

Science on Wheels- LEARNING WITH FUN

Target Audience

5th to 10th standard students

Project Details

This project aims to instil a scientific temperament in normally arts-oriented rural primary students; this activity also reduces students' aversion to Math and Science subjects and improves their employability prospects.

In rural schools of India, the Arts stream is more common than Science as it requires lesser infrastructure and is less expensive; simultaneously, less prevalence of science stream is also attributed to student's phobia of Math and Science.

Rural students also have a preconceived notion that Science would require tuition and higher study in this particular stream would be costly; moreover, students have weak fundamentals due to chalk and talk teaching methodology, bookish knowledge, and primary teachers mostly themselves educated from the Arts stream. It is observed that arts graduate teachers teach next generation students, who again opt for Arts and become a teacher – this cycle continues. The cycle can break, provided if Science is made interesting and exciting, and not scary. With Science and Math on wheels, Science is tailored into activity-based, experiential learning, both enjoyable and playful.

Buses/Vans are converted into mobile Science laboratories. They are equipped with audio-visual equipment, countertops, cupboards and/or generator. These mobile labs go to rural schools and expose students to a new world of Math and Science by

- Exhibit of Science models with explanations and real-world applications.
- Science experiments and technology videos are shown on buses or in school classrooms.
- Hands-on activities that make use of reassembling educational toys and models.
- Puzzle and Mind Games – for both staff and students.
- Science-related books in the library.
- Creating working models out of basic components such as a parachute, periscope, kaleidoscope, balloon car, motor fan, and so on.

Project Highlights

- Inquisitiveness of Science and Math
- Real-life application of Science and Math
- Experimentation and observation skills development

Duration

3 hours respectively for Science and Math

Registration



To know more visit www.maafoundation.org. If you wish to enroll on this program, register yourself by scanning the QR code below.

We will get back to you soon.