

APRIL 2024

HAMARA APNA SCHOOL

Bamboo School

PAKISTAN'S FIRST FLOOD RESISTANT STRUCTURE SCHOOL



ALIF LAILA BOOK BUS SOCIETY - IBBY PAKISTAN

PREPARED BY

AMNA HASSAN KAZMI
CEO
ALIF LAILA BOOK BUS SOCIETY

ABOUT ALIF LAILA BOOK BUS SOCIETY



BRINGING BOOKS WHERE THERE ARE NONE!

Alif Laila Book Bus Society, a non-profit organization in Pakistan, focuses on promoting early literacy, and reading habits, providing access to books and educational resources for children. The organization operates stationary and mobile libraries that travel to various communities and schools across Pakistan, giving children the opportunity to explore and borrow books.

Programs:

Alif Laila Book Bus Society offers a range of programs and activities. These include storytelling sessions, book distribution, educational workshops for teachers, and the creation and support of maker spaces and hobby clubs. These maker spaces and hobby clubs provide creative and interactive environments for children to engage in hands-on activities, fostering their creativity and practical skills. The Society collaborates with schools, teachers, and local communities to reach and impact as many children as possible.

PROJECT DESCRIPTION

The Bamboo School, a hallmark of sustainable education, stands in Dera Allah Yar, District Jaffarabad, Balochistan, as a symbol of resilience and hope. It is a project conceived by the collaborative efforts of Waterbridge Outreach, GlobalGiving, and Alif Laila Book Bus Society, aiming to provide a flood-resistant, eco-friendly educational environment to an area that previously lacked schooling facilities. This report encapsulates the journey from its conception to its current standing as an educational haven for 90 children.

Before the Bamboo School's establishment, the children of Dera Allah Yar had no access to formal school and attended a tent school set up by Alif Laila for two years. Recognizing the critical need for a permanent educational structure, especially in a flood-prone region, the idea for a durable, flood-resistant school was born. The design incorporated bamboo as the core construction material, known for its sustainability and strength against natural disasters and inspiration was derived by Yasmin Lari's Bamboo Huts in Pakistan and Green Schools Bali, Indonesia.

CURRICULUM AND PEDAGOGY

The Bamboo School currently serves 90 registered children, ages 3 to 12, through a curriculum that emphasizes 'learning through play' and early literacy skills, essential for school readiness. The approach supports multi-grade learning, allowing children to engage at different levels based on their abilities. A comprehensive teacher training program has been conducted to equip educators with innovative teaching methodologies reflective of the school's philosophy.





OUR SCOPE OF WORK

THIS SECTION INCLUDES THE PROJECT PROCESSES, IMPLEMENTATION, AND EXECUTION.

The architectural blueprint and construction were overseen by a skilled architect and engineer, ensuring that the structure was not only environmentally friendly but also robust enough to withstand the regional challenges. The final stages of construction saw the successful installation of essential utilities such as electricity and water supply, with a forthcoming addition of solar panels for renewable energy.

Since its inception, the Bamboo School has become a beacon for early education in Balochistan. The use of bamboo has set a precedent for sustainable school construction in disaster-prone areas, providing a safe learning space for children. The curriculum, focusing on STEAM and nature-inspired learning, empowers students with critical thinking and problem-solving skills, bridging the digital divide and fostering a culture of reading and creativity.

To achieve these ambitious goals, the Bamboo School's project plan outlines a comprehensive approach that includes:

- **Defining Clear Objectives:** Articulating specific, measurable, achievable, relevant, and time-bound (SMART) objectives for each focus area of the project.

- **Project Scope and Activities:** Detailing the activities involved in enhancing literacy skills, increasing access to books, integrating technology, and improving the quality of education. This includes the procurement of resources, training of teachers, and development of curriculum.

- **Roles and Responsibilities:** Assigning clear responsibilities to Bamboo School staff members and partners. This ensures that every aspect of the project, from logistics to teaching, is handled by individuals with the right expertise and commitment.

- **Timeline and Milestones:** Establishing a realistic timeline for the rollout of different project components, with specific milestones to track progress. This ensures that the project stays on schedule and any delays are addressed promptly.

- **Risk Mitigation:** Identifying potential risks and challenges that could impact the project's success, such as resource shortages or technological barriers, and developing strategies to mitigate these risks.



PROJECT TIMELINE

THIS SECTION INCLUDES THE PROJECT PROCESSES, IMPLEMENTATION, AND EXECUTION.

TASK	STARTING DATE	END DATE
PHASE 01 TRAINING AND DEVELOPMENT	JANUARY 2024	MARCH 2024
PHASE 02 PILOT PHASE IMPLEMENTATION NON- FORMAL EDUCATION	MARCH 2024	AUGUST 2024
PHASE 03 CURRICULUM UPGRADE, FORMAL EDUCATION	SEPTEMBER 2024	AUGUST 2025



BUDGET BREAKDOWN

WATERBRIDGE OUTREACH

\$ 6578

RS. 1,841,840

GLOBALGIVING

\$ 2857

RS. 800,000

ALIF LAILA BOOK BUS SOCIETY

\$ 2193

RS. 614,155

PHASE	ESTIMATED BUDGET
PHASE 01 ARCHITECTURE PLAN, BOQ	RS. 188,498
PHASE 02 CONSTRUCTION COST INTERIOR, FURNITURE, GADGETS	RS. 2,952,764
PHASE 03 TRAINING, LAUNCH, MISCELLENEOUS	RS.114,733
GRAND TOTAL \$ 11,707	RS. 3,255,995/-

OUR EVALUATION PLAN

OUR EVALUATION TOOLS ARE DEVELOPED BY CREATIVITY, CULTURE AND EDUCATION AND THEY ARE VERY USEFUL IN EVALUATING THE IMPACT.



For M & E of the project we will be using the following strategies;

- Conducting surveys and interviews of the beneficiaries designed on project's relevance, effectiveness, efficiency and sustainability
- Using planning and evaluation forms
- Monthly progress reports along with evidence of change
- Using the spidergram designed by Culture, Creativity and Education, our training partners, to record before and after development of creative habits of mind
- Using a Reading Assessment tool to monitor development in reading and comprehension levels

WE CONDUCT
EVALUATION ACTIVITIES
AND USE SUCCESS OR
PERFORMANCE
INDICATORS TO MEASURE
THE PROGRESS OF THE
PROJECT PLAN.
WE ARE VERY GRATEFUL
TO CCE'S CONTRIBUTION
IN OUR PROJECT'S
TRAINING AND
DEVELOPMENT.

STAFF & TEAM MEMBERS

THE LOCAL TEAM BEHIND THIS PROJECT



NOOR MIUHAMMAD
ADMINISTRATOR



MAHNOOR BALOCH
COORDINATOR
TEACHER ASSISTANT



SHAHABZADI
TEACHER

The primary goal of the Bamboo School project is to elevate educational outcomes for children in underprivileged communities by focusing on:

- **Early Literacy Skills:** Developing strong foundational literacy skills among young learners, ensuring they can read, write, and comprehend text early. This is crucial for their academic success and overall development.

- **Access to Books:** Significantly increasing the availability of books and reading materials for children. This includes setting up libraries and reading corners stocked with a variety of books that are accessible to all students.

- **Integration of Technology:** Leveraging technology to enhance learning experiences. This involves incorporating digital tools and resources into the curriculum, such as educational software, e-books, and interactive learning platforms, to make learning more engaging and effective.

- **Quality Education:** Ensuring all educational activities and resources meet high-quality standards. This includes providing professional development for teachers, implementing innovative teaching methods, and maintaining a supportive and stimulating learning environment for students.

SUSTAINABILITY PLAN

The Bamboo School champions a sustainable future, engaging the local community and employing innovative financial models to support its educational endeavors. A flexible fee system and local donations enhance community involvement and ensure equitable access to education. Self-sustainability is pursued through income-generating projects like community gardens and crafts, partnerships with local businesses for mutual benefit, and the use of technology to attract tech company support. Efforts to reduce operational costs include volunteer engagement, the implementation of solar power, and sustainable practices like rainwater harvesting. Additional initiatives focus on kitchen gardening for food sustainability and empowering women through skill-building projects. These comprehensive strategies make the Bamboo School a beacon of sustainability and community empowerment, setting a global standard for educational initiatives that are impactful and sustainable.



PARTNERSHIPS & COLLABORATIONS

THIS SECTION INCLUDES THE METHODS WHICH WILL EVALUATE THE PROGRESS IN ACHIEVING THE PROJECT RESULT.



The Bamboo School has embarked on an exciting partnership with Robosticks, a leading organization in robotics and coding education, to further enhance our curriculum and provide our students with cutting-edge learning opportunities. This collaboration opens the door for children to explore the fascinating world of robotics and coding, areas that are increasingly important in today's technology-driven society. By integrating Robosticks' innovative programs into our educational offerings, we are not only enriching our students' learning experience but also significantly broadening their exposure to STEM (Science, Technology, Engineering, and Mathematics) fields. This initiative is a testament to our commitment to equipping our students with the skills and knowledge they need to succeed in the 21st century, fostering creativity, critical thinking, and problem-solving skills through hands-on, engaging learning experiences.

WE HAVE PARTNERED WITH ROBOTSTICKS AND GIVING CHILDREN ACCESS TO ROBOTICS AND CODING IMPROVING THEIR EXPOSURE AND LEARNING.