

DINOSAURS FROM LONG AGO

*Written and Illustrated by class 2-307
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Assistant Principals*

Introduction

This book represents the culminating activity of an inquiry based research project that integrates technology with literacy and science. Every child participated in the process of posing questions and researching material. Children learned the value of reading for information from books and web sites and working together in groups. They also learned important nonfiction skills such as organizing information into chapters, illustrating text with diagrams, defining new vocabulary words in a glossary and referencing materials.

In addition to the administrative support we received from our Principal, Mrs. Connolly and our Assistant Principals Ms. Vetter, Ms. Rudolph and Ms. Kostopoulos, many teachers outside the computer lab supported this effort and I wish to thank them for their contribution:

Class 2-307 Mrs. Andreani, Ms. Barvels and Ms. Wolf

Science Mr. Alleva

Library Ms. Komae

Art Ms. Zappala

*Volunteers Mrs. Cancel
 Ms. Sharma
 Ms. Christina*



I would like to take this opportunity to thank Teresa Bader, Manhattan Borough Director OIT, who taught me about project-based learning during the 2004-2006 Region 4 Title IID Enhancing Education Through Technology Grant.

And finally, I would like to dedicate this edition to the memory of my Maman, who passed away just 3 weeks ago. It is an honor for me to see young children able to research a topic using the internet resources they learned in my class. Today I hope my mother is as proud of me as I am of your children and the impressive quality of their work.

*Nancy K. Shaw
Technology Teacher*

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*We dedicate this book to the newest
addition to our family*

Valentina

When did dinosaurs live?



We learned that dinosaurs started living on earth about 215 million years ago. We also learned when they died out: about 65 million years ago. The last dinosaurs lived during a time called the **tertiary** period. We wanted to know how many years they lived on earth. So we did this subtraction:

$$\begin{array}{r} 215 \\ - 65 \\ \hline = 150 \end{array}$$

Dinosaurs lived for about 150 million years

Some **paleontologists** say that dinosaurs died out because a giant asteroid fell out of the sky and hit the earth.

Eleniza, Kristofor and Haylee

How do we know they really existed?



When we were at the museum we saw bones that the scientists had put together to make the dinosaur. It was very big. It was as big as the room we were in.

*The other way we know dinosaurs existed is by looking at **fossils** that show foot prints or skeletons of animals that lived a long time ago.*

Nadia and Alyssa

How long did a dinosaur live?



*This picture of a **fossil** shows how long a dinosaur lived. The dinosaur's skeleton can tell us what a dinosaur ate. It can also tell us how fast it ran. Life span is based on body size. Smaller dinosaurs lived a shorter life. Bigger dinosaurs lived a longer life.*

Deanna and Samantha

Where did dinosaurs live?



*Dinosaurs lived all over the earth. Dinosaurs had many different **habitats**. Some dinosaurs lived in the desert. Some dinosaurs lived in the jungle.*

Kayla C. and Julissa

Different types of dinosaurs



Parasaurolophus



T-Rex



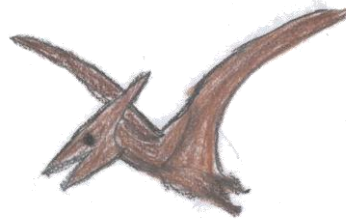
Triceratops



Ankylosaurus



Megalosaurus

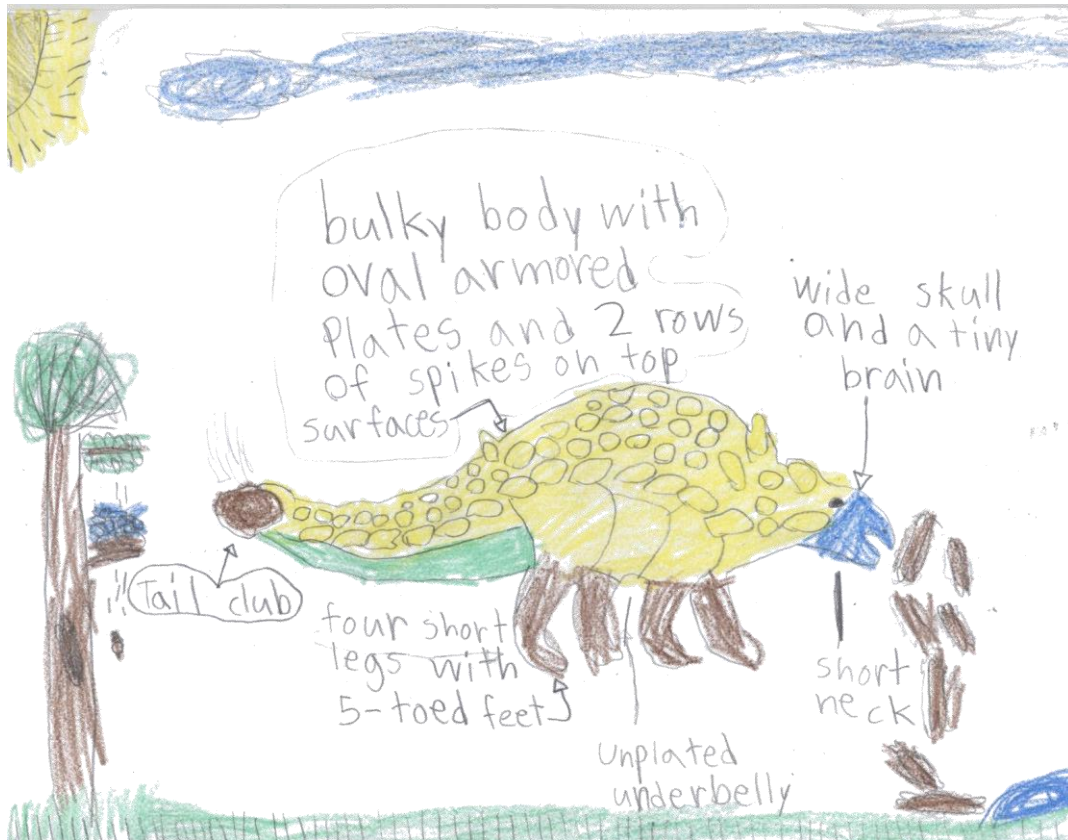


Pterodactylus

Some dinosaurs were huge like the T-Rex we saw at the museum. We learned that the Apatasaurus was a big dinosaur too. They were built like lizards. Then there was the pterodactyl that was like a bird. And finally there was the triceratops. He had 3 horns on his head to protect himself from the T-Rex.

Nicholas and David

What did dinosaurs look like?



Dinosaurs were a lizard-like reptile. Some dinosaurs were big and some dinosaurs were small.

*The parts of a dinosaur are the hip bones, which is called **pelvis**. There is an Ilium bone, a Pubis bone, and an Ischium bone inside a dinosaur's body for the hips. Dinosaurs had different hips. Dinosaurs have sharp teeth for eating meat. Other dinosaurs had other types of teeth for grinding leaves.*

Some dinosaurs have tails on their back..

Victor and Eric

How were baby dinosaurs born?



First the mother lays eggs. Then the baby dinosaurs grow inside the egg. Finally they crack open the egg and come out. A baby dinosaur is born! When baby dinosaurs get a little older they leave their mother.

Seliany and Kayla L.

Dinosaurs that were meat-eaters



*Dinosaurs that eat meat are **carnivores**. The T-Rex is a meat eating dinosaur. They had long, strong legs so they could run quickly in order to catch their prey. They also needed large strong jaws.*

Hanao and Carlos

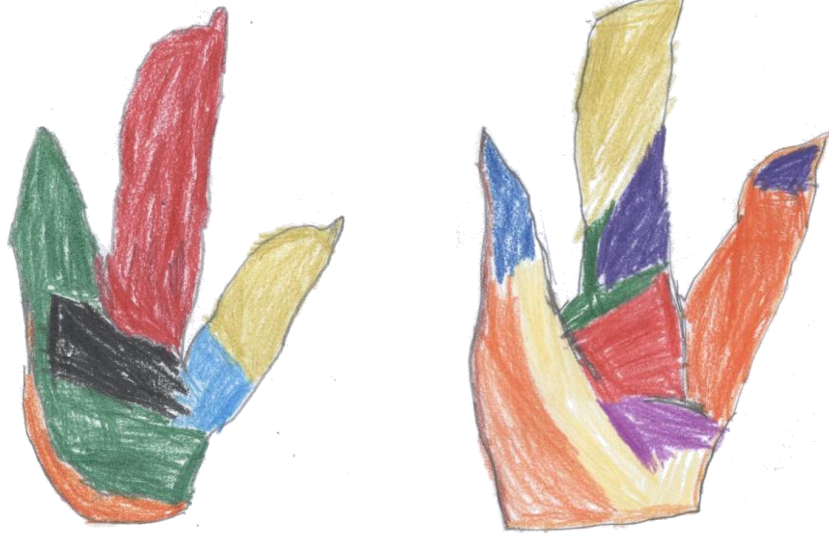
Dinosaurs that were not meat-eaters



*Not all dinosaurs ate other animals. Some dinosaurs were **herbivores**. The Apatosaurus could eat the leaves from a tree because he had a long neck.*

Destiny and Jason

How did dinosaurs get around?



Fossils help us learn about how dinosaurs moved. Dinosaurs walked on their tip toes. The meat-eaters only had 3 toes. Not all the plant-eaters had the same feet. Scientists say that the size of the feet shows whether a dinosaur walked heavily or was a fast runner.

Justin and Dallas

How many teeth did dinosaurs have?



The T-Rex had more than 60 thick teeth. Their teeth were very big, like 9 inches long. They needed sharp teeth to chew meat.

Other dinosaurs used their teeth to nip at plants and grind the leaves. Their teeth were a different shape.

Jeannie and Charlene

How did they defend themselves?



Allosaurus

Brontosaurus

The Brontosaurus was also called the Apatosaurus. He was about 70 feet to 90 feet long from the tip of his nose to the end of his tail. We measured how long that is: we walked from outside the computer room all the way down the hall to the boys bathroom. They used their tail as a whip to defend themselves!

The Allosaurus was a meat-eater. He was also shorter than the Brontosaurus. The Brontosaurus did not have to worry about being eaten. He could just whack him with his huge tail.

Mateusz and Branden

Glossary

Carnivore

Animals that eat other animals. Meat-eaters

Fossil

Left-over of something that lived a long time ago like a skeleton or footprint.

Habitat

The natural home for any animal, wherever it is

Herbivore

Animals that eat plants.

Paleontologist

A scientist who studies dinosaurs

Pelvis

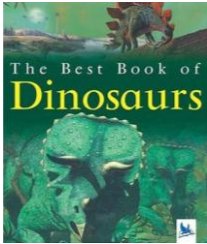
The bone that is shaped like a bowl near the hips

Tertiary

Period of time that lasted from 63 million to 2 million years ago



Books



The Best Book of Dinosaurs

By Chris Maynard
Kingfisher, Boston



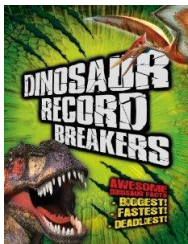
Dinosaurs and Prehistoric Reptiles

By Chris McNab
Book Sales, Inc. New York



Amazing Dinosaurs

By Dougal Dixon
TickTock Books Ltd



Dinosaur Record Breakers

By Dr. Darren Naish
Carlton Books

Web Sites

Dinosaurs.org – Everything kids need to know about dinosaurs

<http://www.thedinosaurs.org/>

Enchanted Learning

- <http://www.enchantedlearning.com/subjects/dinosaurs/dinotemplates/Templatelist.shtml>
- <http://www.enchantedlearning.com/subjects/dinosaurs/anatomy/Age.shtml>
- <http://www.enchantedlearning.com/subjects/dinosaurs/anatomy/Locomotion.shtml>

Kid Sites

<http://www.kidsites.com/sites-edu/dinosaurs.htm>

Kids Dinos

<http://www.kidsdinos.com/>

Science Kids

<http://www.sciencekids.co.nz/dinosaurs.html>

Sheppard Software

<http://www.sheppardsoftware.com/scienceforkids/dinosaurs/index.htm>



Top Ten Sites for Children Learning about Dinosaurs

<http://blog.k12directoryofschools.com/featured-content/top-10-learn-about-dinosaur/>

Walking with Dinosaurs

http://www.abc.net.au/dinosaurs/dig_deeper/faq.htm

About the Authors

Have you ever wondered about dinosaurs from long ago? You will enjoy learning about the evidence of a dinosaur's existence, about the lifespan of a dinosaur, what they looked like and more! There is so much to learn about dinosaurs.

This book was brought to you by a curious bunch of 2nd graders. Happy digging!

Branden

Carlos

Charlene

Dallas

David

Deanna

Destiny

Eleniza

Eric

Hanao

Haylee

Jason

Jeannie



Joshua

Julissa

Justin

Kayla C.

Kayla L.

Kristofor

Mateusz

Nadia

Nicholas

Samantha

Seliany

Victor