

T i m e l i n e s
and
Extinct Animals

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Table of Contents

Program Outline and Overview

Lesson Plans

Sample Worksheets

Examples of Student Work

Resources

Bibliography

Program Outline

Major Goals and Objectives

ÒTimelines and Extinct AnimalsÓ is a program that effectively integrates technology into many curriculum areas. The students learn a valuable lesson in animal conservation, learn about the concept of timelines and explore important animal facts. The computer acts as the studentsÕ tools; paper, pencils and art supplies.

Through the use of teacher-made templates created in the Kid Pix Studio Deluxe program, students design their own timelines. The students learn about each animal in detail through teacher-made informational charts. They learn about when the animal became extinct; what the animal looked like; where the animal lived; important facts about the animal and why the animal became extinct. The students then use the Kid Pix Studio Deluxe program to create original artwork of each animal along with an animal fact sheet. When the timeline, picture and fact sheet for each animal is completed, each student creates their own multimedia slide show using the same program.

The subject of animals is naturally motivating to students of all ages. This combined with the ease and the attractiveness of the Kid Pix Studio Deluxe program makes for a motivating and successful learning experience. When technology is the tool that is used to achieve a goal or objective the results are remarkable. The use of the computer ensures success, creates enthusiasm and improves self esteem for all students.

Timeline

The timeline presented below is just an example of scheduling. The purpose is as a guideline. Students work at different paces and some activities take longer than others.

Month(s)	Objectives
August and September	<p>Period of teacher planning and preparation.</p> <ol style="list-style-type: none">1. Conduct research to gather information using books, reference materials and internet.2. Develop teacher-made timeline templates and create teacher-made informational charts.
October	<ol style="list-style-type: none">1. The students learn the concept of a timeline.2. The students create their own timelines from the teacher-made template. (dates only)
November	<ol style="list-style-type: none">1. The students learn about the Dodo Bird.2. The students add the Dodo Bird to their timeline, draw a picture of the Dodo Bird, and type facts about the Dodo Bird.
the	<ol style="list-style-type: none">1. The students learn about the Elephant Bird.2. The students add the Elephant Bird to their timeline, draw a picture of the Elephant Bird, and type facts about the Elephant Bird.

Month(s)	Objectives
December	<ol style="list-style-type: none"> 1. The students learn about the Sea Cow. 2. The students add the Sea Cow to their timeline, draw a picture of the Sea Cow, and type facts about the Sea Cow. <ol style="list-style-type: none"> 1. The students learn about the Great Auk. 2. The students add the Great Auk to their timeline, draw a picture of the Great Auk, and type facts about the Great Auk.
January	<ol style="list-style-type: none"> 1. The students learn about the Quagga. 2. The students add the Quagga to their timeline, draw a picture of the Quagga, and type facts about the Quagga. <ol style="list-style-type: none"> 1. The students learn about the Passenger Pigeon. 2. The students add the Passenger Pigeon to their timeline, draw a picture of the Passenger Pigeon, and type facts about the Passenger Pigeon.
February	<ol style="list-style-type: none"> 1. The students learn about the Tasmanian Tiger Wolf. 2. The students add the Tasmanian Tiger Wolf to their timeline, draw a picture of the Tasmanian Tiger Wolf, and type facts about the Tasmanian Tiger Wolf. 3. The students will use this time as a catch up period to complete missing work.
March	<ol style="list-style-type: none"> 1. The students create their own multimedia presentations.
April	<ol style="list-style-type: none"> 1. Presentation of printed student work and student multimedia presentations.

Types of Assessments Used

No formal assessment procedures are needed to evaluate student work. Ongoing informal teacher observation during the process is crucial. This type of evaluation is also suggested with the finished product. During the entire process teacher and student need the opportunity to discuss the work and ways to improve it.

Target Students Age/Level

This program was created for students from grades 3-5 in a Special Instructional Environment (SIE VIIB) in a computer lab situation. The students need to have prior experience with the tools and mechanics of the Kid Pix Studio Deluxe program. Timelines and Extinct Animals is a program that can easily be adapted for many different age and functional levels. Non readers can receive one to one assistance from teachers, are encouraged to dictate their facts to the teachers, and are even able to tape record their responses using the programs built in microphone. The program can be used with large groups or small groups. Students who are higher functioning can use various sources (books, reference materials and the internet) to collect their own data on each animal, use a more complicated paint program to complete their drawings, and use a more complex program to make multimedia presentations (Hyperstudio).

Lesson Plans

The are two basic lesson plans for this project are the Extinct Animals Timeline Lesson and the Master Lesson Plan -Extinct Animals. These lesson plans are specific, easy to use and repetitious. The same master lesson plan is used with each animal.

Extinct Animals Timeline Lesson Plan

Objectives:

1. The student will expressively and receptively identify what a timeline is.
2. The student will be able to correctly use the Kid Pix Studio Deluxe program to complete the teacher-made templates.

Time: Varies

Advanced Preparation:

1. Development of a teacher-made timeline template.
2. An example of a finished timeline.
3. Install the teacher-made template on the computers.

Materials Required:

Kid Pix Studio Deluxe Program
Teacher Made Templates
Disks
Paper
Ink Cartridges
Computer(s)
Printer

Procedures:

1. The teacher will discuss what a timeline is and have a example of what it looks like.
2. The students will watch a demonstration on the procedures below.
3. After the demonstration, the students will go to their respective computers to complete the assignment.
4. The teacher will open **Extinct Animals Timeline #1.**
5. The students will use the Typewriter Tool and the Tool Options to type their first and last name using a 24 point font of their choice.
6. The students will use the Typewriter Tool and the Tool Options to type the years 1000, 1100, 1200 and 1300 under the correct circles.

7. The teacher will save the paper by typing the name of the student in front of the name of the template.

8. The teacher will open **Extinct Animals Timeline #2**.

9. The student will use the Typewriter Tool and the Tool Options to type the years 1400, 1500 and 1600 under the correct circles.

10. The teacher will save the paper by typing the name of the students in front of the name of the template.

11. The teacher will open **Extinct Animals Timeline #3**.

12. The student will use the Typewriter Tool and the Tool Options to type the years 1700 and 1800 under the correct circles.

13. The teacher will save the paper by typing the name of the student in front of the name of the template.

14. The teacher will open **Extinct Animals Timeline #4**.

15. The student will use the Typewriter Tool and the Tool Options to type the years 1900 and 2000 under the correct circles.

16. The teacher will save the paper by typing the name of the student in front of the name of the template .

Master Lesson Plan Extinct Animals

Objectives:

1. The student will be able to expressively and receptively identify at least two characteristics of each extinct animals.
2. The student will be able to correctly use the Kid Pix Studio Deluxe program to complete the teacher-made timeline templates.
3. The students will be able to correctly use the Kid Pix Studio Deluxe program to draw a picture of each extinct animal.
3. The students will be able to correctly use the Kid Pix Studio Deluxe program to type facts that they learned about each extinct animal.

Time Required: Varies

Advanced Preparation:

1. Development of teacher-made informational charts on each animal.
2. Install the teacher-made template on the computers.

Materials Required:

Kid Pix Studio Deluxe program

Teacher Made Templates

Disks

Teacher Made Informational Charts

Paper
Ink Cartridges
Poster Board
Construction Paper
Procedures
Computer(s)
Printer
Scanner
Books on Extinct Animals
Pictures of Extinct Animals
Adobe Photoshop * Optional

Procedures:

1. The teacher will prepare a poster with pictures and research facts about the following extinct animals.

1680	Dodo Bird
1700	Elephant Bird
1767	Sea Cow
1844	Great Auk
1883	Quagga
1914	Passenger Pigeon
1936	Tasmanian Tiger Wolf

2. The students will watch a demonstration on the following procedures 3-5.

3. The student will open the their respective Extinct Animals Timeline template.

Dodo 1680	Open Timeline #2
E. Bird 1700	Open Timeline #3
Sea Cow 1767	Open Timeline #3
Great Auk 1844	Open Timeline #3
Quagga 1883	Open Timeline #3
P. Pigeon 1914	Open Timeline #4
T. Tiger Wolf 1936	Open Timeline #4

4. The students will use the Typewriter Tool and the Tool Options to type in the year each animal became extinct and the name of the animal. They will also use the Rubber Stamp Tool, the Goodies Menu and the Pick A Stamp Set Sub Menu to stamp an icon on the Timeline.

5. The student will save the template by replacing it with the new template.

6. The students will report to their respective computers and work on the template.

7. The teacher and the students will meet as a group to read and discuss each part of the poster. One animal at a time will be introduced. One animal a week will be introduced.

8. The students will report to their respective computers to draw a picture of the extinct animal that they learned about. All work will be saved by typing the name of the student and the name of the animal.

9. The students will report to their respective computers to type the facts that they learned about the extinct animal that. All work will be saved by typing the name of the student and the name of the animal and the word facts.

10. All work will be printed, mounted and displayed. Timeline will be pieced together.

11. The students will create a multimedia slide show in the Kid Pix Studio Deluxe program.

Sample Worksheets

Extinct Animals Template # 1

Name:
My Extinct Animals Timeline



Extinct Animals Template # 2



Extinct Animals Template # 3



Extinct Animals Template # 4



Teacher Made Informational Charts

Dodo Bird

Where did the word "Dodo" come from?

"Dodo" comes from the Dutch words "Dodars" or "Oodoor" which means stupid fool.

What did the Dodo look like?

The Dodo was a bird. It's feathers were gray. It's belly was white, It had a large hooked bill that was gray and yellow at the tip. It had large yellow feet and black claws.

Why is the Dodo extinct?

The Dodos were killed and eaten for their meat by the sailors that stopped on the island.

The animals that the sailors brought to the island, such as cats, rats and pigs destroyed their nests and eggs. Humans destroyed the forests where the Dodos lived.

When did the Dodo become extinct?

The Dodo is extinct since 1680.

Where did the Dodo live?

The Dodo lived on an island called Mauritius near Africa in the Indian Ocean.

Interesting Facts

The Dodo was a strange slow bird. It was large and heavy. It weighed as much as 50 pounds.

The Dodo could not fly. Scientists believed that it could fly at one time, It lived very peacefully with a lot of food and with no predators so it did not need to fly. As time went on it lost its ability to fly.

The Dodo was discovered by the sailors that came to the island,

It was first spotted around the year 1600 and it was extinct less than 80 years later.

The Dodo was the first animal known to man to become extinct.

Teacher Made Informational Charts

Sea Cow

When did the Sea Cow become extinct?

The Sea Cow is extinct since 1767.

What did the Sea Cow look like?

The Sea Cow was the largest marine mammal. It looked like a manatee and a dugong but much-larger. Some grew to be as long as 35 feet.

Where did the Sea Cow live?

The Sea Cow lived near the

Aleutian Islands in Alaska.

Interesting Facts

The Sea Cow lived in very cold waters.

Sea Cows had no teeth. They ate seaweed and marine algae.

Sea Cows lived in groups.

The Sea Cow was very large and moved very slowly which-made them very easy to catch

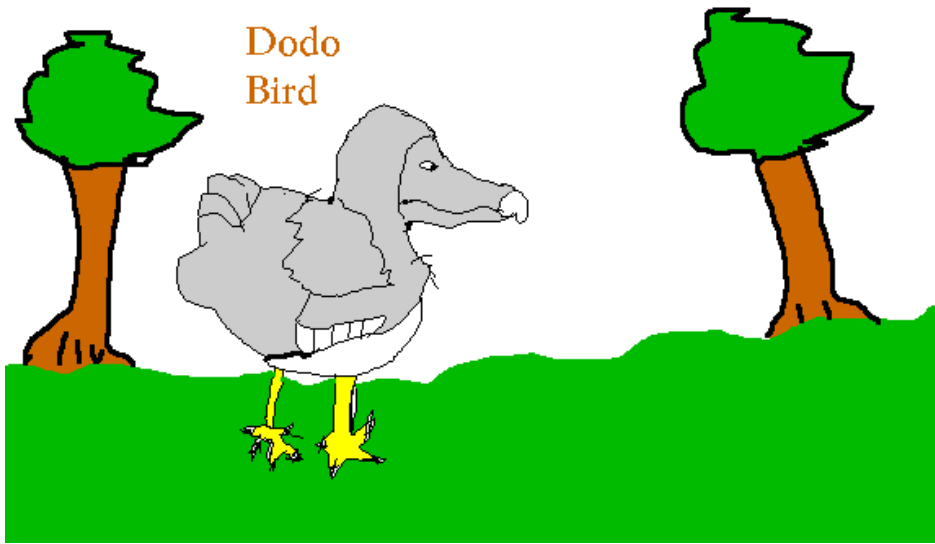
Why is the Sea Cow extinct?

Captain Bering and his crew was stranded in Alaska, in the winter They killed many of the Sea Cows for their meat and hides. Then other visitors continued to kill them. They used the r meat for food and their hides for boat covers and shoe leather.

Examples of Student Work

Jacky

Dodo
Bird



Jacky

The Dodo Bird is extinct.

It had small wings.

It could not fly.

It was fat.

People killed it for food.



Elephant Bird

Juan

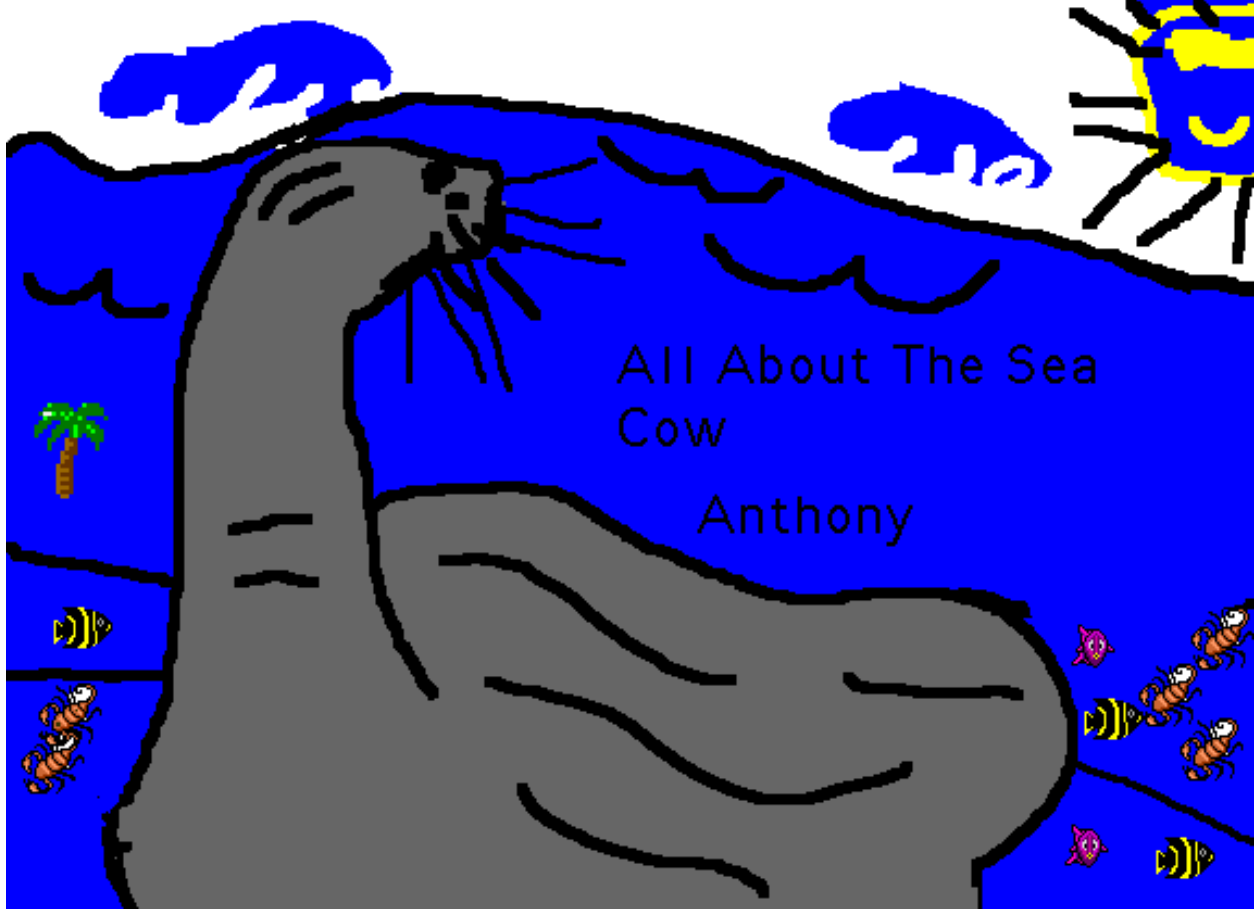
Juan

**The Elephant bird was
heavy.**

It could not fly.

It is extinct.

It lived many years ago.



All About The Sea Cow

Anthony

Anthony

The sea cow lived in the cold ocean.

It looked like a manatee which swims in warm water.

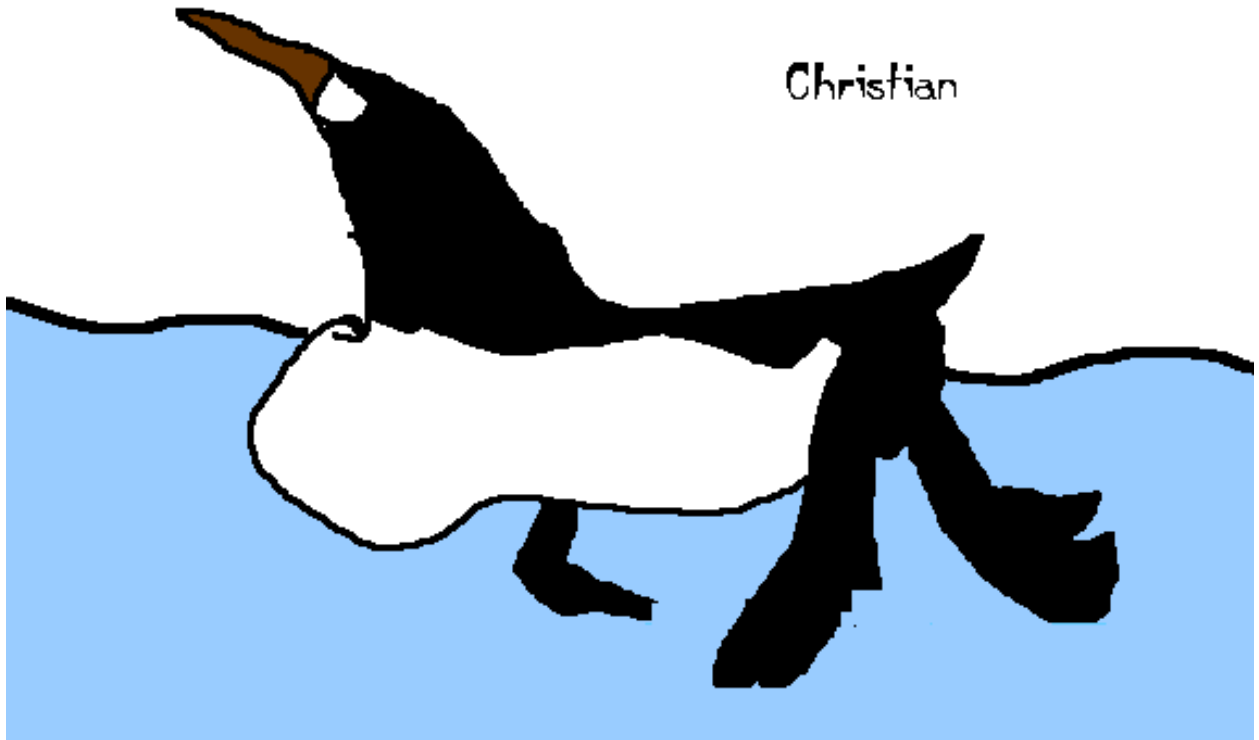
The sea cow is extinct for many years.

It is extinct since 1767.

It is gone forever.

Great Auk

Christian

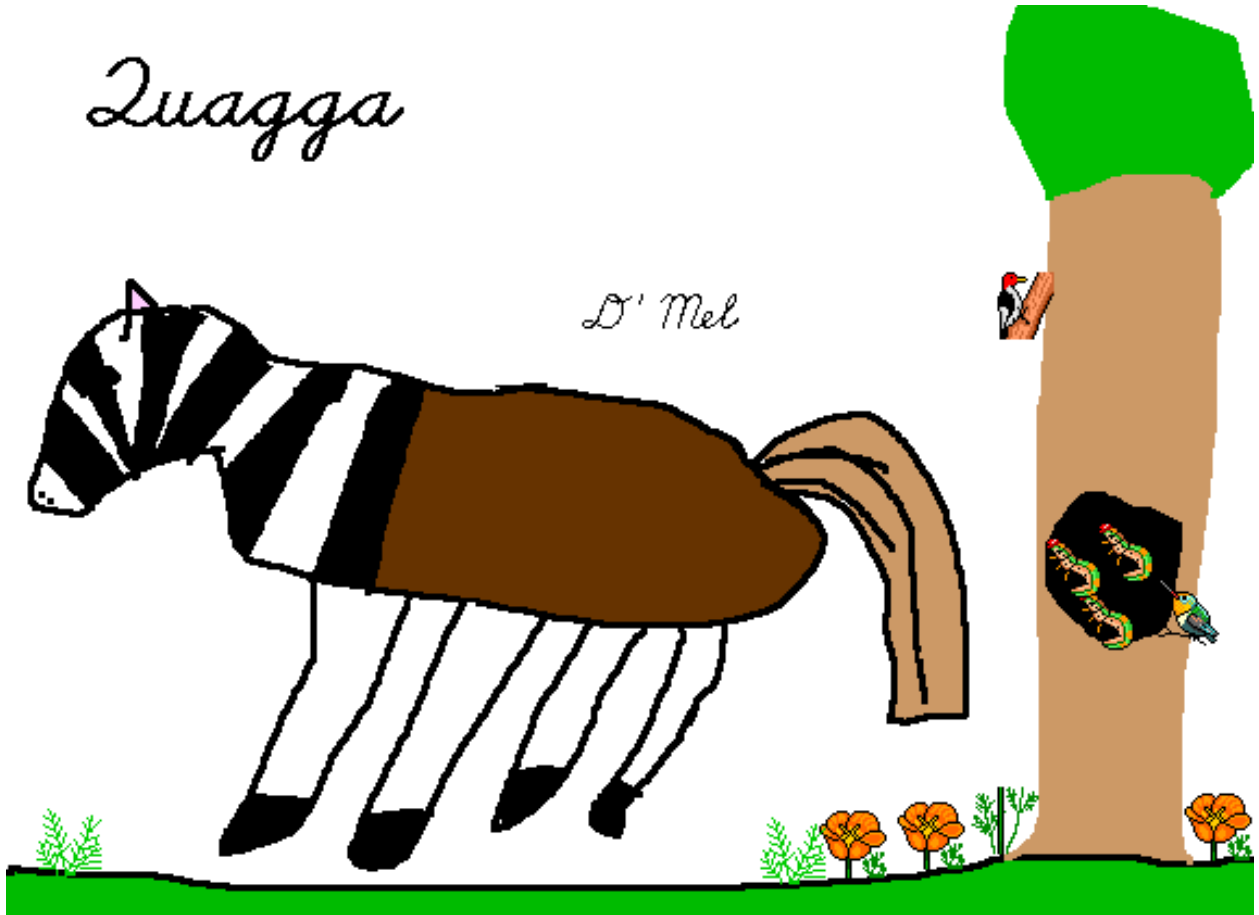


Christian

THE GREAT RUK LIVED IN THE COLD
OCEAN. PEOPLE KILLED THE GREAT RUK
FOR FOOD. THEY USED THE FEATHERS
FOR COATS.

Zuagga

D' Mel



D'Mel

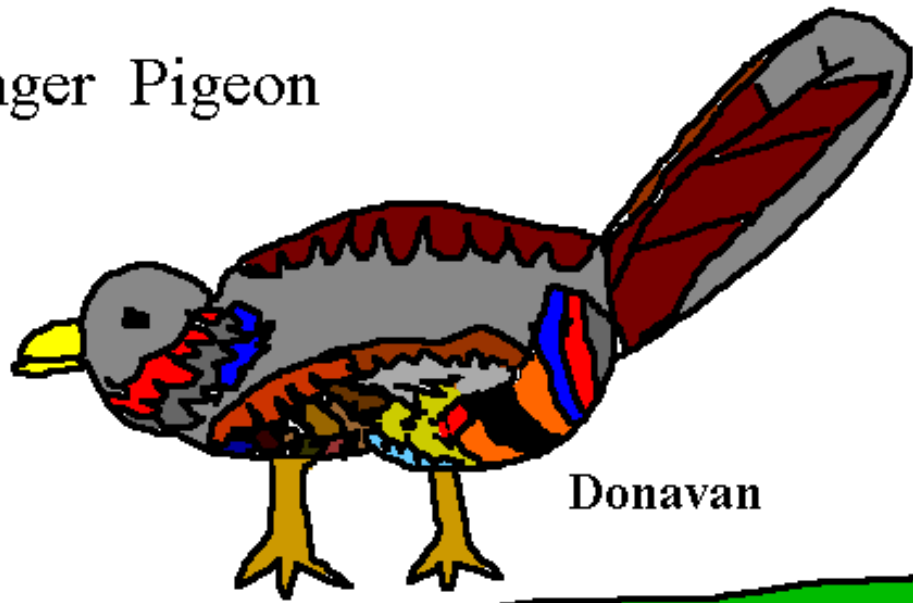
The Zuagga was half horse half zebra.

There is a picture of the last Zuagga.

People killed the Zuagga .

They were eating the grass for the chickens.

Passenger Pigeon



Donavan

Donavan

*The Passenger Pigeon lived
in North America .*

*People shot them . They ate
them. People did not like
them.*

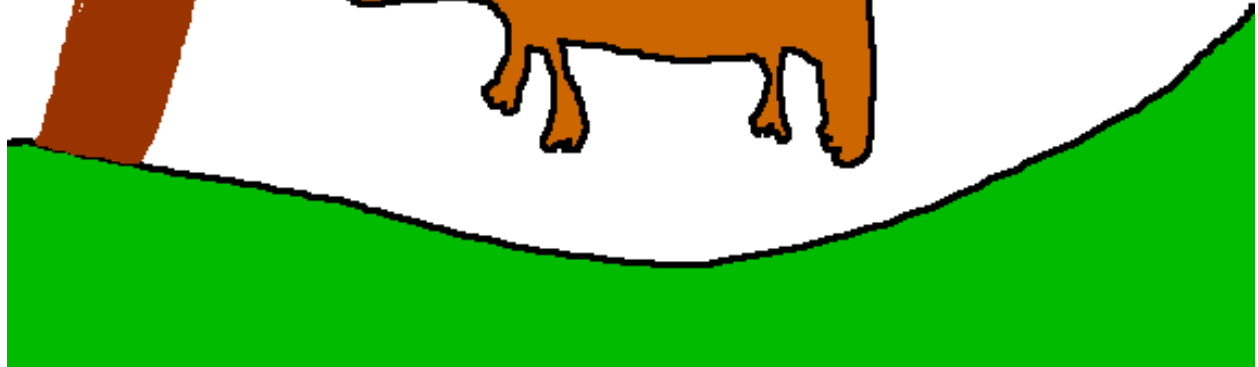
Tasmanian

Tiger

Wolf



Samantha



Samantha

The Tasmanian Tiger Wolf

had stripes and a pouch.

The babies lived

in the pouch.

Student Timeline

Name: Donavan
My Extinct Animals Timeline



Teacher Timeline

Name: Mrs. Hossin
My Extinct Animals Timeline



Resources

Software

Kid Pix Studio Deluxe. California: Broderbund Software, Inc., 1994-1998.

Adobe Photoshop 5.5. California: Adobe Systems Incorporated, 1998.

Web sites

<http://www.amnh.org/Exhibition/Expedition/Treasures/Dodo/dodo.htm>
/

Dodo- American Museum of Natural History

<http://www.bagheera.com/inthewild/extinct.htm>

In The Wild-Bagheera

<http://www.cep.unep.org/kids/cb07.html>

Steller's Sea Cow

<http://www.cryptozoology.com/thylacine/thylacine.html>

Cryptozoology:Thylacine

<http://www.davidreilly.com/dodo/>

The Tragedy of The Dodo 1558-1681

<http://www.geocities.com/carmelbird/birds/>

The Extinct Birds of the World

<http://www.newton.dep.anl.gov/natbltn/200-299/nb248.htm>

Extinct and Near- Extinct Animals

<http://www.schoolworld.asn.au/species/tastiger.html>

School World Endangered Species Project: Tasmanian Tiger

<http://vzone.virgin.net/brian.goodwin/thylacine.htm>

Thylacine: The Liveliest Extinct Animal Around

Bibliography

Facklam, Margery. *And Then There Was One: The Mysteries of Extinction*. San Francisco, California: Little, Brown and Co., Inc. 1990.

Markle, Sandra, William Makle, and Felipe Davalos. *Gone Forever: An Alphabet of Extinct Animals*. New York : Simon and Shuster. 1998.