



Deep in the heartland of Keonjhar, Odisha, a young tribal girl casts her vote as a part of Science Club Formation. This seemingly small act represents a powerful convergence of the resilience of tribal communities, the spirit of democratic engagement, and the transformative potential of education.

TRANSFORMING STEM INTO PLAY-BASED LEARNING

OUR REACH IN 2023- 2024

1,20,473+ STUDENTS
419+ SCHOOLS

In Life Lab classrooms, children are no longer passively taught science, but actively engaged in the fascinating world of STEM. Through a combination of Labs, DIY kits, Graphic Novels, Animations, and Life App, the program seamlessly integrates with existing Science and Math textbooks, making learning fun and enriching.

As India strives to become the world's second-largest economy, the integration of 'Science as Culture' becomes crucial for a dignified living. Life-Lab aims to make STEM literacy a life skill.

Life-Lab Classrooms Have Seen

90% Increase in engagement levels

50% Increase in participation in science exhibition

23% YOY (avg) increase in academic scores

* based on 3rd Party Audit by members of SAN, India

Life-Lab programs
advocate for



OUR PROGRAMS



WE ARE IN

- Madhya Pradesh
- Maharashtra
- Telangana
- Karnataka
- Delhi NCT
- Odisha
- Bihar
- Chhattisgarh
- Gujarat
- Andhra Pradesh
- Tamil Nadu
- Uttar Pradesh
- Punjab
- Chandigarh
- West Bengal
- Kerala
- Himachal Pradesh



STEM Lab

Life-Lab's flagship program in **STEM** is called the "Jigyasa" for children in **grades 1 to 10**. The program provides teachers with **demo models** of science and math concepts for use in class. These models teach over **1000+ concepts**, aligned with grade-specific curricula, that will be helpful for children in the future.

Life-Lab cares a lot about ensuring children have fun while learning. We **measure** the program's performance on **five important metrics**: fun, engagement, understanding, problem-solving, and creativity. Teachers receive up to **108 hours** of capacity building to learn how to teach in a more interesting & Inquiry-based approach.

In 2023-2024, Life-Lab set up over **381 labs** nationwide to help children see how science, technology, engineering, and math work in the real world. The STEM LAB is an excellent way for children to learn and have fun simultaneously!



STEM Box

STEM Box a.k.a Pragma - **DIY Kit-based program** for children of **grades 1 to 10** is a gateway to a world of discovery and innovation! From chemistry and biology to physics and engineering, these kits cover a wide range of scientific concepts and experiments, allowing children to explore and learn at their own pace, & in that process, have **memorable learning experiences**.

With easy-to-follow **language-agnostic** DIY books, the DIY Kits provide an engaging, activity based and interactive learning experience that excites children.

Whether they're working on experiments alone or with friends, our kits offer a fun and safe way for children to get hands-on experience and develop their passion for learning. In 2023-2024, Program Pragma created over **9,83,628+ hours** of experiential learning for children in classrooms.



We are STEM Consultants with over a decade of expertise!

Our team has the following capabilities:

- * Formulating STEM Strategy
- * Monitoring & Evaluation Studies
- * STEM infrastructure in Schools
- * Animation & Comic Books
- * Teacher Training & Pedagogical Content
- * Assessments



STEM Libraries

Welcome to the exciting world of Life Lab **comicverse**, where children will meet an incredible cast of comic characters, including Gappu & Bobo, Deepa & Viji, and Hasmukh Sapnawala. Setting up reading rooms in schools is incredibly important as it can help children improve their applied STEM abilities.

STEM Libraries will help children learn about **SDGs and 21st Century Skills and develop Social and Emotional skills**. Children can enhance their knowledge and creativity by reading these books, getting inspired by the characters to solve problems in the community using STEM and thus, contributing to a better world.

In 2023-2024, Life Lab set up **148+ STEM Libraries** filled with the immersive stories of Gappu & Bobo!



Life App

Life App is a gamified, self-paced STEM learning app for students, where they can solve missions based on various STEM concepts, earn coins, and redeem the coins for meaningful in-store purchases to aid their learning journeys.

Life App also acts as an assigning and monitoring tool for teachers inside classrooms and has features like Mentor Connect where students can learn from the real life professionals about various career paths, Doubt Solving where students can resolve any doubts that may arise, and Peer Connect where students and co-learn with peers across the country by taking quizzes with them simultaneously.

As of March 2024, Life App has **1,32,576 + active users with an 81.3 % engagement ratio**.



VOLUNTEERING ENGAGEMENT PROGRAM

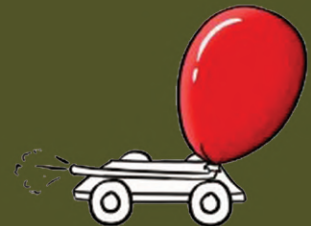
Recognizing the need for creating playful learning experiences, not just for students participating in STEM but also for the adults around them, Life Lab initiated its Volunteer Engagement Program built around the principles of play-based learning.

Har Ghar Balloon Car™, Life Lab's flagship Volunteer Engagement Program engages students and adults in an experience of co-creating & celebrating a simple act of building a balloon car together and participating in a balloon car race nudges us to celebrate the joys of shared experiences.

So far we have reached,
2.1 million+ Children
1,03,000+ Teachers
6,000+ Corporate
 Volunteers
102 Indian Locations
20 International Locations



Partners
 We work with



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