

Master Plan
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Unit Title: Establishing Nature Clubs at 12 local schools for imparting first hand environmental Education
Trainees: Fellow Teachers & Students
Training Time: Six month (September 2008 – February 2009)
Lecture Materials & Resources: A Guide on Nature Club activities, Lectures, multimedia presentations, practical Exhibitions of activities, Resource material

Desired Results	
Goals or Power Standards	
<ul style="list-style-type: none"> • Enabling the teachers to create love and care for nature through establishing Nature Club at their schools. • Enabling the teachers to realize the importance of Environmental Education and its impacts on our lives and livelihood. • Equipping the teachers to acquire and impart information about environmental issues along with remedies through various means including internet and other available means. • Motivating the teachers to conduct practical activities regarding: <ul style="list-style-type: none"> ○ Recycling ○ Conservation of natural resources of their area ○ Taking steps to prevent: <ul style="list-style-type: none"> ▪ Water pollution ▪ Air pollution ▪ Noise pollution ▪ Soil degradation ○ Taking steps to impart awareness regarding sustainable use of the available natural resources. 	
Enduring Understandings	Essential Questions
<ul style="list-style-type: none"> • <i>Trainees shall understand that ...</i> <ul style="list-style-type: none"> ○ Environmental education is an integral part of education regarding bringing about positive changes in the behavior of students towards their immediate environment. ○ Nature clubs are essential tools for imparting EE through informal education. ○ Activity based education in the field of environmental 	<ul style="list-style-type: none"> • <i>How would I enable the teachers to establish Nature Clubs at their schools?</i> • <i>How would I make the teachers realize the importance of EE and its impacts on our lives and livelihood?</i> • <i>How would I motivate the teachers to acquire an impart information about environmental issues?</i> • <i>How would I motivate the teachers to share knowledge with their students and other fellow teachers regarding environmental</i>

education is better than the traditional method of imparting education.	education using all the available means including internet ?
Knowledge	
<p><i>Trainees will know ...</i></p> <ul style="list-style-type: none"> • How to establish a Nature Club in their school? • What are the objectives, procedure for establishment, and function of a Nature Club? • How to impart activity based education regarding bringing about changes in the behavior of taught targeting their immediate environment? • How to conduct activities regarding prevention of water pollution, soil degradation and air pollution etc. 	<p><i>Trainees will be able to ...</i></p> <ul style="list-style-type: none"> • Establish a Nature Club at their school involving other fellow teachers and students. • Select various position holders and members of a nature club from students. • Make the student run the Nature Club successfully according to the desired objectives. • Share information through various means including internet with their fellow teachers, other schools and organizations.
Assessment Evidence	
Performance Tasks	Other Evidence
<p>The trainees shall be assessed through a questionnaire (Annex – 1) pertaining to the following disciplines:</p> <ul style="list-style-type: none"> • Acquire information about establishing a Nature Club at their schools from the book (Nature Club in Schools – an Urdu illustrated book) • Read the activities thoroughly and find the material essential for such activities. • Make an action plan/time table for conduction of all the activities to the selected members of Nature Club. 	<ul style="list-style-type: none"> • Visible indicators in the behavior of the students regarding their immediate environment. (Template shall be provided for observing the behavior of students) • Plans for protection and conservation of Natural resources of the area. (activities) • Impart the information to other students and teachers of your area. (textual information) • Make sure that the members are raising funds for the proper running of the nature Club. (Record of the club Finance secretary)
Training Plan	
Time period (Duration)	Training Activities
<p><u>First week</u> (First week of September 2008)</p>	<p>Identification and selection of trainees from the selected schools (2 schools from University of Peshawar and 10 schools form Hayatabad – a posh town of Peshawar.</p>
<p><u>Second week</u> (second week of September)</p>	<p>Conducting a One – Day training workshop for the first group (selected teachers from 03 schools – first group) (Annex – 2)</p>

2008)	
<u>Third week</u> (Third week of September 2008)	Conducting One – Day training workshop for the second group of teachers (selected teachers from 03 schools) (<i>Annex – 2</i>)
<u>Fourth week</u> (Fourth week of September 2008)	Conducting One – Day training workshop for the third group of teachers (selected teachers from 03 schools) (<i>Annex – 2</i>)
<u>Fifth week</u> (First week of October 2008)	Conducting One – Day training workshop for the fourth group of teachers (selected teachers from 03 schools) (<i>Annex – 2</i>)
<u>Sixth week</u> (Second week of October 2008)	Evaluating the clubs established by the trainees
<u>Seventh week</u> (Third week of October 2008)	Activities of Nature Club at the member school through involving students and teachers (group – 1)

Action Plan for conduction of activities of NC

S#	Week/Month	Activity/(ies)	Venue	Facilitator
1	Third week of October 2008	Meeting of the first group (group A) regarding celebrating cleanliness week at all members schools	Hayatabad Model School, Hayatabad, Peshawar.	Khurshid Ahmed
2	Fourth week of October 2008	Conducting class room activities with the first group	Respective school	Leaders of Nature Clubs at the respective schools
3	First week of November 2008	Conducting activities with the second group	Respective school	Leaders of Nature Clubs at the respective schools
4	Second week of November 2008	Conducting class room activities with the third group	Respective school	Leaders of Nature Clubs at the respective schools
5	Third week of November 2008	Conducting class room activities with the third group	Respective school	Leaders of Nature Clubs at the respective schools
6	Fourth week of November 2008	Conducting class room activities with the third group	Respective school	Leaders of Nature Clubs at the respective schools
7	First week of December	Conducting class room activities with the fourth group	Respective school	Leaders of Nature Clubs at the respective schools
8	Second week of December	Meeting regarding formation an “Environmental Youth Front” at their respective areas	Hayatabad Model School, Hayatabad – Peshawar	Leaders and Presidents of Nature Clubs from all the groups.
9	Third week of December 2008	Evaluation of the campaign regarding formation of EYF	Hayatabad Model School,	Leaders and Presidents of

			Hayatabad – Peshawar	Nature Clubs from all the groups.
S#	Week/Month	Activity/(ies)	Venue	Facilitator
10	Fourth week of December	Conducting a debate competition among the students of all the member schools with the theme “Sustainable use of Natural use is not necessary” inviting the members from the EYF as guests.	One of the members school that is easy to access for all the participants.	Leaders of all Nature clubs
11	First week of January 2009	Due to winter vacations in schools, all the members of the Clubs shall be assigned tasks to do at their communities	Respective communities	President of Nature Clubs along with the Presidents of EYF
12	Second week of January 2009	Due to winter vacations in schools, all the members of the Clubs shall be assigned tasks to do at their communities	Respective communities	President of Nature Clubs along with the Presidents of EYF
13	Third week of January	Meeting of all the Club leaders and Club Presidents/G. Secretaries regarding evaluation of the tasks assigned to them and members of EYF.	Respective school	Khurshid Ahmed
14	Fourth week of January	Evaluation of the activities conducted so far. New activities to be assigned e.g. list all the plants found in your area, list all the local wild animals and the threats posed to these animals.	Respective school	Leaders of Nature Clubs at the respective schools
15	First week of February 2009	Evaluation of the activities of EYF and forwarding suggestions if any. Status of the current situation as compared with the near past.	Respective school	Leaders of Nature Clubs at the respective schools
16	Second week of January 2009	Format of reporting of all the activities so far conducted	University Public School, UoP	Khurshid Ahmed
17	Third week of January 2009	Plan for sustainability and enhancement of areas.	Hayatabad Model School, Hayatabad – Peshawar	Leaders and Presidents of Nature Clubs from all the groups.
18	Fourth week of January 2009	Coordinated plan for the activities conducted by NC	Hayatabad Model School,	Leaders and Presidents of

		and EYF for the year 2009	Hayatabad – Peshawar	Nature Clubs from all the groups.
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1. Who are the people I need to work with to accomplish these goals?

- a) Principals of the respective schools
- b) Selected teachers from the proposed schools
- c) Selected students from higher classes
- d) Officials from Environmental Protection Agency of Pakistan
- e) Officials from NGOs (WWF – P, IUCN etc.)
- f) Community influential, youth of the community, elders and town Nazims (Mayors)

2. What tasks can I delegate to accomplish goals?

- a) Designating various positions to the club members and assigning them their respective tasks and duties.
- b) Designating position to various officials for establishment of Environmental Youth Front
- c) Evaluating the progress through the Club leaders (who is always a teacher)
- d) Keeping record of all the evaluations that come through filled Performa (Annex – 3)

3. Time & accountability for completing goals

Benchmarks	Due dates
1. Benchmark 1: At least 24 teachers shall be selected for imparting information regarding establishment of Nature Clubs	First week of September 2008
2. Benchmark 2: The teachers are fully capable of establishing Nature Clubs at Schools comprising activities about their immediate environment and natural resources	Second week of September 2008
3. Benchmark 3: The trainees have established Nature Clubs at their schools and they are fully functional	Third week of the September 2008
4. Environmental Youth Fronts are established due to efforts of the members students of NC and are actively involved in conservation activities.	Fourth week of September 2008

4. Assessment

In order to ensure sustainability of the process, the evaluation process shall be continued through:

- a) Monthly queries on a printed template
- b) Bimonthly meetings regarding sharing the knowledge about new ideas and plans
- c) Extending the plan to the other schools of Peshawar
- d) Consistent reporting from the officials of EYF and NC for evaluation and future plans.

5. *Sustainability*

Both the forums shall work through a set of bylaws developed through the mutual consensus of all the selected members of Nature Club as well as Environmental Youth Front. The officials shall be bound to conduct elections on yearly basis in EYF while in the case of the Nature Club, the leaders shall have the authority to extend the circle to more students of the same school or to the other schools. All the school shall be coordinated through a chairman of the forum later

Annex – 1

(Template of Questionnaire for evaluation of trainees)

Name:..... School:..... No. of member
students..... Address/Ph.#.....
.....

Q.1. Define a Nature Club?

Q.2. What are the objectives of nature Club?

Q.3. Why nature clubs are essential on school level?

Q.4. What is environment and its components?

Q.5. What is biodiversity and how it is necessary to retain biodiversity of a place:

Q.6. what are the components of environment and what are the fundamental elements of environment? (Like biotic and abiotic factors, etc.)

Q.7. What is meant by ecosystem?

Q.8. What are the steps necessary for establishing a Nature Club at School?

1.
2.
3.
4.

More(Please attach your action plan for the forthcoming month in particular and general action plan for the year)

Annex – 2

Agenda for One – Day training workshop on establishing a Nature Club

S#	Time	Activity	facilitator
1	09:00 – 09:30 am	<ul style="list-style-type: none"> • Introduction of the Participants • Objectives of the workshop 	Khurshid Ahmed
2	09:30 – 10:30 am	What are environment and its component? How is environment important regarding our life and livelihood?	A local teacher
3	10:30 – 11:15 am	Food Chain (activity)	
4	11:15 – 12:15 am	Biodiversity and its types	
5	12:15 – 01:15 am	Lunch break	
6	01:15 – 02:00	Ecosystem, biotic and abiotic factors, role of producers, air, water, soil and sunlight in nurturing producers.	
7	02:00 - 3:00 am	What is a Nature Club? Steps essential for establishment of a Nature Club	
8	03:00 – 03:45 am	Brief of all the activities given in the book of Nature Club	
9	03:45 – 04:15 am	Wrap up, suggestion and recommendation	

