



Career Evolution

**Velammal
Academy**

Enriching Minds. Shaping Careers.

INDEX

1. To Think is to Lead	: 1
2. Education Scenario & Time Calculator	: 2
3. Velammal Academy: A Clean Way Ahead!	: 2
4. Integrated Classroom Program	: 3
5. Course Flow	: 4
6. Program Specialities	: 4
7. Self Evaluation	: 5
8. My Reflections	: 6
9. How to Register for the Screening Test	: 7
10. Exam Schedule and Pattern	: 7
11. An Introduction to OMR Sheets	: 10
12. Sample OMR Answer Sheet	: 11

**Address**

: Velammal New Gen Park, Velammal Nagar
Ambattur – Red hills Road, Surapet
Chennai - 66

Phone

: 044-26590808 / 1840

Email

: info@velammalvidhyashram.in

1. To Think is to Lead:

Dreams, Aspiration & Desire are there in everyone. The right opportunity, the apt environment and the right guidance by the right people at the right time make the difference between those who accomplish and those who don't.

Logic shows us that it is easy to uproot a sapling and nurture its growth rather than a deep rooted tree. Research says that a child at tender age of 11 or 12 can be quite easily shaped and moulded.

The reasons are:

1. the mind is inquisitive
2. it has a sharper grasping power &
3. is receptive to learning.

Today, the students are well informed and awareness of the opportunities around the world is very high. They are determined to achieve their goals, fulfill their desires.

With increasing competition & changing examination patterns at various levels, what the students need is

1. the perfect learning ambience
2. the right guidance &
3. training.

We, at Velammal Academy ensure that the students get an early start to win over competition. To achieve this, we prepare, guide and train students with our well-structured and scientifically designed programs. This makes all the difference.

Come, enroll in our success programs. Fix wings and soar high



2. Educational Scenario & Time Calculator:

Schools teach students the board prescribed curriculum, while the coaching institutions train students for competitive examinations. These coaching classes are held outside the school hours, either in the morning or in the evening for four or five days in a week. Unfortunately, students are busy running from one class to another with hardly anytime to practice & apply what they have learnt.

Total time available in a day	24 Hours
Time for sleep (Medically advised)	7 hours
Time spent for fitness	30 Min.
Time for relaxation	30 Min.
Daily Routine e.g., meals, bath etc	2 hours
Time left per day for academic purposes	14 Hours
Time spent in school	8 hours
Time spent at coaching institutions	3 hours
Travel time to school and coaching institution	2 hours
Time left for self-study and school assignments	1 hour
Time required for preparing towards competitive examinations	Not Available

Consequently, many students are confused, get burnt out due to the stress & end up doing neither well in the board exams nor in the competitive exams.

To add to these difficulties, all the competitive examination organizing bodies have restricted the number of attempts with increase in competition and thereby only very talented students could succeed in these examinations.

3. Velammal Academy: A Clean Way Ahead

Our solution “**Velammal Academy**” is a step forward in laying a strong foundation from the beginning stage and to make students understand the very basics of Science and Mathematics rather than memorizing.

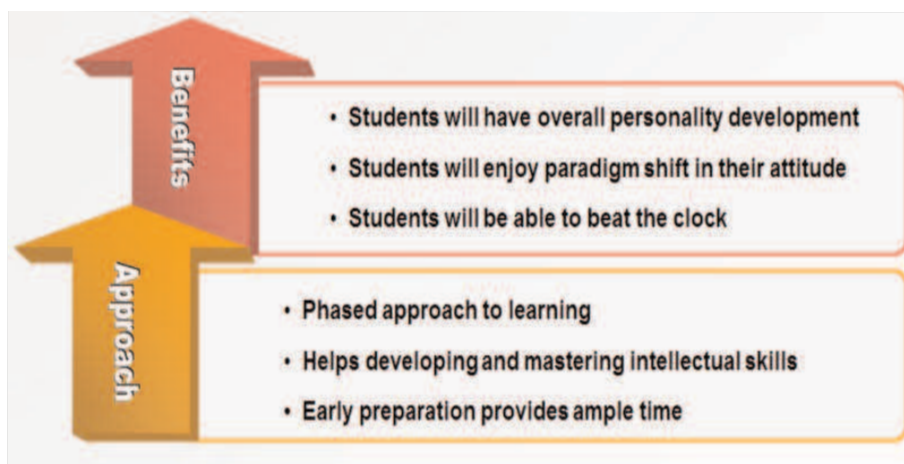
The genesis of the academy is to cater the preparation time required for competitive examinations by providing an

“**integrated approach to teaching**”.

4. Integrated Classroom Program:

Spread over a span of seven years, our program is designed to

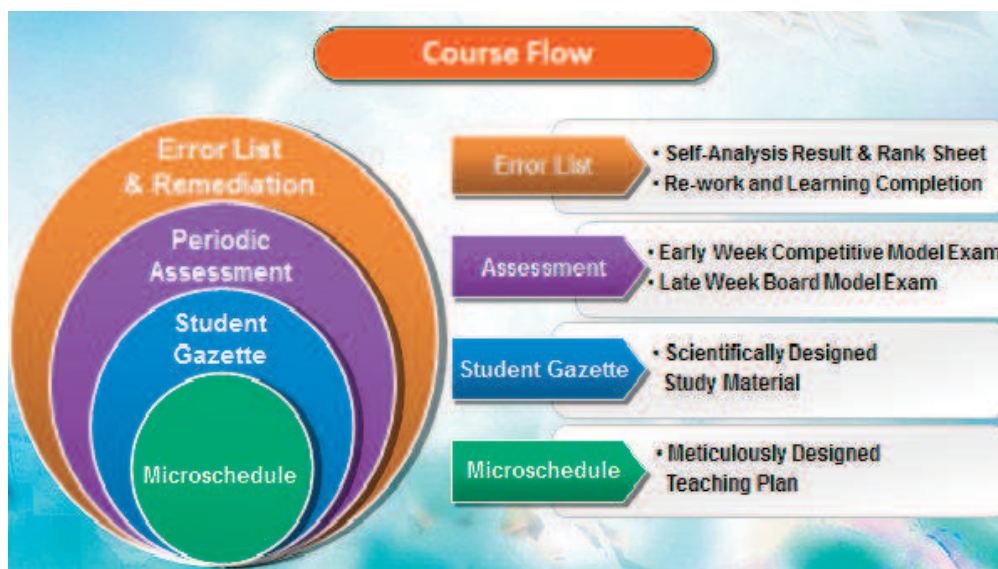
- help the students build a strong foundation for their basics in Mathematics, Physics, Chemistry, and Biology
- allow the students to have an integrated study plan and optimize time utilization
- complement both board preparation and Competitive exam preparation like Science NTSE, NSTSE, SSTSE, KVPY, Olympiads, IEO, JEE-Mains, JEE-Advance, NEET etc.
- give students more time for understanding and consolidation all the concepts learnt through a meticulous academic plan and to adapt to the difficulty level of the competitive examinations with greater confidence



It also helps students to secure and develop analytical skills, problem solving ability and better understanding of core concepts required for competitive examinations thereby ensuring result-oriented one of the kind approaches that make students' future-ready.

5. Course Flow:

Our program is meticulously planned and structured to ensure that the students can balance and optimize their school work as well as their competitive exam preparations. The curriculum has been designed to logically synchronize with the school syllabus.



6. Program Specialities:

World - Class Infrastructure

Spread over a sprawling campus of 12 acres, Velammal has state of art & vast infrastructure. Velammal schools are nerve centers of learning, where the pursuit of excellence in education revolves around.

Library

Library provide an open access to a large collection of books acquired over the years. The library provides perfect ambience for peaceful reading and we encourage the students to use them to the maximum.

Computer Lab

Velammal has state of art computer labs where tech centric curriculum surpasses the board stipulations. Besides this, broadband internet connectivity, campus network and ideal students-machine ratio ensure our students to have an interesting, interactive and experiential mode of learning in an enabling ambience.

A testimony for being awarded as the No.1 school in Tamil Nadu by the Ministry of HRD, Govt. of India in the year 2005 for having the most effective technology integration in school campus.

Science & Math Labs

Our School has Physics, Chemistry, Biology and Math labs with all the latest models and equipments to facilitate students learning. The learning becomes experiential, easy and life long when the students use these lab equipments with the teachers guidance. The school encourages collaborative group discovery learning method to learn scientific concepts.

Music Room

We have a music room with all the latest musical instruments and well trained music teachers to motivate the students in the Music arena & to train them in their musical endeavours. Our School trains students in guitar, piano, keyboard and drums to appear for the examinations conducted by the Trinity College of Music, London.

Play Park

We have a play park in the school ground for the students which includes basket ball court, tennis court, handball court, skating field, Kho-Kho ring, volley ball court, cricket ground, indoor stadium etc. All the sports and games are instructed, supervised and trained by highly qualified team of coaches and a professional Sports Director. These facilities help students to learn while playing and play while learning.

After School Activities

Our ASAs are intended to provide a wide range of opportunities to the students to develop and nurture their creative abilities & new found interests. These activities are designed, developed and monitored by professional trainers and coaches. Most of them are paid classes/ course and the fee is payable on a yearly basis.

Newspaper in Education

NIE is another great tool which is provided to all the students from class I to X at their classroom doorsteps on all working days. This gives them an opportunity to read the news and acquire holistic knowledge as the newspaper is specially customised to meet the student needs. The more the student reads, the faster they understand the ever - changing world.

Learning & Technology: Funtoot

We use **Funtoot**, an intelligent and adaptive personal tutor, that teaches children in a fun and interactive manner. It observes, assesses, diagnoses, interacts, encourages and tutors each student based on each student's individual characteristics.

7. Self Evaluation





8. My Reflections

I, S. Pavithiraa of IX, is a student of ACE-IIT foundation course. Here we were given supplements apart from our school books. In it we had topics at depth & various types of questions (MCQs). This showed us the various perspective how a questioner thinks. Weekly tests that were conducted & given ranks encouraged us to improve & aim high. Later we were able to attend many competitive exams. The coaching & training given was sufficient for qualifying round. Students should put extra efforts to qualify in final round. Overall, students who are interested will come out of this course with flying colours.

S. Pavithiraa



I am C. Priyadharsini of IX-standard, studying in IIT-ACE Foundation. At the beginning of the year, we received extra materials in Physics, Chemistry and Mathematics. It was so useful to us in writing the Competitive examinations and Olympiads. We learnt extra concepts and deeper topics in the concepts we read earlier in our CBSE texts. This helped us to write our exams with better understanding than before. I started practising more in my weaker subjects as I gained more interest. The way the concepts are taught is also very impressive and stimulates students to listen and learn well in classes.

I like this foundation so much, and I would like to continue learning many more interesting matters in the following academic years too.





Hello! I'm Rohith, student of ACE-117 Academy, Velammal Vengalpet. First, when this program was introduced in our campus, it was very exciting. Soon there was an entrance test conducted and by God's grace, I had my name on the list! But then, I was between rock and hard place. I was in a muddle, whether the choice of mine of joining this academy was beneficial for my life or not. But as Aristotle said, "The root of education is bitter, but the fruit is sweet," this choice of mine was way too helpful for me. I don't regret it. Close relatives & friends said it would be stressful. Some described it 'pressure cooker', but I don't feel so. This program has helped me realise my real potential. Competitions, Olympiads all have given me a good experience. The teaching here is fantastic. Not even in the competitions, it has also helped me in my SA's and FA's. Additional formulas have been useful. This program has given me much more than what I expected. At first, I found it a little bit difficult but later on, it went on too smooth. To be frank, I'm really enjoying this sweet fruit of education here!!

Views and Values

I am S.V. Rohith of IX Standard of Velammal Academy. Actually while joining this course, I thought it would make me to develop my skills and to gain more knowledge. This is a one-of-the-kind program which taught me how to apply this knowledge in my real life. The members of staff have a good interaction not only on the basis of education but also guide students for holistic development. The materials of the course are excellent and exclusive. So, we are made aware of the concepts. Many interesting, interactive and thought provoking classes have been happening. This course has sharpened my logical thinking capacity. The extra coaching given here is useful for all the students. The members of staff are experts in their fields so the sequence of accumulating knowledge has vividly increased. Classifying and correlating appears not to be easy but when it come to our CCE, this training has set a platform to, self analyse, programme and execute our learning. Absolutely and thoroughly I enjoy doing my studies with our institution, nourished by our talented members of staff.

S.V. Rohith

IX-B



9. How to Register for the Screening Test:

1. Students can obtain the Registration Form from their respective class teacher or Viswanathan Anand block Principal office.
2. Fill the Registration Form carefully and deposit it in person to their class teacher.
3. A Hall Ticket will be issued by the class teacher.

10. Exam Schedule and Pattern:

Exam Date : 7th March 2013

Exam Pattern : Objective Paper (IQ, Science and Mathematics) with 100 MCQ's

Exam Duration : 120 Minutes (2 Hours)

Last date for Registration : Last date to register is 5th March 2013

Syllabus:

Screening Test Syllabus for Class 6th (based on 5th CBSE)

Mathematics

TOPIC	SUB TOPICS
NUMBER SYSTEM	KNOWING NUMBERS
	LCM AND HCG
	FRACTIONS
ALGEBRA	INTRODUCTION
	SIMPLE EQUATIONS
COMMERCIAL MATHS	AVERAGES
GEOMETRY	BASIC CONCEPTS
MENSURATION	PLANE FIGURES
	CUBE, CUBOID

Science

TOPIC	SUB TOPICS
HOW OUR BODY WORKS	i. ORGAN SYSTEMS
OUR NEEDS	i. NEEDS AND WANTS
	ii. INTERDEPENDENCE BETWEEN LIVING BEINGS
	iii. OUR FOOD AND US
	iv. DRESSES WE WEAR
HEALTH CARE	i. DEFICIENCY DISEASES
	ii. COMMUNICABLE DISEASES
	iii. FIRST AID AND EMERGENCY
	iv. HEALTHCARE AGENCIES
OUR SHELTER	i. THE EARTH AND THE GLOBE
TRANSPORT AND COMMUNICATION	i. EFFECTS OF ADVANCEMENT IN TRANSPORT AND COMMUNICATION
	ii. BASIC SAFETY RULES
TOTAL NO. OF QUESTIONS	

Screening Test Sample Questions (Based on 5th CBSE):

MATHEMATICS

- The greatest number that can be made with digits 5,4,0,9 is
a) 0459 b) 0954 c) 9504 d) 9540
- LXXIV= _____
a) 59 b) 74 c) 60 d) 94
- Ananya made a profit of Rs. 281 on a necklace she sold for Rs. 5,389. what had the necklace cost her?
a) 5018 b) 5108 c) 5389 d) 5670
- The number of digits in four lakh nine thousand and sixty is -----.
a) 6 b) 5 c) 4 d) 3
- $\frac{1}{6} + \frac{3}{4} =$
a) $\frac{12}{11}$ b) $\frac{10}{11}$ c) $\frac{5}{12}$ d) $\frac{11}{12}$
- $2.5 \times 9 + 17 \times 1.17$ is equals to
a) 2214 b) 808 c) 2286 d) 1989
- length of wire is required for fencing a square field in which each side is 50m in length
a) 100m b) 50m c) 200m d) 400m
- If you add 10 Kg to my weight, I will weigh a quintal. My weight is ____Kg. (Hint: 1 quintal = 100 Kg)
a) 90 b) 50 c) 10 d) 100

KEY

01.d 02.b 03.b 04.a 05.d 06.a 07.c 08.a

SCIENCE

- It is about 20 feet in length. Most of the food is digested here
a) Liver b) anus c) small intestine d) stomach
- _____ filters the blood
a) Kidneys b) heart c) brain d) stomach
- Which of the following is not a need?
a) Air b) water c) House d) pizza
- We breathe _____ and give _____
a) Oxygen, hydrozen b) oxygen, carbon dioxide
c) Carbon dioxide, oxygen d) Hydrozen, oxygen
- Patola sarees are available in
a) Tamilnadu b) Andhra Pradesh c) Gujarat d) Varanasi.
- If there is an electric fire, what will you use to put off the fire
a) Water b) stones c) Oil d) sand
- The upper half the earth is called
a) Southern hemisphere b) northern hemisphere
c) Eastern Hemisphere d) western hemisphere

KEY

1. c 2. a 3.d 4.b 5.c 6.d 7.b

11. An Introduction to OMR Sheets:

For many of you, this might be a first interface with OMR sheet. An OMR (Optimal Mark Recognition) sheet is a computer readable sheet and compiles the information automatically on scan.


We are providing you the information here on how to fill an OMR Sheet and we suggest students to go through the sample questions provided on the back side of this page and practice them in the OMR grid before coming to the exam.

At the time of examination, you will be provided with a Question paper and an answer OMR sheet. First fill the necessary information on the OMR sheet like your Name, Class, Section, Wing, Test ID No., Roll No., etc. Please note that if this information is not provided or contains error, the computer will not be able to recognize your answer sheet.

The instructions for filling it up will be as follows:

1. Use black or blue ball pen for marking the box. For filling the circle, use a black or blue ball pen or an HB pencil.
2. Write your Name, Test ID and Entrance Test Roll Number in the appropriate boxes provided in the OMR Answer Sheet. Take care that the characters do not touch the boundary of the boxes.
3. No answer should be written on the Question Booklet.
4. Blank pages in the Booklet may be used for rough work.
5. The use of calculator and mobile is not allowed inside the Examination Hall.
6. The Question Booklet and the OMR Sheet must be handed over to the Invigilator before leaving the Examination Hall. No page should be torn off the Booklet.
7. Violation of any of these instructions or use of unfair means will entail cancellation of the whole Admission Test of the candidate.
8. There will be no rechecking / re-evaluation of the OMR Sheets. No request in this regard shall be entertained.
9. Do not write anything on the Question Booklet and OMR Sheet except marking the answer in the corresponding Circle. Any writing or identification mark on the Question Booklet and OMR Sheet will disqualify the candidate.
10. Please use only HB Pencil to mark your answers. Please bring 3 to 4 pencils and avoid marking the wrong answers, if necessary erase the bubble with good erasers and erase completely.

12. Sample OMR Answer Sheet:



VELAMMAL
EDUCATIONAL TRUST

Velammal Group of Schools, Tamilnadu

7 Digit Code number:

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
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9	9	9	9	9	9

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4	1	2	3	4	30	1	2	3	4
5	1	2	3	4	31	1	2	3	4
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7	1	2	3	4	33	1	2	3	4
8	1	2	3	4	34	1	2	3	4
9	1	2	3	4	35	1	2	3	4
10	1	2	3	4	36	1	2	3	4
11	1	2	3	4	37	1	2	3	4
12	1	2	3	4	38	1	2	3	4
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199	1	2	3	4
200	1	2	3	4

Enrolment No.

Test No.

Date

Name

Signature of the Candidate

Signature of the Invigilator with name

Test-Centre

Instructions:

- Use Blue / Black ball points pen only for writing particulars.
- Darken the Circle in the space provided only.
- Use of White fluid or any other material which damages the answer sheet, is not allowed.
- Do not staple, tear or scribble on the answer sheet.

Correct Method

A
B
C
D

Wrong Method

E
F
G
H



Smt. Velammal

*Her wisdom sparked a fire that kindles even today.
Her motivating words echo not just in the corridors
of the institution, but in the thoughts and deeds of
every "Velammalian".*