



NTSE Annexure_A

Prepare bright students, for the competitive exams

Through evening on line classes for 1.5 year, (To those with NMMS marks above 100)

We wish to help, the academically merited students, from the Govt. schools. We teach do maths of a higher level. This coaching will be conducted online, for 1 hour in the evening, every day. Teaching will focus on building concepts and strengthen the ability of the students to apply them. Coaching covers questions from competitive exams. These classes are for students studying in 8th std., now in Jan 2024. We are selecting 60 students, to be taught in 3 groups.

All students are good and deserved to be helped. All students, need to progress. It is because of our limitations, we are helping only those who are very comfortable with Maths.

There are students, who are good in academics, and have an urge to study more, They need additional attention from the teachers. It is good if there is a teacher in the school or in the neighbourhood who can help such students. Normally a school teacher, tied with duties, may finds it difficult to provide extra time to give to meritorious students, and teach higher levels. We wish to help students in such situations. Students can benefit from our class and can continue if they find it useful.

SCREEN: We wish to have 1 student from one school. We will screen students with online tests. We test student's ability to explain the methodology they use in solving a problem. If we screen 50 students, about 15 will pass the tests. We use Navodaya exam questions to test the students.

SUBJECTS: The coaching is in English and we also Marati and Hindi. Questions sent to students will be in English only. The students from Marati medium will find it hard. But in 2-3 months, they will overcome hesitation and will be comfortable to do maths in English. This will do good to students in long range. Yes, some 50% students from Marati medium will say just "NO NO" to English and drop out from these classes. This is unfortunate and we wish it is not to happen. We also conduct spoken English classes for students.

CLASS SYSTEM: In the first 3 months, we follow NCERT books for class 7. These are more difficult than textbooks. After that we use 8th std. NCERT books. Once a specific chapter is covered in the schools, we take them in our online classes. The student should solve ALL questions in the state textbook. We send the additional questions on that chapter to the students. These are sent from the book "EXEMPLAR, 8th MATHS by NCERT". There will be about 150 questions in each chapter, and all are multiple choice type. Students are expected to attempt 30 questions daily. We want the students who have attempted the questions to attend this online class. These chapters can be downloaded free from "exemplar NCERT NIC.in".

BENIFITS: These classes bring discipline in the student. The student will start doing self-studies, understand its importance. Students will learn to go deeper into a subject and proceed



SATHI (Society for Assistance to Children in Difficult Situation)

systematically while solving problems. Students understand how to apply the concepts. The language and articulation will improve. Our effort is to train students for NMMS at 8th std., 9th std. Navodaya, PM Yeshaswi and such competitive exams.

NOT FOR ALL STUDENTS: Students who go to multiple tuition, may not fit here. A student has to set aside 2 hrs a day for these classes. Parents' consent is needed for a student to join.

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Google Pramod at Prerana NGO for education to students, Bangalore, or NGO SATHI , for children B'lore

TIMETABLE: This schedule for students studying in 8th std. as of January 2024

- a. 1st & 2nd week of April 2024 – First we will run 15 days spoken English classes. This to kick start.
- b. 3rd & 4th week of April 24 – we start covering 18 Mathematics chapters of 6th std. We will use previous Navodaya questions, we will also use questions from Maths Exemplar book for 6th std.
- c. 1st & 2nd week of May 2024 – we will do 1 lesson on each of the 12 chapters of 7th std.
- d. June – August 2024 – We come to questions in exemplar of 8th std.
- e. Sept. 2024 to Feb. 2025 – We start solving questions from Exemplar Maths of 9th std, and also exemplar Science for 9th std.
- f. In between we start handling previous years questions from a) PM Yeshaswi, b) 9th Navodaya, c) NTSE as is relevant to 9th std.
- g. April – Nov. 2025 - We will continue coaching till Nov 2025. We will cover a) 10th std. exemplar books both in Maths and in Science, b) NTSE book – MTG publication

Thus we study following 7 books, in the period May 2024 to Dec 2025

1. NCERT exemplar maths 8th
2. NCERT exemplar science 8th
3. NCERT exemplar maths 9th
4. NCERT exemplar science 9th
5. NCERT exemplar maths 10th
6. NCERT exemplar Science 10th
7. NTSE previous 5 yr questions, maths , physics, chemistry and biology NTSE book – mtg publication