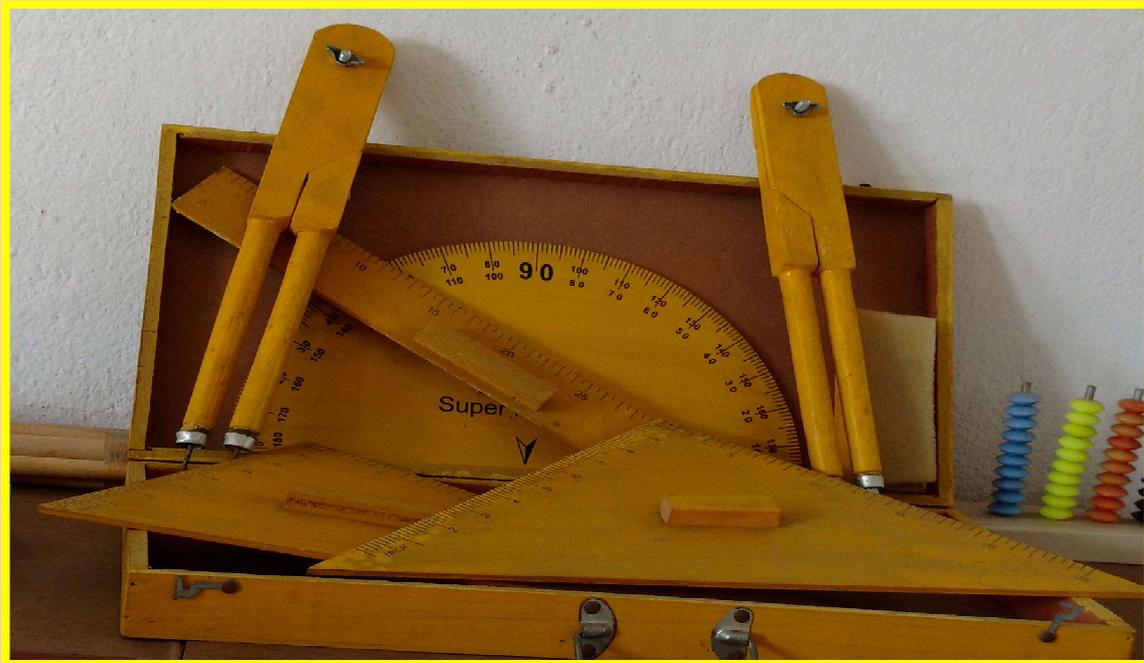


MATHEMATICS LAB PROFILE



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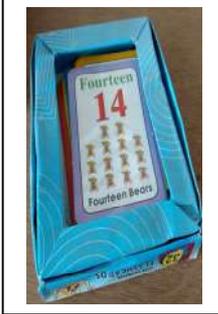
The University of Burdwan

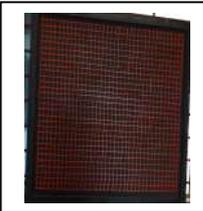
Ajodhya, Kanksa, Burdwan-713148

CONTENTS

Sl. No.	Subject	Page No.
1.	List Of Equipments With Description & Figure	3-5
2.	Importance Of Math Lab	6
4.	Future Plan	7

List of Equipments with Description & Figure

Name of Equipments	Quantity	Description or Purpose
<p>GEOMETRIC SHAPES (PLASTIC 3D)</p> 	1set	Geometric shapes geometric shapes shapes includes pyramids, cone, cube, cylinder, sphere,
<p>COLOURFUL FLASHCARDS</p> 	1Set	To Demonstrate number concepts visually ,let students explore in math lab or in classroom
<p>SPIKE ABACUS</p> 	1	Number of rings with colours on the spike abacus helps the students to understand the number and its place value.

<p>FRACTION DISC</p> 	<p>1</p>	<p>A Very practical & visual approach to the additional & subtraction of simple fractions. It builds up the concept of common denominators, equivalent fractions without the complications.</p>
<p>WOODEN STICK</p> 	<p>1</p>	<p>Wooden stick is a piece of equipment that can be used to craft fireplace kits, improvised back packs, splints and shartpened sticks.</p>
<p>MATHEMATICS CHART</p> 	<p>1</p>	<p>The charts aim at familiarizing students with the subject a very realistic way and in social context as per the guide line of NCTE.</p>
<p>BLACK BOARD</p> 	<p>1</p>	<p>A black board (also known as chalk board) is a reusable writing surface on which text or drawings are made with sticks of calcium sulphate or calcium carbonate known as chalk.</p>
<p>CALCULATOR</p> 	<p>1</p>	<p>A modern scientific calculator with dot matrix LCD .An electronic calculator is a small portable electronic device used to perform both basic operations of arithmetic and complex mathematical operations.</p>
<p>GRAPH BOARD</p> 	<p>1</p>	<p>A few ideas for using the graph board.</p> <ol style="list-style-type: none"> i. Chart your child's growth. ii. Diagram a room of the whole building. iii. Draw a map from description. iv. Show the relationship between addition and multiplication.
<p>MARBLE BOX</p> 	<p>4Set</p>	<p>To get idea of multiplication.</p>

<p>GEOMETRIC SOLIDS SET</p> 	<p>1 Set</p>	<p>2D and 3D Geometric solids 2D and 3D Geometric Solids. Geometric concepts with these colourful, hands on shapes, Each shape is made of durable plastic with a colourful, plastic, fit perfectly inside the matching shape boxes.</p>
<p>INTERLOCKING CUBES</p> 	<p>1Set</p>	<p>Interlocking cubes 1cm interlocking cubes perfect for counting ,measuring and Patterning.</p>
<p>GEOMETRY BOX</p> 	<p>1Set</p>	<p>Geometry box a teacher geometry set gives teacher the ability to draw angles, circles of various sizes and also to measure the length of lines and size of rectangles and squares on black board or white board. Without much variation, the set contain a D-shaped protractor, adjustable compass, divider, ruler, 45 degree triangle and 60 degree triangle and duster. All items are made from wood. Duly packed in wooden case.</p>

Importance of Mathematics Lab

Teaching of mathematics should deal with the process and not just confine to transferring the knowledge from the mind of the teachers to notebooks of students through the tip of a pen and for such a phenomenal change in teaching of mathematics, a right ambience is required and it is definitely the Mathematics Laboratory. It is because, Mathematics Laboratory can act like a concomitant between teacher and students and provides an opportunity to understand and discover the beauty, importance and relevance of mathematics as a discipline. It can be expected to enhance the pupil's understanding of the subject as taught at the school and also provide a glimpse of what is beyond.

A Mathematics Laboratory is a place where some of the Mathematical activities are carried out and is akin to any other science laboratory, even in a Mathematics Laboratory, students should get hands-on experience and scope for new innovation. Further mathematics laboratory should be a learning environment where many young minds decide that mathematics is more than practicing "sums" that the teacher assigns.

So mathematics laboratory set up in any school should be a formal environment where mathematical concept are made fully explicit and environment should be such that the user can create an explore mathematics and learn on his own and make his or her own assessment.

Future Plan

- ❖ To uplift the conditions of math lab with reference to the modern trends and research on Teacher Education.
- ❖ To introduce modern techniques for the new innovations of the science subject so that the interest and attitude of the student-teachers be positive towards the subject.
- ❖ To meet up the inquisitiveness and interest of the student-teachers towards the subject.