



Director Dr. K. Krishna Kishore, M.S.(Ortho) {A.P. Medical Council No.50154} has given up his Orthopedics practice and has been working in the Academic Field for the Upliftment of school children for the past 7 years in Ratnam group of schools.



where education grows

THE *i* SCHOOL  
**RATNAM**  
**TECHNO**   
**SCHOOL**  
*i* for intelligence. *i* for iit

**CLASSES VI - IX**

Office : Plot No. 77, 2nd Floor, Opp. Nijampet Road, Sai Nagar, Kphb, Hyderabad.  
Ph.: 9299993039, 9291375701, 040 - 65694199.



Dear parent and pupil,

Nowhere else you will find such an elaborate brochure given individually for each class.

That is the confidence we have on our Powerful Academic system.



# AIM and OBJECTIVES

## AIM

The first aim of Ratnam Techno VI class is to enhance the thinking skills in the students and to make them strong in fundamentals in their subjects.

The next aim is to enhance their English language skills.

On the whole, our Aim is to foster Analytical Skills.

## OBJECTIVES

- To master the Fundamentals in MPC to Target IIT-JE.
- To achieve Conceptual understanding.
- To make learning mathematics more easier.
- Improving handwriting and answer sheet presentation.
- Improving functional and applicative English Grammar.
- To make the child more interactive and expressive through seminars and group discussions.
- Crash courses to master the languages.
- To acquire Practical and Experimental knowledge in Sciences.
- To make the child a well disciplined citizen.

## Why class VII in Ratnam Techno?

- because research on Middle School Academy is its unique feature.
- because it gives complete individual care.
- because it focuses on developing intellectuals.
- because it is the only school where the students learn to think and believe in ways that encourage intellectual growth, nurture faith and inspire action.
- because it has Mental Ability classes in the curriculum where the students' imagination and thinking can be stretched to a great height.



# CURRICULUM of Class VII Techno

Integrated ICSE, CBSE and STATE BOARD syllabus is followed.

## Class - VII

- **MATHS** – **Maths in School (our own topic- wise text books)**
    - 1) Real numbers
    - 2) Algebraic Exponents
    - 3) Exponents and Powers
    - 4) Special products & Expansions.
    - 5) Formulae and their uses.
    - 6) Simple Equations
    - 7) Triangles
    - 8) Quadrilaterals
    - 9) Mensuration
    - 10) Statistics
  - **PHYSICS** – **CONCEPTUAL and NUMERICAL**
    - 1) Measurement of Mass, Weight and Density
    - 2) Motion and its kinds
    - 3) Sound
    - 4) Heat
    - 5) Light
    - 6) Electricity
    - 7) NUMERICAL PHYSICS
  - **CHEMISTRY** – **CONCEPTUAL and NUMERICAL**
    - 1) Basic Chemistry
    - 2) Elements and Compounds
    - 3) Air and its constituents
    - 4) Chemistry in your daily life
    - 5) Acids and Basis and Salts
    - 6) Water
  - **BIOLOGY** – **Class VII ICSE**
- 
- **SOCIAL** – Class VII State board
  - **TELUGU** – Class VII State board
  - **HINDI** – Class VII State board
  - **ENGLISH** – [Refer to the elaborate programme mentioned in later pages]



# TARGET IIT – JEE MATERIALS

## PHYSICS AND CHEMISTRY

- We have introduced world class topic wise materials that would help the children in mastering the required skills to face the competitive exams.
- These materials also help the children to acquire strong fundamentals in the topic.

### LESSON WISE TARGET IIT – JEE MATERIALS

- For every lesson in Physics & Chemistry, IIT – JEE targeting material is given.
- We can proudly say that such materials aren't found anywhere.

### Contents of Each Lesson Material

#### 1) SUMMARY For IIT – JEE

- Questions to review the summary

#### 2) IIT – JEE MODEL QUESTIONS

##### **Competitive model questions based on IIT – JEE, AIEEE and EAMCET**

- Multiple answer, Multiple choice questions
- Statement questions
- Assertion and Reason questions
- Matching – (matrix matching, three column matching etc.)
- Linked Comprehension questions
- True or False Statement questions

#### 3) NUMERICAL BASED QUESTIONS (wherever necessary)

- Working out Numericals
- Objective Numericals based on Target IIT – JEE.

#### 4) BRAIN STORMING QUESTIONS

- |                                |  |
|--------------------------------|--|
| ○ Reasoning questions          | ○ Spot the dissimilar word and give reason |
| ○ Rewrite the false statements | ○ Comprehension type questions             |
| ○ Matching                     | ○ Completing the tables                    |

#### 5) OBJECTIVE CONCEPT QUESTIONS

- |                                     |                           |
|-------------------------------------|---------------------------|
| ○ Fill in the blanks                | ○ True or False questions |
| ○ Multiple Choice Questions (MCQs ) |                           |

#### 6) COMPREHENDING THE CONCEPTS IN THE LESSON

- |                   |                              |
|-------------------|------------------------------|
| ○ Study questions | ○ Textbook reading programme |
|-------------------|------------------------------|

#### 7) DIAGRAM BASED QUESTIONS

#### 8) THINKING SKILLS QUESTIONS

#### 9) FUN TIME

#### 10) LAB ACTIVITY

#### 11) DRAWING SKILLS



# TARGET IIT – JEE MATERIALS

## MATHEMATICS

- We have introduced TOPIC WISE TEXT BOOKS.
- These books are titled as MATHS IN SCHOOL.

### MATHS IN SCHOOL

We all know that MATHS is the trickiest subject in school education. It is because, there are lots of concepts involved in solving the problems. The child should not miss any concept. He/she should learn or must be given exposure to all types of maths concepts in each topic. And more than anything MATHS is the subject which is **learnt through practice**. But the practice should be planned meticulously.

We, at Saraswathinagar RATNAM conducted a **research** in trying to make **maths** easy to both learn and workout. We conducted a number of workshops for teachers and gathered information from the students to bring out a revolution, never heard of in the history of Andhra Pradesh education, in the form of “**MATHS IN SCHOOL**” [Topic wise TEXTBOOK cum WORKBOOKS] and “**MATHS AT HOME**” [Hometask books]. The benefits from these books are tremendous.

- These books not only cater to the needs of merit students and average students but also slow learners.
- Read the following to know the importance of these books:
  - Conceptually constructed lessons.
  - Information regarding what is happening in MATHS at your child’s school.
  - Information on how MATHS is taught in the school.
  - Maintenance of too many Notebooks is absent. Burden of carrying note books is decreased to the bare minimum.
  - Referring to the Maths Notebooks during Examinations is very easy.
  - What to do for Homework (task) is clearly demarcated and parents will have a clear idea.
  - Check over the teachers is very much possible.

### IIT – JEE MATHS MODEL QUESTIONS

- For each lesson, a complete question bank following IIT-JEE model is given.
- The Maths IIT-JEE question bank is given in a booklet form.
- Summary of the concepts are included at the beginning.
- These IIT-JEE model questions are dealt in detail at the end of each lesson.
- The model questions followed are:
  - Multiple answer Multiple choice questions
  - Statement questions
  - Assertion and Reason questions
  - Linked Comprehension questions
  - Ascending or Descending order type questions
  - True or False statement questions
  - Matching – (matrix matching, three column matching etc.)
  - Data Sufficiency type questions (unique feature of our school)



# TARGET MEDICAL MATERIAL

## BIOLOGY

- To give the students an option to choose even the MEDICAL stream, Biology is also given equal importance as MPC.
- This is a unique feature of our Techno School.

### MEDICAL FOUNDATION MATERIAL

- To prepare the students for MEDICAL based competitive exams, such as EAMCET, AIIMS, AFMC etc., a state of art medical foundation material is provided to the students.

### Topic Wise Materials

- Here too, the materials are given TOPIC WISE.

### Content of Each Lesson Material

#### 1) SUMMARY For MEDICAL

- Questions to review the summary

#### 2) MEDICAL EXAM MODEL QUESTIONS

##### **Competitive model questions based on EAMCET, AIIMS, AFMC etc.**

- Multiple answer, Multiple choice questions
- Statement questions
- Assertion and Reason questions
- Matching – (matrix matching, three column matching etc.)
- Linked Comprehension questions
- True or False Statement questions

#### 3) BRAIN STORING QUESTIONS

- |                                |  |
|--------------------------------|--|
| ○ Reasoning questions          | ○ Spot the dissimilar word and give reason |
| ○ Rewrite the false statements | ○ Comprehension type questions             |
| ○ Matching                     | ○ Completing the tables                    |

#### 4) OBJECTIVE CONCEPT QUESTIONS

- |                                     |                           |
|-------------------------------------|---------------------------|
| ○ Fill in the blanks                | ○ True or False questions |
| ○ Multiple Choice Questions (MCQs ) |                           |

#### 5) COMPREHENDING THE CONCEPTS IN THE LESSON

- |                   |                              |
|-------------------|------------------------------|
| ○ Study questions | ○ Textbook reading programme |
|-------------------|------------------------------|

#### 6) DIAGRAM BASED QUESTIONS

#### 7) THINKING SKILLS QUESTIONS

#### 8) FUN TIME

#### 9) LAB ACTIVITY

#### 10) DRAWING SKILLS



# TARGET LANGUAGES & SOCIAL

## ENGLISH

- [Refer to the elaborate programme mentioned in later pages]

## SOCIAL

- A comprehensive subjective and objective material is given.
- Students are taught to master Atlas Navigation
- Map pointing skills are taught.
- General knowledge based teaching.

## TELUGU and HINDI

- Telugu and Hindi material is based completely on:
  - Literature
  - Grammar
  - Writing practice sheets





# ENGLISH LANGUAGE DEVELOPMENT PROGRAMME

We all know that English language plays a prominent role as an International language around the world. Ever-growing need for fluency and mastery in English around the world have given priority to finding more effective ways to teach English. It is therefore time to view what our current assumptions and practices are concerning the teaching of these crucial language skills.

## CURRICULUM

We follow four modules.

- |            |                                  |  |              |
|------------|----------------------------------|--|--------------|
| Module I:  | English Literature (State board) | - Literature study                             | - Word study |
| Module II: | Writing skills (CBSE)            | Reading skills (CBSE)                          |              |
| Module III | :                                | English Language and Grammar (School material) |              |
| Module IV  | :                                | Communicative English (International Edition)  |              |

## ENGLISH MATERIAL

The English material is developed as follows.

### LITERATURE MATERIAL

Literature material includes Meanings, Synonyms, Antonyms, Language usage, Prefix, Suffix, Text study answers.

### GRAMMAR MATERIAL

Grammar material consists of Parts of Speech, Tenses and other allied exercises.

### WRITING SKILLS MATERIALS

Message writing, Notice writing, Diary entry, Imaginative writing, Letter writing & Composition writing etc.

## COMMUNICATIVE ENGLISH MATERIAL

To foster the communication skills and to express one's views coherently, the following topics are given in the material. **The following done in class 6 will be reviewed even in class 7.**

- (1) Greeting (2) Introducing (3) Invitation (4) Making a request (5) Giving advice (6) Saying apology (7) Asking permission (8) Wishing some one well (9) Saying good bye (10) Giving suggestion (11) Showing sympathy and condolences (12) Congratulations (13) Offering help  
14. Telephoning skills 15. Saying Thank you

**After reviewing the above topics, the following topics are taught.**



# ENGLISH LANGUAGE DEVELOPMENT PROGRAMME

## PATTERN OF EXAMINATION

In order to focus on the inherent talent & ability of the student, the question papers are compiled to test the following skills. English exam consists of 3 papers:

PAPER 1: Literature and Word study, Reading skills, Writing skills

PAPER 2: Language, Grammar, Dictionary Navigation

PAPER 3: Communicative English, Thinking skills for better English

### **PAPER 1:**      **LITERATURE & WORD STUDY**      (This section is based on the lessons in the text)

- Meanings                      • Usage of word                      • Antonym                      • Synonym                      • Suffix
- Prefix                      • Spell-check                      • Textual Questions & Answers
- Retelling the story (The student should know the story of the lesson to attempt this section)

**READING SKILLS:**      Reading, Understanding and Analyzing skills are tested

- Identify word origins, prefix and suffix.                      • Recognize synonyms and antonyms.
- Determine main ideas and supporting details.
- Draw inferences and support with text evidence.
- Connect, compare and contrast ideas, themes and issues.

#### **WRITING SKILLS:**

- Composition writing                      • Letter writing                      • Message writing                      • Notice writing
- Diary entry                      • Imaginative writing

### **PAPER 2:**      **LANGUAGE & GRAMMAR**

Language paper is designed to test the students in the usage of language and the sense of the Grammatical principles such as Formative Grammar and Natural Language use.

#### **DICTIONARY NAVIGATION**

It is given for 10 marks. The student needs to carry dictionary to the examination and has to search the answers for the given questions.

### **PAPER 3:**      **COMMUNICATIVE ENGLISH**

The Communicative English paper focuses on fluency in English language. It develops the ability to converse appropriately on topics and flow of talk, creating a confidence in the conversation.

#### **THINKING SKILLS FOR BETTER ENGLISH**

This Paper brings out the students efficiency of using English Language in various thinking skills activities.

- Distinguish between Real and Imaginary.                      • Distinguish between Fact and Opinion.
- Pick out similarities and differences                      • Identifying steps in process
- Inferring                      • Identifying Main Idea                      • Identifying Relationships
- Ordering Objects                      • Anticipating probabilities                      • Judging completeness



# GRAMMAR - The English DEVELOPMENT PROGRAMME

## GRAMMAR BRIDGE COURSE & GRAMMAR OLYMPIAD

In the present education system, group subjects play a vital role. But English language is very essential for attempting the questions in group subjects of Competitiive exams.

As skeletal system supports our body so is Grammar a requisite to master the language.

### GRAMMAR BRIDGE COURSE

Keeping the importance and necessity of English in view, **Grammar Bridge Course** was introduced.

The bridge course (total 10 parts in number) is completely based on the Grammar material given to the students.

This Bridge course supplements the given Grammar material.

- Every year, the Bridge course starts 3 months after School reopens.
- The Bridge course material is given once at the end of every 15 days.
- The gestions are based on the covered portions in the grammar material.
- Every part of the course will have questions from the first topic onwards.
- Variety of questions that test the grammar skills are given in the course.
- Each part of the course will be corrected and discussed.

### GRAMMAR OLYMPIAD

To create passion and sustain interest on Grammar among the students, Grammar Olympiad Test is conducted.

This helps the students to get perfect and pave way for a bright and royal future.

- We take pride in saying that this unique programme is run only by us.
- Grammar Olympiad Test is conducted twice in a year.
- This is a Cash Award test.
- The test is based on the covered portions only.
- Various types of questions are given.



# LIGHT HOUSES THE EMINENT STAFF

Class VII

- Yes, the staff of our school are the torch bearers and light houses.
- They show the path for the success.
- Our staff are highly trained professionals.
- Regular teacher training programmes are conducted under the supervision of our director **DR. K KRISHNA KISHORE. M.S. (ORTHO)**
- Every month, the teachers are made to refer and review the International books in all subjects from our Library. This helps them to know what is happening around the world.
- The teachers are trained to set the questions in the model of IIT-JEE , EAMCET , AIEEE etc.,
- Comradery, appreciation and discipline are the qualities that the staff are asked to follow strictly among themselves and with the pupils.



# INTERNAL EXAMINATIONS

**5 MODULES of INTERNAL EXAMINATIONS are followed**

MODULE 1:	RITE (RATNAM IIT TARGET EXAMINATIONS)
MODULE 2:	WEEKLY RITE TEST
MODULE 3:	WEEKLY SUBJECTIVE TEST
MODULE 4:	UNIT TESTS
MODULE 5:	TERMINAL EXAMINATIONS
MODULE 6:	NTSE model EXAM

## **MODULE 1: RITE (RATNAM IIT TARGET EXAMINATIONS)**

- Total 10 tests are conducted in a year
- The question paper is based on IIT-JEE model as well as MEDICAL model.
- OMR sheet answering.
- Meritorious students are given awards.

## **MODULE 2: WEEKLY COMPETITIVE TEST**

- Every week, one competitive test is conducted on M.Bi.P.C

## **MODULE 3: WEEKLY SUBJECTIVE TEST**

- Every week, one subjective test is conducted on one of the subjects (M.Bi.P.C)

## **MODULE 4: UNIT TESTS (All the subjects)**

- A good amount of portion is included in the unit tests.
- These tests are completely based on **ANALYTICAL SKILLS** of the student

## **MODULE 5: TERMINAL EXAMINATIONS (All the subjects) Quarterly, Half-yearly and Annual examinations**

- Term portion is included in these examinations.
- Annual exam includes the complete portion in selected subjects.
- These tests are completely based on **ANALYTICAL SKILLS** of the student

## **MODULE 6: NTSE EXAMINATIONS**

- NTSE exam is included in unit tests and terminal examinations



# PATTERN OF INTERNAL EXAMINATIONS

## UNIT TESTS & TERMINAL EXAMINATIONS

Every question given in the question paper has a role in improving child's analytical skills other than the subject knowledge within the syllabus.

### PHYSICS & CHEMISTRY

#### Model of Conceptual paper: (Both subjective and objective)

- We follow MODEL OF ASSESSEMENT, AUSTRALIA (MACMILLAN).
- The model is completely based on ANALYTICAL SKILLS.
- Text book reading and careful listening and understanding of the class teaching is essential to answer these questions.
- The questions are based on the following skills (sections):
  - Observing, Measuring
  - Interpreting (Data; Tables; Visuals)
  - Reasoning ; Problem solving
  - Memory based
  - Inferring, Predicting, Concluding
  - Investigating
  - Comprehension
  - Diagram skills

### MATHS

- Maths consists of Two papers - [Paper 1 and Paper 2].
- Portions for each paper are different.
- Each paper has two parts.
  - Part A: Subjective
  - Part B: Objective
- The papers are based on the following skills:
  - Conceptual Theoretical questions
  - Mathematical Reasoning questions
  - Every day Applicative model questions
- The questions given are not at all taken from their text books.
- Many brain storming questions are given.



# PATTERN OF INTERNAL EXAMINATIONS

Class VII

## BIOLOGY

### Model of Conceptual paper: (Both subjective and objective)

- We follow MODEL OF ASSESSEMENT, AUSTRALIA (MACMILLAN)
- The model is completely based on ANALYTICAL SKILLS.
- Text book reading and careful listening and understanding of the class teaching is essential to answer these questions.
- The questions are based on the following skills (sections):
  - Observing, Measuring
  - Inferring, Predicting, Concluding
  - Interpretation (Data; Tables; Visuals)
  - Investigating
  - Reasoning; Problem Solving
  - Comprehension
  - Memory based
  - Diagram skills

## ENGLISH

[Refer to the elaborate programme mentioned in previous pages]

## SOCIAL

- Social paper is based on Integrated CBSE and STATE board.
- The paper contains:
  - Subjective questions
  - Objective questions
  - Diagrams and Picture based questions
  - Map pointing and Map reading questions
- ATLAS NAVIGATION is tested in a separate question paper.

## TELUGU & HINDI

- Telugu and Hindi are tested extensively both in Literature and Grammar



# PATTERN OF IIT - JEE TESTS

## NTSE

- NTSE Exam is included in the Unit Tests and Terminal Examinations.
- NTSE programme develops all the skills starting with Analytical skills that are essential at Competitive Examinations like IIT -JEE.
- NTSE Examination paper is divided into two parts.
  - \* PART - I : MAT: Mental Ability (Verbal & Non-Verbal)
  - \* PART - II : SAT: Maths, Physics, Chemistry, Biology & Social Studies.

## IIT-JEE TARGET ASSESSMENT

- The IIT-JEE target assessment is based on the method of IIT-JEE, AIEEE and EAMCET.
- The RITE and WEEKLY COMPETITIVE tests that are conducted also target IIT-JEE.
- The questions given are as follows:
  - Multiple answer, Multiple choice questions
  - Statement questions
  - Assertion and Reason questions
  - Matching – (matrix matching, three column matching etc.)
  - Linked Comprehension questions
  - True or False Statement questions





# PRE & POST EXAMINATION

FOR BETTER OUTCOME

## LOGS

- Monthly logs of the portions (to be completed) are given to the students at the beginning of the month.
- Exam (unit test and terminals) portions are given seven days prior.

## PRE-EXAMINATION WORK

- Before internal examinations, revision classes are conducted.
- For unit tests three days and for terminal examinations five days are allotted for revision.
- Revision schedule will be given to the students to make their revision more profitable.
- Concerned subject teachers will be in continuous interaction with the students during the revision period.

## POST-EXAMINATION WORK

- After the examination, the question papers are discussed in detail by the respective subject teachers.
- Remedial work will be given to the students so that the chances of committing the same mistake in upcoming examinations will be minimized.

## COUNSELLING HOURS

- At the end of each RITE, counseling hour is provided.
- Even after every internal examination, counseling hour is attached.
- These counselling hours help to discuss the highs and lows of the student.
- Personal counselling is also taken to encourage them and instill positive attitude.



# WORKING HOURS

## SCHOOL HOURS

**Monday to Saturday - 8.30 am to 5.30 pm**

## STUDY HOURS

**Monday to Saturday - 4.00 pm to 5.30 pm**

## TALENT TEST HOURS (4.00 pm to 6.30 pm)

- Prior to the talent tests, the students are asked to stay for extra hours between 5.30 pm and 6.30 pm. (with a break for snacks)

## PARENT – TEACHER – PRINCIPAL MEETINGS

- Regular interactive session with the parent for better improvement of the child will be held periodically
- Parent – vice principal meets are conducted monthly once for the betterment of the child's academics, their demeanours and other activities.
- Obviously, this is our strong point.



# SCHOOL PROGRAMMES

## L. C. D AUDIO – VISUAL CLASSES

- Audio – visual classes are conducted in Maths, Physics, Chemistry and Biology.
- LCD projector is used for audio – visual classes.
- The A.V. classes help the children to reinforce the concepts learnt in the class.
- Animated pictures and Real life pictures present a good viewing experience.
- L. C. D audio – visual classes are conducted before and after completing each and every topic in maths , physics, chemistry , biology .

## ANSWER SHEET PRESENTATION

- Special classes are taken to improve the presentation of answer sheet.
- Before unit tests and terminal examinations, rules of presenting answer sheet are explained in detail so as to improve their performance in examinations.

## CRASH COURSE IN TELUGU AND HINDI

- Telugu and Hindi crash courses have been introduced for classes 6th and 7th for better performance in languages.
- This crash course is scheduled in three sessions
- **Session – 1 : In the month of June**  
Duration : One week  
Portion : Letters and words
- **Session – 2 : In the month of September**  
Duration : One week  
Portion : Sentence formation

## LIBRARY

- School library is a big bank of knowledge with variety of categories.
- During library periods, students get an opportunity to explore the library and drink deep at the fountain of knowledge.



# SCHOOL PROGRAMMES

## ATLAS ACTIVITY

- Atlas activity is a very unique programme which we introduced in the examinations.
- In unit tests and terminal examinations, Atlas search is given for 10 marks where the students need to carry atlas to the exam and they have to search answers for the questions given.
- Class assignments on Atlas activity are given once in a fortnight to make the programme more effective.

## DICTIONARY NAVIGATION

- Aim is to improve the child's ability to use dictionary and to refer to the words quickly and choose meanings precisely and to find the word forms judiciously.
- This programme helps the child to explore the world of English language in different sectors.
- It builds confidence of the students to a great extent.
- In unit tests and terminal examinations, Dictionary Navigation is given for 10 marks where the students need to carry dictionary to the exam and they have to find out answers for the questions given.
- Class assignments on Dictionary Navigation are given once in a fortnight to make the programme more effective.

## GAMES AND EXTRA - CURRICULAR ACTIVITIES

- Games periods are provided to give them good physical exercises to relax their periods.
- Under extra - curricular activity, weekly one ACTIVITY PERIOD (music, yoga etc.) is allotted. Each student should compulsorily choose one activity from among the activities provided.



- Computer classes find place in the regular timetable.
- The computer education is very helpful in attempting some talent tests, such as National Cyber Olympiad and Unified Cyber Olympiad

- To re-boost up the child from studies, on every possible Saturday afternoon session, we have provided many co – curricular activities.
- Few of the activities included are:
  - Group discussion      ○ Seminars in subjects (OHP and Power Point)
  - Elocutions              ○ G. K. Quiz
  - Essay writing            ○ Educational field trips
  - Subject Quiz            ○ Word Gambling      ○ Cultural events

- To foster the skills of attending and attempting the external exams, we encourage and train the students to take up the following talent tests:
- These tests give the students confidence and courage to face the external competitive exams.
  - NCO
  - NSO
  - NTSE
  - MaC MILLAN INTERNATIONAL TESTS
  - and many other important talent tests
  - UCO
  - IMO



# MENTAL ABILITY

- Mental Ability helps to improve and enhance the analytical reasoning skills of the students
- Analytical skills are important in IIT JEE and other competitive exams.
- Only NTSE programme provides the right platform and a vast scope to excel.

## SYLLABUS OF MENTAL ABILITY

### **Verbal Reasoning:**

Blood relations; Direction sense test; Analogy; Mathematical operations; Series; Logical diagrams; Classification; Inserting the Missing character; Coding and Decoding; Alphabet test; Mental Maths; Logical sequence of words; and many more.

### **Non - Verbal Reasoning:**

Series; Classification; Analogy; Continue the missing pattern.

## CLASSES ALLOTTED

Weekly two periods are allotted for mental ability.



# GENERAL RULES

## School uniform:

- Pupils who are not in full uniform are liable to be sent home at the risk of the parent.
- Wearing uniform on the specified days should strictly be adhered to because the uniform has a discipline in itself.

## Carrying books:

- He or she should bring the books according to the time table.
- Parental care is also solicited in regard to this.

## Behavior in the campus:

- Running in the corridors is strictly prohibited.
- No shouting is allowed in or around the school building.

## Spoken language in the campus:

- Communicating in English is a must during school hours inside the school campus.

## Student attendance:

- Daily attendance is very important for your child to benefit the most from the school, and to learn the meaning of responsibility.
- Attendance is the responsibility of both the parents and the students.

## Leaving the campus:

- For their own safety, students shall not leave the campus during the school day without the permission.
- If it is necessary for your child to leave the campus, you must notify the principal in writing or in person.

## Reporting absence:

- If your child is going to be absent, please notify the school in advance or by 9 o' clock on the day of the absence.
- If that is not possible, you must send a note with your child when he or she returns to the class which states the dates and reasons for their absence.

## Visitors:

- We are always delighted to have you visit the school. It gives us a chance to get to know you better and to share information about school programmes and operations.
- Each time you visit, please stop by school office to sign in and let us know you are here.
- It is very important for us to know who is on campus to maintain students safety and security and also to prevent the school routine from being interrupted.

## Fee payment:

- Fees payment should be made on time.

## Visiting Hours:

- Parents should strictly follow the specified / fixed Visiting hours.



# Ratnam Group of Doctor's Schools

Kids \* Race \* Olympiad \* IIT \* Concept \* Global \* NTSE \* Techno

4 Lakh Students appear for IIT-JEE every year.

How are you different from the rest?

Ratnam i Techno makes you different and unique by providing strong fundamentals and ability to think laterally.

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THE *i* SCHOOL

RATNAM

TECHNO 

SCHOOL

*i* for intelligence. *i* for iit 

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CLASSES VI - IX

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