

ABSTRACT ON MATHEMATICS LAB EXPERIMENT

S.C.S. Sastry
Maths Lab Designer
Vijayawada-520011, Krishna District, Andhra Pradesh

Lab is a place where students can learn and explore Mathematical concepts and verify Mathematical facts and theorems through a variety of activities using different materials. These activities may be carried out by the teacher or the students to explore, to learn, to stimulate interest and develop favorable attitude towards Mathematics.

The lab material contributes to the learning of the material.

- The models provide an opportunity to students to understand and internalize the basic Mathematical concepts through concrete objects and situations.
- These models enable the students to verify or discover several geometrical properties and facts.
- It provides opportunity to exhibit the relationship of Mathematical concepts with everyday life.
- These models help to build interest and confidence in learning the subject.
- It provides greater scope for individual participation in the process of learning and becoming autonomous learners.
- There is a scope for greater involvement of both the mind and the hand which facilitates coordination.
- By using this, the students will think and discuss with each other.