



## FAQ - WLANUT PROGRAMS

### What are the core programs of Walnut?

Walnut Brain Food Programs are Foundation ABACUS, ABACUS, Animated ABACUS, Vedic Maths, MathOMagic, NMAC, E-Class and Phonics programs.

### Why one should go for WALNUT?

**Walnut Excellence Education (WEE)** is India's leading technology driven & Successful brand in an educational service Provider organization. Since its incorporation, doing Maths Content Development & Copyrights for its various Programs such as Foundation ABACUS, ABACUS, Vedic Maths, MathOMagic, E-Class ABACUS, NMAC and Phonics.

Walnut specializes in after school / within school activities for complete brain development. As, our content development is in the area of Maths & Numbers, we provide effective education with play-way method & Learn with fun. It is like Brain Food for the child development at the early age. Our Programme Benefits to students are;

- ✓ Concentration, Focus, Attention, Self Confidence & Brain Development
- ✓ Enhance Creativity, Imagination & Visualization skills enhancement
- ✓ Develops Mental Calculation Ability
- ✓ Logical Thinking, Analysis & Reasoning
- ✓ Greater Speed & Accuracy
- ✓ Creates interest towards Arithmetic & Numbers
- ✓ Saves valuable time in competitions & examinations

### How does the Walnut Abacus program helps children?

The Walnut Abacus education is based on counting frame or calculation tool, using for performing arithmetic processes. It is a brain development programme for the children's who are falling into the age group between 4 to 12 years. As, everybody knows about the handedness, related to Equilibriums in brain function, i.e. the left hemisphere of the brain controls the right side of the body, and vice versa. With the systematic use of Handling the ABACUS Tool, Walnut is not only developing the arithmetic skills but also helping the brain development of the child at the early young age.

The Abacus tool used by sliding counters along rods or grooves, used to perform mathematical functions. In addition to calculating the basic functions of addition, subtraction, multiplication and division, the abacus can calculate roots up to the cubic degree.

### Why should we register with WALNUT online?

The opportunity of digital technology, Walnut made the efforts to take the FOUNDATION ABACUS, ABACUS, & Animated ABACUS math education and learning experience to the next level. The technology, ultimately, allows us to truly personalize the education experience in a way that both improves learning outcomes (and) shortens the learning time. The opportunity for us is to create the global platform that will deliver all of our programs and experiences around the world, and to take that learning experience to the next level.

A walnut E-Class platform provides access to numerous resources instantly; complement the e-books, syllabus books and other tools that are available through technology so that the learning process is streamlined and effective.

**Is the Age criteria is mandatory to learn WALNUT Program?**

**Yes age criteria are mandatory to learn Walnut Program. For example;**

**ABACUS PROGRAMME:** 1<sup>st</sup> Standard to 6<sup>th</sup> Standard.

The Abacus also called a counting frame is a calculating tool used for performing arithmetic processes. With the help of Abacus Education, not only the arithmetic, but also the brain of the child will get developed, but also regular academic studies will become much faster & accurate. As, the Concept of Right & Left Brain development through Abacus tool is unique technique of the modern numeral system is effectively useful for the children's who .are falling into the age group between 4 to 12 years, wherein children's are learning the numbers & its basic applications.

Or

**VEDIC MATHS PROGRAMME:** 6<sup>th</sup> Standard onwards.

In the 6<sup>th</sup> standard onward only, children knows all types of numbers, knows to use the appropriate basic applications of maths & numbers effectively. VEDIC MATHS is the perfect time to learn at that age.

For various Walnut Programs, children falling into the age group between 4 to 12 years can take advantage of our program as per given table;

| Foundation Abacus                      | Abacus                                 | Vedic Maths                 | MathOMagic                             | NMAC   | E-Class   | Phonics                       |
|--|--|-----------------------------|--|--|---|-------------------------------|
| 1 <sup>st</sup> & 2 <sup>nd</sup> Std. | 3 <sup>rd</sup> to 6 <sup>th</sup> Std | 6 <sup>th</sup> Std & Above | 1 <sup>st</sup> to 8 <sup>th</sup> Std | 1 <sup>st</sup> to 8 <sup>th</sup> Std (Grand Finale – Math Express) | 1 <sup>st</sup> to 6 <sup>th</sup> Std (Foundation Abacus & Abacus) | Jr. Kg to 1 <sup>st</sup> Std |

**Does the WALNUT PROGRAMME have any levels and/or duration of the completion?**

Yes, the levels and duration of Walnut Programme are as follows'

| Foundation Abacus                      | Abacus                                 | Vedic Maths                 | MathOMagic                             | NMAC   | E-Class   | Phonics                       |
|--|--|-----------------------------|--|--|---|-------------------------------|
| 1 <sup>st</sup> & 2 <sup>nd</sup> Std. | 3 <sup>rd</sup> to 6 <sup>th</sup> Std | 6 <sup>th</sup> Std & Above | 1 <sup>st</sup> to 8 <sup>th</sup> Std | 1 <sup>st</sup> to 8 <sup>th</sup> Std (Grand Finale – Math Express) | 1 <sup>st</sup> to 6 <sup>th</sup> Std (Foundation Abacus & Abacus) | Jr. Kg to 1 <sup>st</sup> Std |
| 1 + 8 LEVELS                           | 8 LEVELS                               | 3 LEVELS                    | Customized                             | 3 Round of Exams   | 1 + 8 LEVELS  | 2 Years = 8 Groups            |

**Each Level is completed in span of three (3) months The classes are of 2 hours when it's offline and online schedule vary as per Live / Recorded / Animated based learnings**

**What is Student Kit?**

Yes, it is mandatory to acquire the student kit. Student Kit per program is different. For FOUNDATION ABACUS & ABACUS we are providing WALNUT ABACUS Study Material, Walnut Pouch with ABACUS Tool [Colourful Beads for Foundation ABACUS & Brown Beads ABACUS] Practice book. The cost of the Student's kit will depend on the course selected.

## **What are the different Competition conducted by WALNUT?**

### **Does walnut conduct Championship competition?**

Yes, Yearly we conduct WALNUT MENTAL MATHS CHAMPIONSHIP is conducted for ABACUS & VEDIC Maths students in 3 to 4 rounds.

National Maths & Arithmetic Competition' [NMAC] is independent Olympiad Examination for School Students from 1<sup>st</sup> Standard to 8<sup>th</sup> Standard and conducted in 3 Rounds of Exam.

The Winner students are felicitated by the Special Awards / Trophies / Medals & Certificates.

### **My child is too small. Which Walnut Course will help him?**

The Abacus also called a counting frame is a calculating tool used for performing arithmetic processes. With the help of Abacus Education, not only the arithmetic, but also the brain of the child will get developed, but also regular academic studies will become much faster & accurate. As, the Concept of Right & Left Brain development through Abacus tool is unique technique of the modern numeral system is effectively useful for the children's who are falling into the age group between 4 to 12 years, wherein children's are learning the numbers & its basic applications.

### **Why we should join the Walnut Brain Development Programme when my child is already learning the maths in School?**

Yes, in school your child has already proven mathematics abilities, will still significantly benefit for learning the Walnut Abacus /Vedic Maths programme. We teach students new techniques and develop the concentration, ability to do Mental Calculations work. Enable them to do their work speedy and more accurately. Increase their self-confidence. Enhance Creativity, Imagination & Visualization skills, creates interest towards Arithmetic & Numbers. Thus we can confirm that WALNUT Programme does an Overall Brain Development of your child.

### **Are any Mobile Applications available to practice Walnut Programs?**

Yes, Android Apps are available to practice. Also, students can login to for sample papers or mock exams.

### **What is the payment mode for Walnut Programs?**

The payments can be done either online or by Google Pay.

### **Can we purchase the Walnut Study Material online?**

Yes, The WALNUT E-books as well as Syllabus Books are available online for purchase purpose

### **How the overall development by the children is ensured?**

Walnut content development is in the area of Maths & Numbers, we provide effective education with play-way method & Learn with fun. It is like Brain Food for the child development at the early age. It benefited to students for overall Brain Development.

The teaching through certified teachers, Walnut ensures that its education programs should maintain the quality.

Walnut provides teachers, a well-structured and detailed plan of action. This facilitates quality education and further enhances the educational experience for all the students involved. The Level-wise and program-wise manual, teaching plan, assignments and activities, Chapter-wise Formative and Summative assessments of students ensures student's day-to day progress. Student assessment, evaluation & reporting systems keep control on student



Growth. Walnut Teachers are taking some extra activity & providing personal training to the weak students to enhance their confidence & to learn maths with fun way.

### **Is it necessary for a child to carry abacus tool physically just like the calculator?**

Yes, Abacus tool is integral part of our Student Kit of Walnut ABACUS Education. It is necessary for a child to carry ABACUS at the initial Level of his education. From Foundation and Level 1 onwards they start learning Visualization Techniques i.e. Mental Maths & Rapid Orals simultaneously. So it's a hand on hand simultaneous process of learning concept on Physical Tool as well as through visualization and as level increases their Visualization part increases and usage of physical tool decreases respectively. (Visualization techniques enables students to answer mathematical problems mentally without using the ABACUS tool).

### **My child is a left hander, will he be able to use abacus?**

Yes. If the child need left hands from left sorted beads & vice a versa, its fine. If he/she is comfortable holding left hand and/or right hand, he/she need to solve the problem, does not matter if he/she doing with left hand and/or right hand for using ABACUS Tool. The systematic Walnut ABACUS education makes him/her perfect to use the ABACUS Tool.

### **Can we learn Abacus and Vedic Maths in the age of 25 and above?**

The Answer is no for ABACUS as it is a tool based brain development education which is applied to the age criteria between 4 to 12 years wherein the child is learning numbers and are introducing the basic applications of maths to learn.

Whereas for Vedic Maths education there is not upper AGE BAR as it refers to a technique of calculation based on a set of 16 Sutras, or aphorisms, as algorithms and their upa-sutras or corollaries derived from these Sutras. Its enthusiasts advance the claim that any mathematical problem can be solved mentally with these sutras. It helps a person to solve mathematical problems 10-15 times faster with intelligent Guessing. As such, Maths is learn & used by Human being throughout its lifespan.

### **Is Schools can hire WALNUT Certified teachers to teach students?**

Yes, we have tie-ups with schools where our trainers go and teach students' Abacus & Vedic Maths as extra activity or as a subject in the school syllabus. **For more information, please send us a query.**

### **Are there any programs for Teacher' training?**

Yes, there are courses for teachers also. Walnut provides for teachers, a well-structured and detailed plan of action. This facilitates quality education and further enhances the educational experience for all the students involved. Walnut knows the preparation that goes into teaching a class and to make this process easier, we have created a revolutionary teacher manual. This is the ideal teaching aid and is complete with everything a teacher needs for effective teaching, throughout the programme.

## **F A Q – WALNUT Vedic Maths PROGRAM**

### **1. What is meant by Vedic Maths? Is it basically a form of mental calculation which is supposed to speed up some arithmetic calculations?**

**Ans:** Vedic Mathematics has been founded by Jagadguru Swami Bharti Krishna Teerthaji Maharaja who was the Shankaracharya of Puri. He in his book 'Vedic Mathematics' claims that the formulae have been derived from the Parisista of the Atharva Veda which is the Branch of Veda dealing with Engineering and Mathematics. And Hence the term "Vedic" for the subject.

Vedic Mathematics equips us with mental one-line formulae which speeds up calculation by more than 10-15 times. It is a much more systematic, coherent and unified system than the conventional mathematical system. It is a mental tool for calculation that encourages the development and use of intuition and innovation, while giving the student a lot of flexibility, fun and satisfaction.

One can learn Vedic Mathematics from an early age and basic knowledge of multiplication table (though not compulsory) helps a student to better grasp the subject. The time which the student spends in calculation is greatly reduced and therefore the load and pressure of the subject comes down significantly. Through this a supposedly difficult calculation like  $998 \times 997$  which normally takes a person anywhere between a minute or two to solve can be solved in less than five seconds' flat.

## **2. Is the Age criteria is mandatory to learn Vedic Maths Program?**

**Ans:** Yes, age criteria are mandatory to learn Vedic Maths.

VEDIC MATHS is applicable from 6<sup>th</sup> Standard onwards.

In the 6<sup>th</sup> standard onward only, children know all types of numbers, knows to use the appropriate basic applications of maths & numbers effectively. VEDIC MATHS is the perfect time to learn at that age.

## **3. What are the advantages of Vedic Maths to conventional methods?**

**Ans:** There are advantages only of Vedic Maths to conventional methods such as:

- It helps a person to solve mathematical problems 10-15 times faster
- It helps in Intelligent Guessing
- It is useful not only for junior classes but Class 9 and Class 10 Maths also.
- It reduces burden (need to learn tables up to 9 only).
- It increases concentration.
- It helps in reducing silly mistakes

## **4. Why do many students suffer from Maths's phobia?**

**Ans:** That's because Maths is so perfect.  $2+2$  has to be 4 and not 5 or 6. That's what scares the students. In other subjects like English, you don't have to be so perfect.

The second reason for it is lack of good teachers. Teachers through constant corporal punishments and memory-based learning scare of the child from a junior class itself. Later on, this very fear becomes a phobia which leads to the student dropping Mathematics in Higher classes. Also, there are lot of mis-understood words in Maths which are not properly defined and thus creates a fear. Words like say Quadratics, Simultaneous, Algebra etc their meanings are not clear and hence leads to Math Phobia.

## **5. Why to learn Vedic Maths as we have calculator?**

**Ans:** Calculator we are unable to carry with us, whereas Our Brain is a muscle. Just like the body needs exercise the brain needs it too. Through Vedic mathematics you use both the parts of your brain- the left and the right hence keeping you mentally agile even in your old age when the brain functions less.

## **6. How does Vedic Maths help to improve concentration?**

**Ans:** When you use Vedic Maths you use both your left and the right brain hemisphere. The left side of the brain is the seat of language and processes in a logical and sequential order. The right side is more visual and processes intuitively, holistically, and randomly which boosts memory and concentration.

Since you are doing calculations mentally without the use of pen or paper you are actually concentrating which develops the concentration abilities.

### **7. How is the knowledge of Vedic Maths beneficial to students of competitive exams**

**Ans:** Students, Competitive exam aspirants, Engineers, Professionals, Teachers, Executives, Parents and even Businessmen can benefit from Vedic Mathematics.

It can simultaneously benefit students studying in class 6 to those preparing for their post graduate studies in the university. And to top it up they can sit together and learn it. This is so because simple sutras (word formulas) of Vedic Maths are unknown to both and since it is simple both of them with a big age difference can grasp it together.

Vedic Maths is helpful to software developers as it helps them to do their coding and programming as it is more scientific than the normal system of mathematics.

### **8. Other than students how Vedic Maths concepts used?**

**Ans:** A shloka in Vedic Maths helps to work out the value of pi by 10 to the 32nd place. It is this kind of accuracy which makes it especially useful in the field of space technology and artificial intelligence. In fact, it is used at NASA, American Space Research Centre, by Dr Rick Briggs, a computer scientist who heads the Vedic Maths cell.

They are being used in the area of Micro processing also. Software companies like IBM, Microsoft have made it compulsory for their specialized staff to learn this system.

### **9. Can Vedic Maths be used to facilitate the students of higher classes to remember complicated Maths formulae?**

**Ans:** Yes. Concepts such as Quadratic Equations, Simultaneous Equations, Trigonometry, Even Calculus has been made simple and easier in Vedic Mathematics.

### **10. How does knowledge in Vedic Math help a student to minimize careless mistakes?**

**Ans:** In Vedic Mathematics, the mental one-line formulas are such that it has an inbuilt system of series of checks. Vedic Mathematics helps to boost the confidence of the student as success leads to success and this brings out the true potential of the student.

### **11. Is any Mobile Applications available to do practice Vedic Maths?**

**Ans:** Yes, Android Apps are available to do practice of Vedic Maths.

### **12. Are students are eligible to participate in Championship competition?**

**Ans:** Yes. Annually, WALNUT CHAMPIONSHIP is conducted for VEDIC Maths education.

### **13. What is the duration of Vedic Maths course?**

**Ans:** Vedic Maths is covered in 3 levels. All 3 levels will take 50 hrs to learn the full Course.