

Std. 5 Online Mathematics Training Programme
by
Bhaskaracharya Pratishthana, Pune

Date of Commencement of the course: 19th June 2021

Eligibility for the course: More than 85% marks or equivalent grade in Mathematics in Std. 4

Timings for the course: Saturday 3.00 pm to 4.30 pm and Sunday : 8.30 am to 10 am.

Expected Learning outcomes from the course:

1. Initiation of the liking in mathematics
2. Get introduced to a variety of problems beyond textbook
3. Achieve noticeable change in mathematical aptitude
4. Boost the confidence for competitive exams like Ganit Prabhatwa Spardha

Fees for the programme: Rs. 9000/-

Syllabus of the course:

1. Numbers - Introduction, Place value
2. Primary Operations on Numbers - Addition, Subtraction, Multiplication, Division
3. Roman Numerals - Introduction
4. Divisibility - Introduction, Prime Factorization, Tests of divisibility
5. GCD & LCM
6. Common Fractions - Definition, Addition, Subtraction, Multiplication, Division Comparison
7. Decimal Fractions - Conversion of fractions into decimals
8. Decimal Units of Measurement
9. Other Units of Measurement
10. Distance, Time, Speed - Relations and Units
11. Percentage
12. Simple Interest
13. Profit & Loss
14. Geometry - Angles, Circles and Chords, Geometrical Closed shapes
15. Perimeter and Area - Rectangle, Square, Any geometrical closed shape
16. Series
17. Cryptarithmic
18. Magic Squares

Activities:

1. Puzzles (Logic, Numbers, Shapes) given in every session
2. Special lectures on interesting topics
3. Worksheets for practice
4. Group activities

Books for Reference:

1. Ganit Prabhatwa for 5th Standard
2. Balbharati Mathematics Book for Standard 5
3. Various Mathematical and Logical Puzzle Books

Teaching Faculty for the programme:

Mr. Kiran Barve (M. Sc., M. Phil. in Mathematics),
Mr. Abhijit Phansalkar (B.E., D.B.M)

Coordinator of the programme:

Mrs. Medha Ambikar B. E. (E & TC)
9822211840
mhambikar@gmail.com