



## NMMS\_Annexure 1

### **Sub: 10 months online classes, to prepare bright students from current (in January 2024) 7<sup>th</sup> std. for the competitive exams**

I wish to help, academically the merited students, from the Govt. schools. We do maths teaching of a higher level. This coaching will be conducted online, for 1 hour in the evening, every day. This 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 7<sup>th</sup> std. (now in January 2024). We will take 3 groups of 20 bright students in each group.

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

The students, who are good in academics, and have an urge to study more needs additional attention from the teachers. It is good to get such guidance from someone in school or close to the student. Normally a schoolteacher, tied with duties, may finds it difficult to provide extra time. 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 Kannada and Hindi. Questions sent to students will be in English only. The students from Kannada 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 Kannada 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 8<sup>th</sup> 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, 7<sup>th</sup> 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



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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 8<sup>th</sup> std., 9<sup>th</sup> 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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**TIMETABLE: This schedule is applicable only for students studying in 7<sup>th</sup> std. (as of January 2024)**

- a. First we will run 15 days spoken English classes. This to kick start. (1<sup>st</sup> & 2<sup>nd</sup> week of April)
- b. Then we start covering 18 mathematics chapters of 5<sup>th</sup> std. We will use previous Navodaya questions. (3<sup>rd</sup> & 4<sup>th</sup> week of April)
- c. Then we will do 1 lesson on each of the 12 chapters of 7<sup>th</sup> std. (1<sup>st</sup> & 2<sup>nd</sup> week of May)
- d. Third stage we cover questions in Exemplar maths of 6<sup>th</sup>std. (3<sup>rd</sup> and 4<sup>th</sup> week of May)
- e. After that we come to questions in exemplar of 7<sup>th</sup> std. (June, July, August)
- f. Then we come to questions in exemplar of 8<sup>th</sup> std. (September – October)
- g. We then start handling previous 20 years of questions from NMMS (November – December)