

## Teacher Resource Labs (TRL) in Bahraich district

### **Introduction:**

Teachers' Resource Lab is a school resource laboratory, well equipped with experiential learning equipment, reference material and enabling infrastructure & technology. The lab provides valuable opportunity to children to use technology, conduct hands on experiments and thereby learn by doing. TRLs are also meant to act as a point of reference for the teachers of the nearby schools who can borrow the resources from TRLs and use them in their schools. Teaching and learning material created by teachers as well as students from different schools are also part of resources available in the lab.

Teachers' Resource Lab has been developed with the support of CARE India in the Bahraich district. TRL project is anticipated to improve competencies of students in the primary and upper primary grades in the domains of language, science and mathematics in 65 schools (45 Primary School and 20 Upper Primary School) and 15 KGBVs in Baharaich district through capacity building of teachers'. The project specifically seeks to fulfil the following objectives:

- a) Build capacities of teachers in the domains of language, math and science.
- b) Revitalise and position TRL as a vibrant teacher development centre.
- c) Inculcation of Scientific temper among children by using ICT, reference books & resource lab

### **Key Strategies of TRL project:**

- **Revitalising Cluster Resource Centers (CRCs):** Revitalising the CRCs involves a two-pronged strategy; the first is to concentrate on improving the physical state of the centres which involves refurbishing the space and provisioning it with TLM. Secondly work in coordination with the cluster resource centre coordinator to make the monthly sharing meetings vibrant. This benefits the teachers as they will get access to a space where free expression and exchange of ideas are possible.
- **Handholding support:** It is widely accepted that a onetime training program with no provision of subsequent support does not work. TRL project provides a platform for continuous support to teachers.

- **Development of relevant material:** The teachers are provided support so that they are able to develop in-house TLMs using easily available materials. The teachers are encouraged to bring such material developed by them to the monthly review / capacity building meetings and speak about their utility. Examples of all such material developed by them are on display in the resource centre.
- **Consolidation of information to demonstrate feasibility and success of “cluster approach”:** A major part of the project is the collection of empirical information on the impact of capacity building exercises on the teachers and students.
- **Development of scientific attitude in girls through mentoring program:** Hands on experiential learning sessions are being organized at Resource Lab for girls selected for mentoring program.



Teachers participating in Science Training



Teachers participating in Science & Math's Training at Teachers' Resource Lab.



Students Exposure visit to CSIR-Central Drug Research Institute, Lucknow





Students' interaction with the Scientist Dr. Saman Habib at CSIR-Central Drug Research Institute



Mentoring of Students': Students are engaged in an activity at Teachers' Resource Lab.



Students are engaged in developing a model