FIELD REPORT ON ZOO

BY THE STUDENTS OF ZOOLOGY DEPARTMENT, 6TH SEMESTER

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INTRODUCTION

"Our field trips are an opportunity for you to enter into the world of mystical power."

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Frederick Lenz

A field trip to the local zoo is often a staple in many College curricula. Many zoos offer free entry to local teachers and their students. Teachers take students on field trips to enrich the curriculum, make connections to what students are learning in college, and provide students with meaningful learning experiences. However, teachers often struggle to find a balance between allowing students the opportunity to freely explore exhibits of their choice for their preferred time periods and making students adhere to a rigid lesson that limits their opportunities to wonder and discover but reinforces or introduces content that fits their curriculum. By providing students with opportunities to explore and develop their science process skills through multidisciplinary lessons, teachers can help students funnel their curiosity into meaningful learning experiences. The following lessons are examples of how to incorporate student curiosity and excitement about animals into grade-level appropriate activities for students before, during, and after zoo field trips.

AIMS AND OBJECTIVES

● On this field trip students will examine a variety of animals and their habitats.

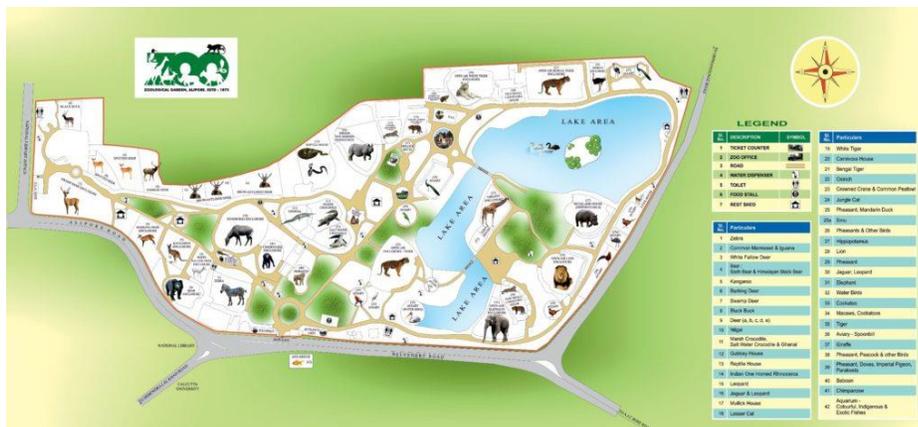● Students will become familiar with animals' diets and their daily activities.

● Students will ask and answer questions pertaining to a variety of animals and where they are located in the zoo and on the globe.

● Students will relate their virtual field trip experience to multiple activities that will be viewed and assessed by the teacher.

ABOUT THE ZOO

The Zoological Garden, Alipore (also informally called the Alipore Zoo or Calcutta Zoo) is India's oldest formally stated zoological park (as opposed to royal and British menageries) and a big tourist attraction in Kolkata, West Bengal. It has been open as a zoo since 1876, and covers 18.811 ha (46.48 acres). It is probably best known as the home of the now expired Aldabra giant tortoise Adwaita, who was reputed to have been over 250 years old when he died in 2006.

It is also home to one of the few captive breeding projects involving the Manipur brow-antlered deer. One of the most popular tourist attractions in Kolkata, it draws huge crowds during the winter season, especially during December and January. The highest attendance till date was on January 1, 2018 with 110,000 visitors.

VISIT AND FIELD WORK

ZOO VISIT :-

In the early morning, we all students of 1st year and 2nd year gathered together with our respected teachers outside the Zoo. Before entering the zoo, we were told to maintain discipline. Then we all entered the zoo one by one. After that we went to the auditorium inside the zoological garden where we all were informed about the whole day programme. Then we were introduced to our respective guides. Out of them one guide was with us for the rest of the day. Then the whole team was divided into small groups. Next we started the zoo tour. We all were very excited about the whole thing.

AT THE ZOO :-

We started our tour with the guides and teachers with necessary tools like (pen paper, notepad & camera etc.) for observing animals. We were divided into four groups.

Student's Name	Animals Observed
Group A : **1. Trisha Bandhu** **2. Snigdha Banerjee** **3. Souvik Srimani** **4. Prerona Modal**	Leopard Marsh Crocodile Tokay Gecko Swamp Deer

Group B : **5. Ananya Ray** **6.Maitraayani Ghosh** **7. Mayesha Tasnim** **8. Alisha Mondal**	Jaguar Gharial Ostrich Grey Parrot
Group C : **9. Rima Roy** **10. Ratul Surai** **11. Tuhin Patra** **12. Arnab Sardar**	Royal Bengal Tiger Golden Tree Snake Sambar Deer Fishing Cat
Group D : **13. Nilabha Pal** **14. Sk. Masidul Islam** **15. Sourav Biswas** **16. Indu Koley**	Indian Elephant Reticulated Python Land Monitor Lizard Indian Flapshell Turtle

WORLD WILDLIFE DAY CELEBRATION : QUIZ COMPETETION EVENT AT ZOO:-

After completing our Zoological tour. We attended a quiz show which was organised by Wildlife Crime Control Burau(WCCB),Govt of India, on World Wildlife Day, 3rd March, 2019. It was a quiz competition between our college (Narasinha Dutt College) & Asutosh College. Students were divided into groups. Total six groups were formed. Competition looked harder as the time goes on. All groups tried to put a good fight. But at last 2nd year group of our college stood first, 1st year group of our college stood second. Open question was also present for the audience.

Our whole team with the organizers

The whole team

RDDR, WCCB, Sri Agni Mitra delivered his lecture and conducted quiz competition

Then our departmental Professor Dr. Shukla Mukherjee & Dr. Shampa Sarkar gave a speech. Judges also acknowledged us with new things. After the quiz show we went for a lunch which was arranged for us by the zoological garden. After having our lunch we took some rest & chatted with friends. Then, we visited the aquarium house situated opposite to zoo. We, the students were guided and accompanied by the Regional Deputy Director, WCCB, Sri Agni Mitra, IFS and Additional Director of Zoological Garden throughout the program.

We were surprised to visit the fish species & their body colours. They looked mesmerized. Then, the time came for which we waited for few hours. After that prize distribution ceremony was held. Winners took their prize one by one. They were very curious about their prize. So, they opened it & discovered a well-known book on nature & wildlife. We also took a group picture along with teachers & respected judges.

After this great experience, we came out of the zoo and returned home by our following routes.

FINDINGS AND OBSERVATIONS

Following animals which were observed in our zoological tour listed below:

Findings	Discussions
Leopard	Common Name:-Panther Scientific Name*:- Panthera pardus* Status:- Vulnerable (IUCN 3.1)
Jaguar	Common Name:-Jaguar Scientific Name:- *Panthera onca* Status:-Nearly Threatened (IUCN 3.1)
Royal Bengal Tiger	Common Name:-Royal Bengal Tiger Scientific Name:- *Panthera tigris* Status:-Endangered (IUCN 3.1)
Marsh Crocodile	Common Name:-Mugger Crocodile Scientific Name:- *Crocodylus palustris* Status:- Vulnerable (IUCN 3.1)
Gharial	Common Name:-Gharial Scientific Name:- *Gavialis gangeticus* Status:- Critically Endangered (IUCN 3.1)
Reticulated Python	Common Name:-Reticulated Python Scientific Name:- *Malayopython reticulatus* Status:-Least Concerned (IUCN 3.1)
Golden Tree Snake	Common Name:-Golden Flying Snake Scientific Name:- *Chrysopelea ornata* Status:-Least Concerned

Tokay Gecko	Common Name:-Gecko Scientific Name:- *Gekko gecko* Status:-Least Concerned (IUCN 3.1)
Land Monitor	Common Name:-Bengal Monitor Scientific Name:- *Varanus bengalensis* Status:-Least Concerned (IUCN 3.1)
Swamp Deer	Common Name:-Barasingha Scientific Name:- *Rucervus duvaucelli* Status:-Vulnerable (IUCN 3.1)
Sambar Deer	Common Name:-Sambar Scientific Name:- *Rusa unicolor* Status:-Vulnerable (IUCN 3.1)
Ostrich	Common Name:-Ostrich Scientific Name:-*Struthio camelus* Status:-Least Concerned (IUCN 3.1)
Grey Parrot	Common Name:-African Grey Parrot Scientific Name:- *Psittacus erithacus* Status:-Endangered (IUCN 3.1)
Indian Flapshell Turtle	Common Name:-Indian Flapshell Turtle Scientific Name:- *Lissemys punchata* Status:-Vulnerable (IUCN 3.1)
Fishing Cat (State animal of West Bengal)	Common Name:-Fishing Cat Scientific Name:- *Prionailurus viverrinus* Status:-Vulnerable (IUCN 3.1)
Indian Elephant	Common Name:-Indian Elephant Scientific Name:- *Elephas maximus indicus* Status:-Endangered (IUCN 3.1)

CONCLUSION

The zoo can be used not only as a place for exploration and creating curiosity in us, but also as a location for meaningful science instruction. Through the use of engaging, hands-on activities; us, the students can begin to explore our ideas about wild animals and build on these ideas both before and after a zoo field trip. And by participating in an esteemed educational environment enhanced our enthusiasm in the field of the subject. Hence the impact of a joyful, cheerful and involving day was pretty positively conclusive.

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