

NEED FOR INTERACTIVE MATHS LAB

- An Interactive maths lab helps students understand theoretical concepts through various activities.
- Disparate sections of maths, like algebra and geometry, are integrated. Students learn to make **geometrical models** from algebraic expressions and then apply them to their daily lives.
- In solid geometry, concepts for conic sections or volumes of cuboids, cones and cylinders are built by using **solid models**.
- The concepts of quadrants in simultaneous equations are cleared by using **geo boards** — a simple contraption of a wooden board fitted with pins where the X, Y and Z axes are demarcated using rubber bands.
- Concepts of units, in terms of area and volume measurements, are explained by using two-dimensional **paper cuttings and 3-D models**.
- There are many other creativity-based exercises for teaching students such as **puzzles**, sudoku etc.
- The Ministry of HRD, Government of India is keen to implement maths lab through CBSE and NGO's like EduHeal Foundation.