
Please get all needed signatures and remember that your order cannot be processed until the complete request packet is received by our Operations Coordinator.

I have read and agree to abide by the policies and procedures for Education programs at the Oakland Zoo as listed below:

- ✔ Payment Due Policy
- ✔ Change Policy
- ✔ Cancel Policy
- ✔ To distribute the following to each teacher attending: Planning Checklist, FAQs about your Program, and Behavior Expectations

**Contact Signature**  

**Date**

**Lead Teacher Signature**

(if not the above contact)

**Date**

**Signature of Principal:**

(Vice Principal may also sign)

**Date**
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Fee Information

Program Fees
- 1 30-minute program @ $225 $ _________
- 1 additional program @ $200 $ _________
- 1 additional program @ $200 $ _________
  (max of 3 programs per day)

OR
- 1 50-minute program @ $250 $ _________
- 1 additional program @ $225 $ _________
  (max of 2 programs per day)

Total Program Fees $ _________

Zone Fee (see Zone Fee Map) $ _________

Total Amount Due $ _________

Payment Information

Credit Card: [ ] Visa  [ ] MC  [ ] AmEx  [ ] Discover

Number: ____________________________
Expiry Date: _________  Security Code: _________
Name on Card: ____________________________
Amount to Charge: ____________________________

Signature: ____________________________
Date: ____________________________

Note: If you will be using a Purchase Order you must e-mail or fax us a copy of the actual PO to process your registration request.