



MAKING EAGERNESS IN STUDYING MATHS BY INNOVATIVE METHODS

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ABSTRACT

I am working as Maths teacher in the Govt. Hr. Sec. School in a village named Alagankulam. I am teaching maths to the age group of 11 to 15 yr old students those who are studying 6th std to 10th std. In my class , most of the students are not so much interest in studying maths. When I use the questionnaire , I know that they(95%) do not know the Multiplication Table and they think that Maths is very hard subject to study and they are not interest in maths.

I know that I can not force them to memorise the Multiplication Table . Because it may give strong idea to their thought like maths also very hard and they may hate the maths subject . I want to use some **innovative methods to learn the Multiplication Table .**

First I introduce **Magic Maths** daily in my maths class and teach the Magic how to do (for an exmple : how to **find out the day** for **any date**) and I do some simple **science experiments** using waste materials. Maths is queen of Science .(for an example: using mirror and a pan with some water , I show the Rainbow in my classroom wall) After some days, they are very eager to meet me in maths class. I think that very first the students should love the maths teacher then only the teacher make interest in Maths . In my Maths class , I divide the 45 minutes in to four parts. First 5 minutes Magic maths or simple experiments . **15 minutes teaching maths** in the text book. Then 5 minutes Magic maths or simple experiments doing themselves. **15 minutes teaching maths** in the text book . Last 5 minutes interaction about their dought in maths subject and any dought in and around (for an example : one day they ask why the milk rises up when it is boiled and the water does not so)

After one month , i used the same questionnaire. The result was very good. Many students (92%) are very interesting in studying maths the rest of the students (8%) donot know how to read and write in tamil . They don't know the letters in tamil . So I give the coaching for reading and writing tamil letter to the 8% of the students in the evening for 45 minutes after school time.

In this my paper presentation , I explain the following technique to make the students eagerness in Maths studying .

- Innovative method to learn Multiplication Table 2 to 19
- Innovative method to say the DAY for any date.
- Innovative method to learn squaring a 2 digit number
- Innovative method to checking sums on arithmetic operations (addition.subtraction,multiplication and division
- Introducing DVD of Video clipping of geometry drawing to 10th std students.
- Making awareness to participate in Competition to get extra curricular skills .

Key Words: Questionnaire, Extra Curricular Skills, Arithmetic Operations