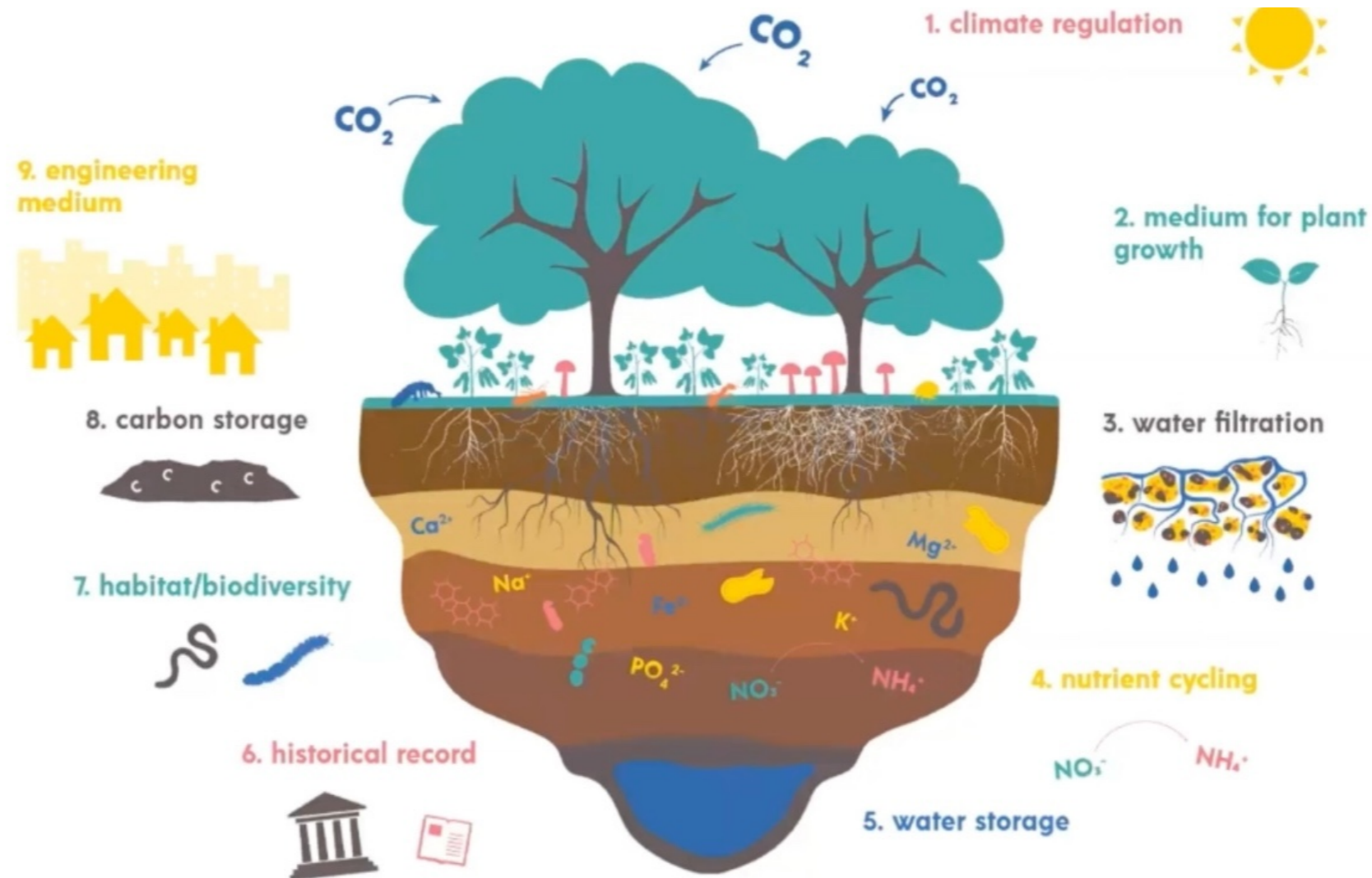


BhuShakti BioTech LLP.



**Working with Nature in a Sustainable manner
Agriculture, Waste Management & Climate Change**

Environmental Club in School



Mobilising forces of the youth through education Working to achieving and exceeding Sustainability Goals to attain Regeneration Goals.

Regenerating the Earth and our humanity.

Environmental Club in School



- Club will consist a group of interested students working collectively to acquire through experiential learning solutions to regenerate our planet and humankind.
- The club will be self driven, self regulated and managed by the club members themselves with the school and practioners providing resources and support.
- Bhushakti will facilitate these clubs to create a new generation of environmentally conscious and proactive group of people to undertake this transformation.



PAVIT SHAKTI

UNSDG areas in which BBL partners with the School



Environmental Club in School

Approach

- Set up and funded by the school (funds required are minimal)
- Run by the students of the school under guidance of their teachers and facilitator from BBL
- BBL continuously delivers Train the Teachers and Train the Coach program
- BBL will provide training resources organic fertilisers, expert teachers and consultation
- BBL will arrange visit to farms, orchards that use organic approach and the opportunity to discuss with agriculturists & scientists to learn best practices and implement them in their club and homes.





Environmental Club in School



Realisable outcomes - 1

- Acquiring knowledge and appreciation by experiential learning. Preparing a road map on how to achieve UNSDGs & Regeneration
- Understanding Climate Change
- Demonstrating the importance of biology in preserving our environment which is currently dominated by chemistry.
- Restoring environmental balance by working with nature to achieve UNSDGs.
- Interacting with scientists, farmers, etc to understand problems, challenges and solutions in the environment.
- Set up green zones on school premises where gardening and limited cultivation are undertaken, waste management is understood and implemented, etc. to provide practical learning and demonstration of environmental studies.
- Enjoying nature and achieving a higher quality of life.



School Environmental Clubs



Realisable outcomes - 2

- Learn about importance of soil and water health as a means to achieve good health & eliminate hunger
- Learn to organically recycle organic waste.
- Learn how to reverse desertification and soil salinity
- Achieving higher quantity, quality and biodiversity of flora
- Learn how to preserve the environment
- Highlighting a good future by pursuing careers in agriculture and the environment
- Build a resource pool on environmental studies and practices and project reports
- Develop Green Leaders
- Build a community of people committed to a better world in and beyond the school

Environmental Club in School

Resource requirement from school



- 500 sq mtrs of open land, mostly fertile and some barren (50:50)
- Appoint a facilitator from the school.
- Appoint a gardener with one assistant to work under BBL staff instructions.
- Access to a discussion room with TV & internet connection to seat minimum 20 people. To be used maximum twice per week for 1 hr sessions.
- A small shed 10 to 20 sq mtrs where resources such as garden implements, fertiliser, seeds and containers can be stored.
- Gardening implements, instruments, charts, seeds, pots, soil, manure, composting bins etc. Poles, green screens etc

Environmental Club in School



Program Structure

- 2 hours per week to be taken up as an extra curricular activity by the students, running over 35 weeks.
- Will be hybrid educational format predominantly self and peer research and learning and group discussions. Practicals (40%), theory (30%), projects (20%) field trips (10%).
- BBL will provide a master facilitator and functional experts to teach and guide the members of the environmental clubs. This will cost the school the school a monthly nominal fee. If no budget is available, BBL will bear the cost for first 3 months.
 - The cost is for the time value of trainers, experts, practioners, researchers, cost of travel and their misc expenses
 - A part of the expenses would be recovered by the price of organic produce that will be generated, the reduction in water purchase bill, the waste handling and reduction in power for cooling and heating the premises. The aesthetics and ambience will be another intangible benefit.



Environmental Club in School



Program outline

- The students estimated to be about 40 will be broken into 5 teams with individual member taking turns to act as coordinator.
- Each team will undertake projects around themes which will revolve around the environment, soil, water, air, plants, waste management, pollution etc.

Environmental Club in School

Only Organic products will be used



- Organic Fertilisers
- Organic Decomposers
- Bio Pesticides
- Bio Fungicides