

MathWinner FAQs

A. UNDESTANDING MATHWINNER

1) **What is MathWinner?**

MathWinner is a revolutionary hands-on learning system developed by LearnSmart, that uses Manipulatives or Tactile Objects to make students understand Mathematical concepts with remarkable ease. Being hand on, the learning will be profound, and the retention would be life-long.

2) **Is MathWinner a company or a product?**

MathWinner is hands on learning product from Learn Smart

3) **How MathWinner will impact students?**

MathWinner will take out the rote-learning method and replace it with concept-based experiential learning. The direct engagement and immersive nature of the learning process opens students' cognitive capabilities, fires their imagination, and improves their analytical capabilities.

4) **What are the academic advantages for students?**

The performance of students will increase dramatically, which will be evident by the ease with which they would be able to solve the problems and score high marks/grades.

5) **How Maths helps students with better problem-solving skills?**

Maths helps us have higher problem-solving skills, think analytically, and have better reasoning skills. Analytical thinking refers to the power to think critically about the world around us. The reasoning is our ability to suppose a few scenarios logically.

6) **How better comprehension of Mathematics helps students with other subjects?**

Mathematics provides an effective way of building mental discipline and encourages logical reasoning and mental rigor. In addition, mathematical

knowledge plays a crucial role in understanding the contents of other school subjects such as science and social studies.

B. IMPLEMENTING MATHWINNER PROGRAM IN SCHOOLS

7) What is MathWinner's Math Lab?

A Math Lab of MathWinner comprises 85 objects that have been carefully designed, procured, and curated for the hands-on learning experience of students. These 85 objects or Manipulatives as they are called scientifically, can be used in 400+ activities/methods which cover almost the entire syllabi of various curriculums.

8) What are all the Classes that can be covered by MathWinner Math Lab?

The MathWinner Math Lab can cover all the Chapters for all Classes from UKG to Class X.

9) Is MathWinner suited for all the syllabi viz. CBSE, ICSE, IB, IGCSE, States, etc.?

Yes. MathWinner Math Lab is suitable for all the syllabi mentioned above. It is mapped to cover all the concepts across the syllabi.

10) What are the psychological benefits of MathWinner on students?

MathWinner will drive away the fear of Mathematics from the minds of children. They will start enjoying Mathematics as a subject and will look forward to Maths classes. The 'high' students get when Maths problems are incomparable and hence, they look forward to Maths classes.

11) Are there comparable products for MathWinner? How does MathWinner differ from them?

There are a few products but nothing comparable to MathWinner, as we believe. MathWinner is a result of several years of observation, ideation and out-of-the-box thinking to come up with a game-changing product to benefit students. MathWinner is not driven by commercial motives.

A somewhat similar but without training modules is costing around INR 30,000 – 40,000 in the market. Again, as stated, it does not include Training on how to use the objects in the Lab or the Kit, which is the crux of MathWinner. The IP (Intellectual Property) that is part of MathWinner is the real winner. But even on an apples-to-apples comparison in terms of just the physical objects, MathWinner scores hands down in terms of its nominal cost, which is again a result of the research and backward integration done by MathWinner.

12) How can the interested schools procure MathWinner Math Labs?

Schools can get MathWinner Math Labs for FREE. Not only the Labs, but also the Teachers' Training, Monitoring and Replacement of damaged objects* comes FREE to the Schools.

**Once at the beginning of each Academic Year*

13) How does MathWinner offer FREE Math Labs to schools?

MathWinner has launched the FREE Math Labs program for the benefit of Schools and Students and plans to roll out this program until the MathWinner concept is popularized. Once the organization grows MathWinner might charge a nominal sum for running the organization. As it is, it is planned by MathWinner to roll out this program FREE for 600 schools for a period of at least 6 years.

14) How can the schools use the FREE Math Labs? Are there any hidden costs?

Math Labs are provided by MathWinner FREE of cost in a 30:1 ratio, i.e., for every 30 students 01 Math Lab shall be provided FREE of cost. If a School has 900 students (including all or any Classes from UKG to Class X) the school will become eligible to receive 30 Math Labs FREE of cost.

15) Does that mean the MathWinner FREE Math Labs program is ABSOLUTELY FREE?

NO! MathWinner charges a nominal amount for the TWO ACTIVITY BOOKS provided to all the students (from UKG to Class X) by MathWinner. MathWinner expects the schools to procure and provide these Activity Books to all the students.

As explained earlier, the number of FREE Math Labs provided by MathWinner depends on the number of Activity Books sets procured by the schools, since each student must use these Activity Books to fully understand, comprehend and retain the concept.

16) Is there a limit on the number of FREE Math Labs being provided by MathWinner?

No! NO UPPER LIMIT for the Schools to get FREE Math Labs.

17) Does any school need to have a certain minimum number of students for the school to receive the FREE Math Labs?

YES. MathWinner expects any school to have at least 300 students in all or any Classes (from UKG to Class X) to become eligible to receive FREE Math Labs, which will be 10 FREE Math Labs, in a 30:1 ratio, as mentioned earlier.

18) For how many years should a school run this program to avail FREE MathWinner Math Labs?

MathWinner expects the schools to agree to run this program for TWO academic years for the schools to realize the impact of MathWinner. Thereafter, it is entirely at the discretion of the schools whether they wish to continue with the program or not.

19) What if any Math Lab items/objects are damaged?

MathWinner is obliged to replace any damaged item once, at the beginning of every Academic Year, upon submission of photographed proof of the damaged items. MathWinner will not be responsible for lost items or to replace any damaged item during the academic year.

20) Will the School Teachers be trained in how to use the Math Lab objects?

MathWinner has created self-learning videos for all the Chapters across the Classes on how to use the Math Lab objects effectively to easily understand and explain to students the complex concepts. Teachers will be given access to the Video Modules 24 X 7, and they can watch them at their own leisure and pace.

21) How can the Teachers make the Math Labs work for the students?

At the beginning of each Chapter, based on the understanding she / he would have got from watching the training videos, a teacher or designated person needs to collect the relevant object from the Math Lab and distribute it among the students in a Class.

The Teacher then can hold the relevant object in her / his hand and explain how to understand the concept/s underlying that Chapter. As the Teacher practically explains it, the students also shall follow the Teacher and do it the similar way.

22) Is there anything else to do after watching the Teacher and students follow it the same way, using hands-on methodology?

Once the concept is explained, the students need to work on a few exercises given in the Activity Books, provided along with the Math Labs, for every student.

23) What are MathWinner Activity Books?

Activity Books designed by MathWinner explain the methodology and help them in reinforcing their understanding by making them work on a few exercises related to the concept taught by the Teacher.

Each Class (from UKG to Class X) has 2 Activity Books. The Syllabus for each Class is divided Chapter-wise and included in these two Activity Books. There will be an explanation by way of a Project on how to use the Objects or Manipulatives to understand the concept, followed by Exercises to help students internalize the concept.

To put it otherwise, the MathWinner Activity Books help in two ways.

ONE: The Activity Books help students on how the objects can be used easily to understand the Math concepts and,

TWO: The Activity Books also help the students to reinforce their understanding of the concepts by making them work on a few specially compiled exercises. These Activity Books will help Teachers to assess / evaluate whether the student has understood a particular concept.

24) Do the students need to use Math Lab every day whenever they have a Maths Class?

As stated above, the students need to use the Math Lab objects only till the concept is explained to and understood by the students. Once that is done, the students can follow their regular textbooks to work on the problems.

25) How does MathWinner monitor the implementation of the program?

MathWinner expects the school where its program is being implemented to form a WhatsApp Group which will have Team Member/s from MathWinner, Correspondent/Director, Principal, Maths Teachers to be part of this WA Group. Maths Teachers should post videos on a weekly basis on how it is being implemented in a Classroom. MathWinner will monitor and shall advise/guide if there is problem in the way any Teacher is explaining the concept.

C. MATHWINNER STUDENT KITS (FOR INTERESTED STUDENTS)

26) What is a Student Kit?

A MathWinner Student Kit is a personalized learning system for each student. Once they have it / buy it, they can take it home and learn the concepts at their own pace and time. A Student Kit comes with a Box with all the relevant objects for a particular Class, Two Activity Books and ONE year subscription to access online the self-learning Classes which the students can easily understand.

27) How different is a Math Lab from Student Kit?

While a MathWinner Math Lab has all the objects that can effectively deal with all the Chapters for all Classes from UKG to Class X, a Student Kit will have only the required objects for that Class. A Math Lab is meant for the school to teach the students while a Student Kit is owned/used by the student, which like their Textbooks or Notebooks, can be taken home or kept in the classroom.

28) I am a student, and I would like to have my own personalized kit. What do I do?

MathWinner also has personalized Student Kits for all the Classes from UKG to Class X. A student opting to have his/her own kit can procure it by visiting www.mathwinner.in and following the process. Those buying it will get a Class-wise Kit (as chosen by the student), a set of Activity Books (2nos.) and ONE year subscription to self-learning video modules by way of user-based online access.

D. PROMOTING MATHWINNER AS AN ASSOCIATE

29) I am not representing a school, but I would like to promote it among the schools. How do I go about it?

Book Publishers, Distributors of Educational products, Educational Consultants, Working Teachers, Retired Teachers, entrepreneurs, young professionals, etc. are welcome to promote MathWinner among schools and students. MathWinner offers a wonderful opportunity to fulfil your business interests. For more details, please mail to partner@mathwinner.in