

Title of the Programme:

Science Experiential Learning workshop for school students to develop scientific temperament in Raipur Block of district Dehradun.

Objectives of the programme:

- To develop scientific temperament amongst school students through Experiential learning workshops.
- To make students logical in their approach towards life.
- To create a learning community of teachers to carry on learning by doing activities at cluster and block level.

Modalities of Implementation:

- Face-to-face interaction, involving hands-on-activities to facilitate learning by the students themselves.
- In learning-by-doing workshop, 90 students of 8 schools made working models to learn the basic principles of science and develop problem solving skill, creative and critical thinking.
- 90 students and 09 teachers of 8 schools participated in the workshop.
- During the workshop the Experiments were focused on key concepts application, exploratory, enquiry and discovery based learning.
- Forming a learning community of teachers at the block level to provide guidance and support to students and teachers. This would further strengthen the teaching learning process of science at the block/ cluster level.

Expected Outcomes of the program:

- Construction of knowledge will result in better understanding of science. Students will become logical in their approach towards life.
- Students would be able to take decisions in daily lives logically and have an understanding of science.
- Development of scientific temperament amongst school students/creating interest in science.