

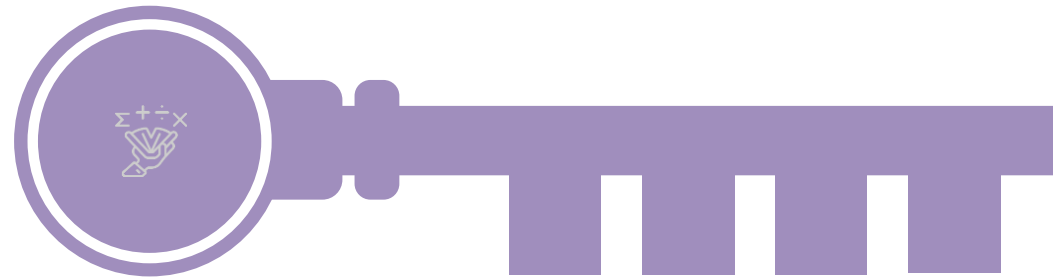
USHERING IN A PARADIGM SHIFT IN LEARNING MATHEMATICS



MATHWINNER :
A REVOLUTIONAY HANDS-ON LEARNING
SYSTEM TO MASTER MATHEMATICS
THE EASIEST WAY



Maths holds the key to excel in studies



A child's knowledge of Mathematics in early years predicts later academic achievement



Maths provides foundational knowledge for other subjects, be it Sciences or Arts, and the Mathematical concepts and procedures

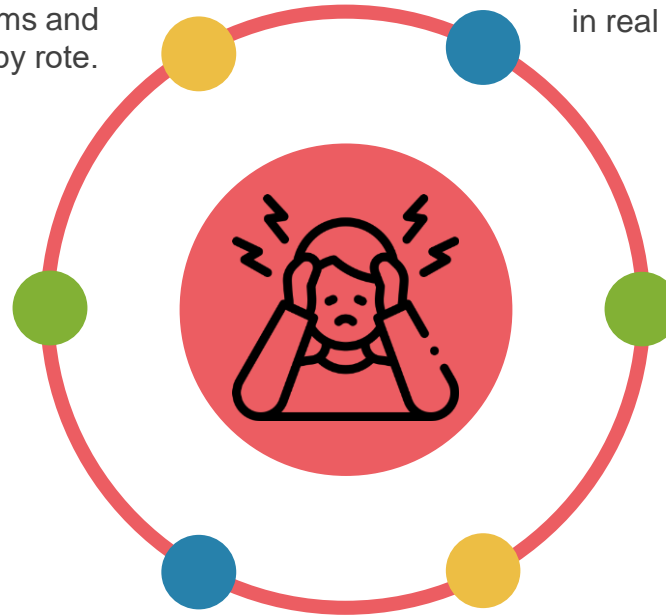


Maths is essential to solve problems in science, engineering, and economics.

What ails Maths learning

The focus of Math teaching is on definitions, memorization, recall, calculation. Indian educators focus on the teaching of established principles, theorems and formulae, enabling problems to be solved by rote.

There is no effort in providing the 'right context' to the problems and explaining its relevance in real life.



Most of the times it is handled by non-Mathematics teachers, especially in Primary Classes

Students' perception of it as very difficult, incomprehensible, no link to life, formulae, memorization, 'dry' and boring is not dispelled

Hands on learning shows the way



Combining the real world with Maths curriculum could be termed “hands on” learning.



Using tactile objects which students can touch and feel links up neurological pathways in the brain, resulting in better understanding, retention, and memory.



When students correlate concepts from the curriculum with real-world concepts, their brains are stimulated.



Hands-on learning develops critical thinking and analytical skills which will be beneficial throughout their life.

The Magic of manipulatives in hands-on learning

Manipulatives or Tactile Objects create physical evidence of thinking and reasoning, solve problems, and make sense of mathematical ideas.

Manipulatives are physical teaching tools which engage students not just visually, but also physically.



Students can use manipulatives to demonstrate results and prove their truth in some sense, developing the Mathematical thinking at the deep level required for conceptual understanding.

Manipulatives serve as a bridge between concrete and abstract levels of complicated mathematical topics.

Using Manipulatives is more enjoyable than doing mathematics that was solely abstract and symbolic.

MATHWINNER: A Game-changing edu-aid



MathWinner is part of **Learn Smart**, an educational delivery platform that develops innovative methods and materials for delivering impactful education through an activity-based approach

MathWinner is a result of nearly two decades of teaching experience and several years of R&D done by **Mr. Suresh Velkur**, Founder & CEO of **Learn Smart**.

MathWinner has designed and curated 85 types of manipulatives such as beads, Geo-board, Cuisenaire rods, balances, etc, to make students do 400+ activities helping students master Math concepts effortlessly.

MathWinner learning system is mapped to **CBSE, ICSE, IB, and State** syllabi.



MathWinner has structured the learning with Manipulatives class-wise, from UKG to Class X

The effective usage of Manipulatives to understand all the concepts in various Chapters from UKG to Class X by way of self-explanatory Video modules form the crux of **MathWinner**.

A set of 2 Activity Books designed for each Class reinforce students' understanding and help teachers to evaluate their understanding.



Mr. Suresh Velkur
Founder & CEO of Learn Smart



www.mathwinner.in



Profound pedagogy the painless way

MathWinner helps students to learn complex concepts through developmentally appropriate hands-on experience.



MathWinner has two ways of rolling out the learning system



Math Labs for Schools: Make students Math Masters the easy way

MathWinner has researched and perfected the ways of using manipulation which are delivered to teachers by way of online training videos made available 24/7

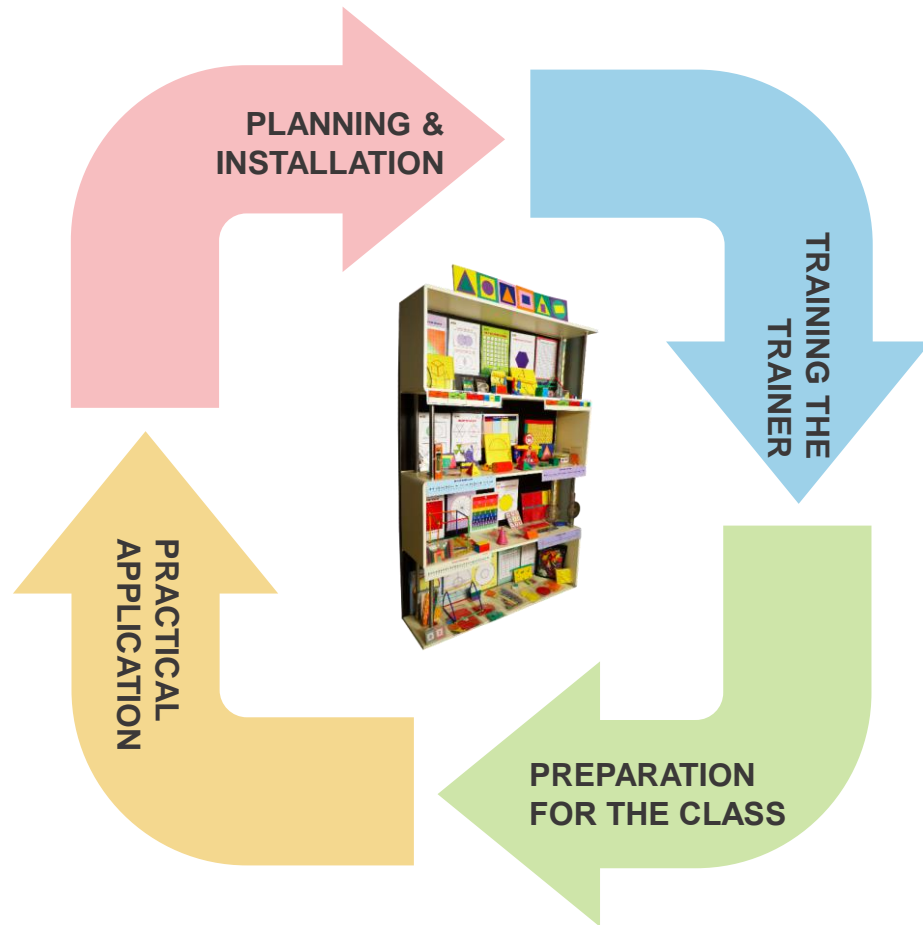


Student Personal Learning Kits (from UKG to Class X) : Magical way to master Mathematics class-wise

Become a Maths Wizard at your own time, pace and place, be it at home or on the go!



Math Labs - great advantage to schools



▶ **PLANNING & INSTALLATION**

1. Setting up Math Lab @School

▶ **TRAINING THE TRAINER**

1. Teachers exposed to Online Training Videos available 24X7

▶ **PREPARATION FOR THE CLASS**

1. Choose your Chapter as per the Syllabus
2. Pick up the relevant object from the Math Lab as shown in the Video, to explain the Concept underlying the selected Chapter
3. Distribute the relevant Objects among the students in the Class
4. Students follow the hands-on methodology using the Object, as demonstrated by the Teacher

▶ **PRACTICAL APPLICATION**

1. Do the relevant Exercises in the Activity Book, for the Concept learnt, which reinforces student understanding and helps the Teacher to assess it
2. Carry on with solving the problems or do the exercises as given in the Textbook being followed by the School

01

02

03

04

On purchasing of any
MathWinner Student Self-
Learning Kit (UKG to Class X) -
you will get the below

01

1. Student Personal Learning Kit (for the preferred Class)
2. One set of Activity Books (Mapped to the preferred Class)
3. Access to Online Self-learning Video Modules



PERFORM

PRACTICE

PREPARE

PROCURE

02

1. Log in to access the Online Videos
2. Choose your Chapter from the list of Videos
3. Open your Kit and pick up the relevant Object as shown in the Video

03

1. Refer to the Activity Book and understand the Concept by following the methodology as explained at the beginning of each Chapter
2. Do the following Exercises to reinforce your understanding and retention

04

1. Carry on solving the problems in your Text Book Syllabus, with ease and better understanding

Student Personal Kits for enhanced learning

*Let's turn Math Phobia
into Math Mania!*

THANK YOU!



MATH
WINNER

No fear. Be clear.