

IT'S A BOY!





Adventure
Conservation
Education




An Activity
Guide for
K-2 Grade
Students
and Families



www.cincinnati-zoo.org

IT'S A BOY!

There is a very special baby  at the Zoo named Andalus (on-DAL-as). The people who work at the **ZOO** are very excited about him. He was the first  of his kind, the Sumatran rhino, born in a **ZOO** in the United States.

Andalus lives with his mom, Emi, at the **ZOO**. The scientists, keepers and  check on him every day. Many  come to the **ZOO** to see him. He likes to run around his yard on warm days when the  is out.

Sumatran rhinoceros

Dicerorhinus sumatrensis

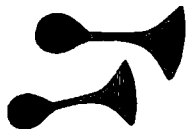
The Sumatran rhinoceros is the most endangered rhino on Earth. It is known as the "hairy" rhino because of its reddish-brown hair.

- **Habitat:** Tropical rainforests
- **Weight:** 1,300-1,800 lbs.
- **Height:** 3-5 ft. tall at shoulder
- **Diet:** Leaves, fruit, twigs and bark
- **Status:** Critically endangered



Sumatran rhinos have a  of reddish-brown

hair and two



. In the wild, they live in a



and eat



, twigs and



. They can't

see very well but they have a very good



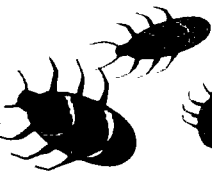
and big



for smelling and hearing. Rhinos like to take

baths in the mud. The mud keeps them cool and keeps

the



from biting them.

Sumatran rhinos are endangered. There are not

very many of them left on



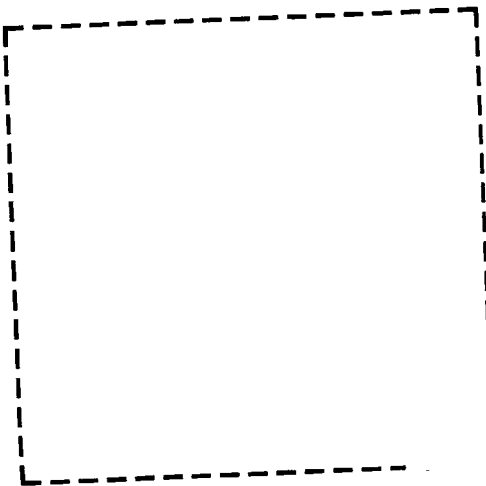
. They need our help.

GROWING UP

When Andalus was born, he weighed just over 72 pounds. That's as heavy as a large dog like an adult Labrador retriever.

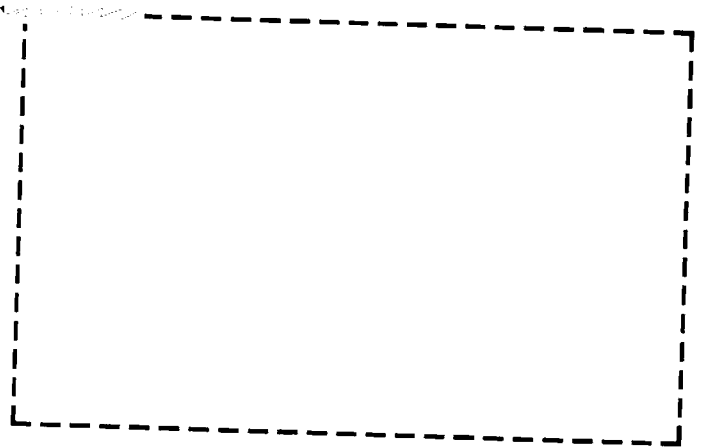
HOW BIG WERE YOU WHEN YOU WERE BORN?

DRAW OR PASTE YOUR FIRST BABY PICTURE



Andalus lives with his mother at the Zoo and she takes care of him. The zookeepers also help by bringing the rhinos food and water and cleaning their enclosure.

WHO LIVES WITH AND TAKES CARE OF YOU?



DRAW OR PASTE A PICTURE OF YOUR FAMILY



Like all mammals, Andalus nurses and drinks milk from his mom as a baby. When he is older, he will eat plants, fruits and vegetables.



WHAT DID YOU EAT AS A BABY?

WHAT DO YOU EAT NOW THAT YOU ARE OLDER?

Andalus gets regular check-ups from the Zoo vets and they will take care of him if he gets sick.



WHO DO YOU GO TO SEE IF YOU'RE NOT FEELING WELL?

Andalus likes to play. He runs around his yard at the Zoo and sometimes trips over things. Playing will help him get better at moving around and he won't be as clumsy when he is older.



HOW DO YOU LIKE TO PLAY?



DRAW OR PASTE A PICTURE OF YOU EATING



DRAW OR PASTE A PICTURE OF YOUR DOCTOR



DRAW OR PASTE A PICTURE OF YOURSELF PLAYING

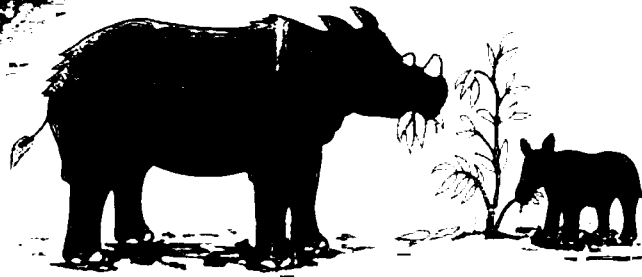
VISIT EM & ANDALAS at the ZOO!

WHAT ARE THE RHINOS DOING?

WALLOWING?



EATING?



SLEEPING?



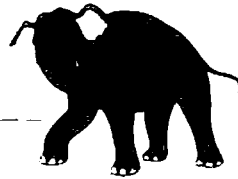
PLAYING?



Some animals, like the Sumatran rhinos, don't live in big families or groups. Some animals do. Find these animals at the Zoo and count how many of them live together.



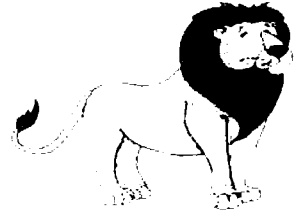
Otter _____



Elephant _____



Macaques _____



Lion _____

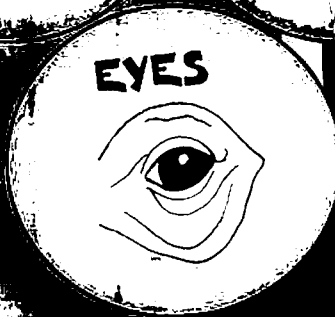
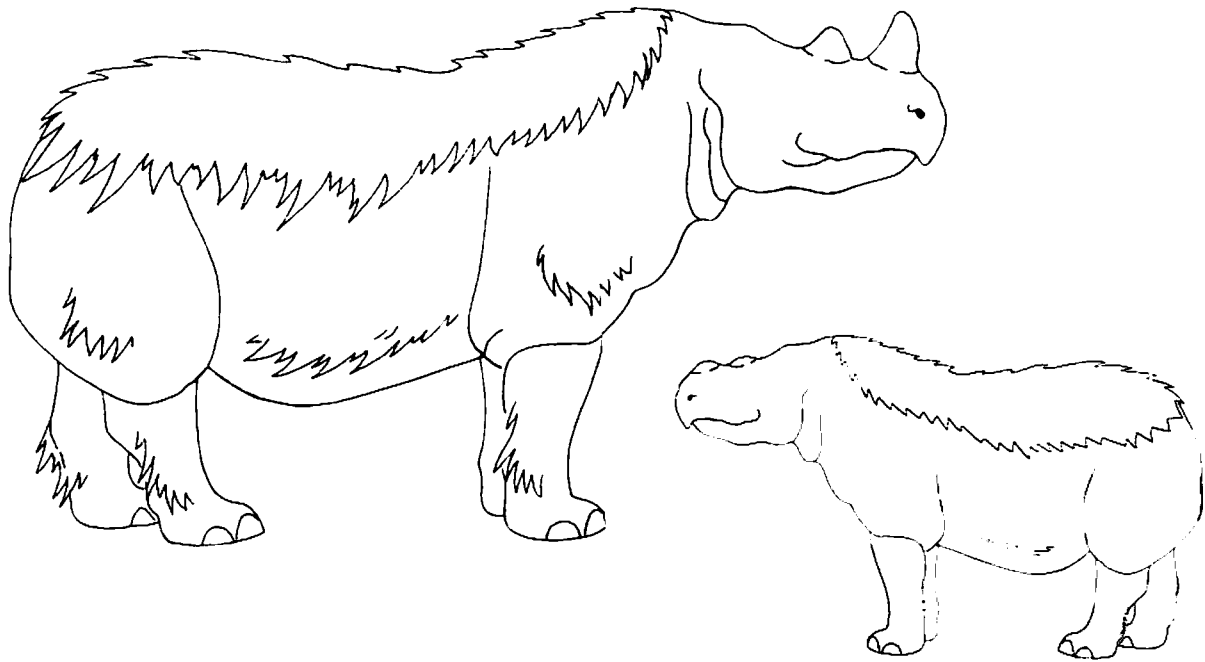


Gorilla _____



Bald eagle _____

DRAW IN THE BODY PARTS PICTURED BELOW THAT ARE MISSING
AND COLOR EMI AND ANDALAS IN THEIR YARD





Adventure
Conservation
Education

President and CEO
Gregg Hudson

Project Director
Shasta Back

Design Team
Shasta Back and
David Jenike

Layout and Design
Greg Hanson

Illustrations
Marcus Jackson and
Randy Slamowitz

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OVERVIEW

Teachers and parents! Involve your students and children in a unique and fun way to inspire a sense of wonder, gather knowledge, and sharpen their skills in science, reading and language arts and visual arts. This guide is designed to engage children, kindergarten to 2nd grade, in learning about Andalas, a Sumatran rhino born at the Cincinnati Zoo and Botanical Garden.

Read the story of Andalas with the children. Then have them compare themselves to the rhino through answering questions and drawing or pasting in photos (this option requires materials gathered by their parents). There are even activities to do next time you're at the Zoo. Emi and Andalas live in Wildlife Canyon. If it is warm and sunny out, you might be able to find them in their yard. If not, head to the CREW building's public exhibit area and you can see them on a live television monitor between 9:30 a.m. and 12:30 p.m. Jump in and have fun!



Rhino ADOPT
Animals Depend On People, Too

TEACHERS - Get your students excited about Conservation when you become part of the ADOPT Family at the Cincinnati Zoo and Botanical Garden.

When your class ADOPTS an animal at the Zoo, you will be helping us feed and care for that animal for an entire year.

With a \$50 contribution to the ADOPT program, your class will receive:

- 32 wallet-size photos of "your" animal
- A fact sheet describing the animal
- Certification of ADOPTION
- Your class name on the Zoo's ADOPT board

Call (513) 559-7716 for information

THE ACTIVITIES IN THIS GUIDE RELATE TO THE FOLLOWING STANDARDS:

- *National Science Education Standards*
 - K-4 Life Science
 - The Characteristics of Organisms
 - Life Cycles of Organisms
- *Benchmarks for Science Literacy (Project 2061)*
 - K-2 The Living Environment
 - 5A The Diversity of Life
 - 5D Interdependence of Life
 - 5F Evolution of Life
- *Ohio Science Proficiencies (4th Grade Test)*
 - Life Science
 - Demonstrate an understanding of the basic needs of living things
- *Kentucky Core Content Science Assessments (K-4)*
 - The Characteristics of Organisms
SC-E-3.1.2
 - Life Cycles of Organisms
SC-E-3.2.1
 - Organisms and Their Environment
SC-E-3.3.1
- *Indiana Academic Standards of Science (K-2)*
 - The Living Environment
K.4.1, K.4.2, 1.4.3, 1.4.4, 2.4.1, 2.4.4