



A report on activities

NEPAL

A Blueprint for developing Zoo Education
Master Plan for Central Zoo, Kathmandu



REPORT BY
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Centre for Environment Education



National Trust for Nature Conservation
Central Zoo

CEE
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Developing Master Zoo Education Plan for Central Zoo, Nepal

Well planned and appropriately designed zoos can sensitize visitors to the dangers of a hostile or indifferent attitude towards nature. The first and foremost purpose for developing c'Zoo Education Master Plan for zoos is to inspire zoo visitors) empathy and awareness, for the need of conservation of wildlife and maintaining the ecological balance. The need and imperative for zoos to include education as an integral part of their overall plans and functioning is today recognized and finds place in policy documents at international and national levels. The key areas which a Zoo Education Master Plan needs to address towards developing, executing and sustaining zoo education are:

- Understanding the Visitors to the Zoo
- Zoo Interpretation
- Education and Outreach activities
- Training and Capacity building
- ~~AAA~~ Networking and Partnerships
- ~~AAA~~ PR and Marketing

A workshop to review the existing educational programmes and overall situations of the central Zoo with the discussion with the zoo staffs and representatives of the Stakeholders group was organised. The workshop was held at Central Zoo from March 1-3, 2011.

Developing Zoo Educators' kit for Conservation Education(CE) for South Asia, including an Educational Manual for Educators and a CD

Rationale for developing the Zoo Kit

South Asia, formerly known as the Indian Subcontinent, consists of eight countries namely India, Pakistan, Bangladesh, Bhutan, Nepal, Sri Lanka, Maldives and Afghanistan.

Oggpc'Pctguy y ct.'CEE representative has been selected by the International Zoo Educators' Cuoqek'kqp'(IZE), as a Board Member and the Regional Representative for Zoo Education in South Asia. The term is from 2010-2014.'Correspondence and communications have happened with several zoos located in these countries and many zoo educators have suggested and keenly expressed, that developing ap Educators' manual would be a very useful educational material for their zoos.

The manual would be a very effective tool/aid for conducting activities with students in the zoo, both by the school teachers as well as zoo educators, volunteers and facilitators. Along with the Teachers manual there has been also a request to develop a CD, as a supplementary and complimentary educational tool for teachers.

The Zoo Educators' kit, to be developed by CEE would consist of an Educators' manual and a CD, y qwf "dg" c'tguqwtg to educate students on the animal in the zoo, and issues related to sustainable development.

The teachers)manual to be developed by CEE seeks to orient."equip and aid teachers in carrying out their role as zoo educators' effectively and in a fun way.. The manual will deal with various aspects of how Zoos can be used for Conservation Education. It will kpenwf g<

/Role of a Zoo and its management, changing role in the present ueenario

/National Zoo Policies and legislations with regard to zoo and wildlife and status

/Role of zoos supplementing the in-situ efforts

/Planning effective School visits to zoos – Pre, during. and the Post Zoo visit

/Interesting facts on wildlife, forests, endangered species and climate change

/Activities and worksheets that involve students directly in exploring, discovering and engaging with a variety of ecology concepts as well as aspects of zoology, biology and environmental studies.

/Project Ideas

/Feasible and interesting project ideas would be suggested and listed, that the students can carry out, consulting agencies and institutions like museums, other zoos, universities and NGO's.

Developing the CD

The CD would be designed and developed and would include :

/Slide shows on vj g'tole of a Zoo cpf "Zoo Ethics

/Gequ{ ugo u'hng'vj g'Tckp'Hqtguu.'Eqtcnt'ggh'O cpi tqxg."Y gwæpf u'cpf 'hngu."

I tcuurcpf u'cpf "uetwdrpf u.'F gugtu"

/Hqto "cpf "Hævæq'p'P cwtg/Kvtqf wæpi "ej ctcevt'ku'eu'qh'O co o cnu.'Dktf u.'Tgr wngu."Kugevu"

/Factly orksheets"(downloadable.printable) qp"eqo o qp"ur gelgu'qh'Cukc."kpugevu."dwwgthrgu
/Lesson Plans on different aspectu of Biodiversity

A Review Committee has been set up, which tgxkgy gf "vj g"first CEE-CZA commwplecckqp

**Workshop title: Environmental Education Needs Assessment Workshop for Schools
“Linking Schools to Royal Botanical Park”, Bhutan**

Workshop Objectives:

1. To identify environmental education needs of the schools (primary, secondary and higher secondary schools) to complement learning at Royal Botanical Park, Lamperi.
2. To develop relevant educational activities at Royal Botanical Park for schools that can complement school curriculum.
3. To promote and pilot Royal Botanical Park, Lamperi as a living classroom for schools in Bhutan for experiential learning.

Workshop Dates:

The workshop is planned for two days from 4-5 November. 2011. The venue will be at Royal Botanical Park, Lamperi.

Workshop participants:

The participants will consist of teachers from schools in and around Thimphu, from primary, secondary and higher secondary schools teaching sciences, social studies, geography, environmental studies and nature club coordinators. The other participants will be from Department of Curriculum, Research and Development (DCRD) under Ministry of Education, Royal Society for Protection of Nature (RSPN), World Wildlife Fund (WWF), Bhutan Trust Fund for Environmental Conservation (BT FEC), National Biodiversity Center (NBC), National Parks, Wildlife Conservation Division (WCD), NRED and RBP. A total of about 35 participants including two resource people from Center for Environmental Education (CEE), India are expected to attend the workshop.

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Resource Person:

Two resource people from Centre for Environmental Education (CEE), Amedabad, India, experienced in developing education activities and teachers manual for schools related to national parks and recreational areas will facilitate the workshop along with officials from NRED and RBP. CEE will be involved in workshop facilitation, development of educational activities and Teachers Manual for RBP.

Based on the objectives of the Workshop. CEE will make it interesting and participatory

All partner organizations and agencies y knbring in, display. and share their resource materials. The workshop will be from the 2nd November to 9th November, 2011.

Showcasing Prototype of a Pilot 'Handprint Zoo' - Hyderabad Zoo ' - CEE- Hyderabad Zoo Collaborative Project - A Proposal

It is proposed to weave sustainable actionu generated by all programs of the Zoo as a *Hand Print*. This is possible by promoting all sustainable action at Zoo as Hands for Change; this will also enable o cp{ positive actions by visitors at Zoo. These will highlight a variety of sustainable action messages identified in line with the overall sustainability strategy of the Zoo.

Zoos can make an impact on visitors’ attitudes & mindsets about environment conservation. Zoo messages should not only concentrate on conservation education but environment education as a whole.

Few Sustainability Examples at Hyderabad Zoo

Plastic ban – This ku'already under y qtmin'vj g zoo and r mwe"dcu u'dgmy '62/o ketqp" vj kempgu'ctg'banned in cm'qhHyderabad cu'qh'1st July0"

Battery operated vehicles for safari and for visitors on hire basis – right now only one battery operated vehicle is there. Vj g'test are fuel operated (not very sure about the pwo dgt+'cpf 'xkukqtu'xgj kergu'ctg'cmqy gf 'kpkf g'y kj 'c'ej cti g'qh'ctqwpf '7220Dle{ ergu'ctg" cpqj gt'qr vqp'dw'cu'vj g'xkukqtu'eqo g'cu'fco kkgu'vj ku'o ki j v'dg'r tghettgf 'hguu0'/// /Uqrt 'hki j vpi "

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/K r qtcpeg'qh'kpf ki gpqu'ur geku"

/Vj g'S'T'u'eqpegr v"

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Dcv'Uj qy 'cv'Uwpc'cxcp""

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ce'v'k'kgu."qwtgcej 'ce'v'k'kgu."cpf 'eco r kpi 'cv'c'pwo dgt'qh'dgcw'k'hw'r megu0Cu'r ctv'qh'vj g'Y kf r'kg"

y ggn'EGG'ku'r mppkpi 'vq'qti cpk g'c'dcv'uj qy 'hqt'vj g'r wdrle0"