



**GURUKUL MAHILA ARTS & COMMERCE COLLEGE - PORBANDAR**

Post Box No. 21  
Porbandar - 360 575

Phone (O) : 0286-2245561  
Email: gurukulac@yahoo.co.in

Jubilee, Bokhira,  
Porbandar - 360 579

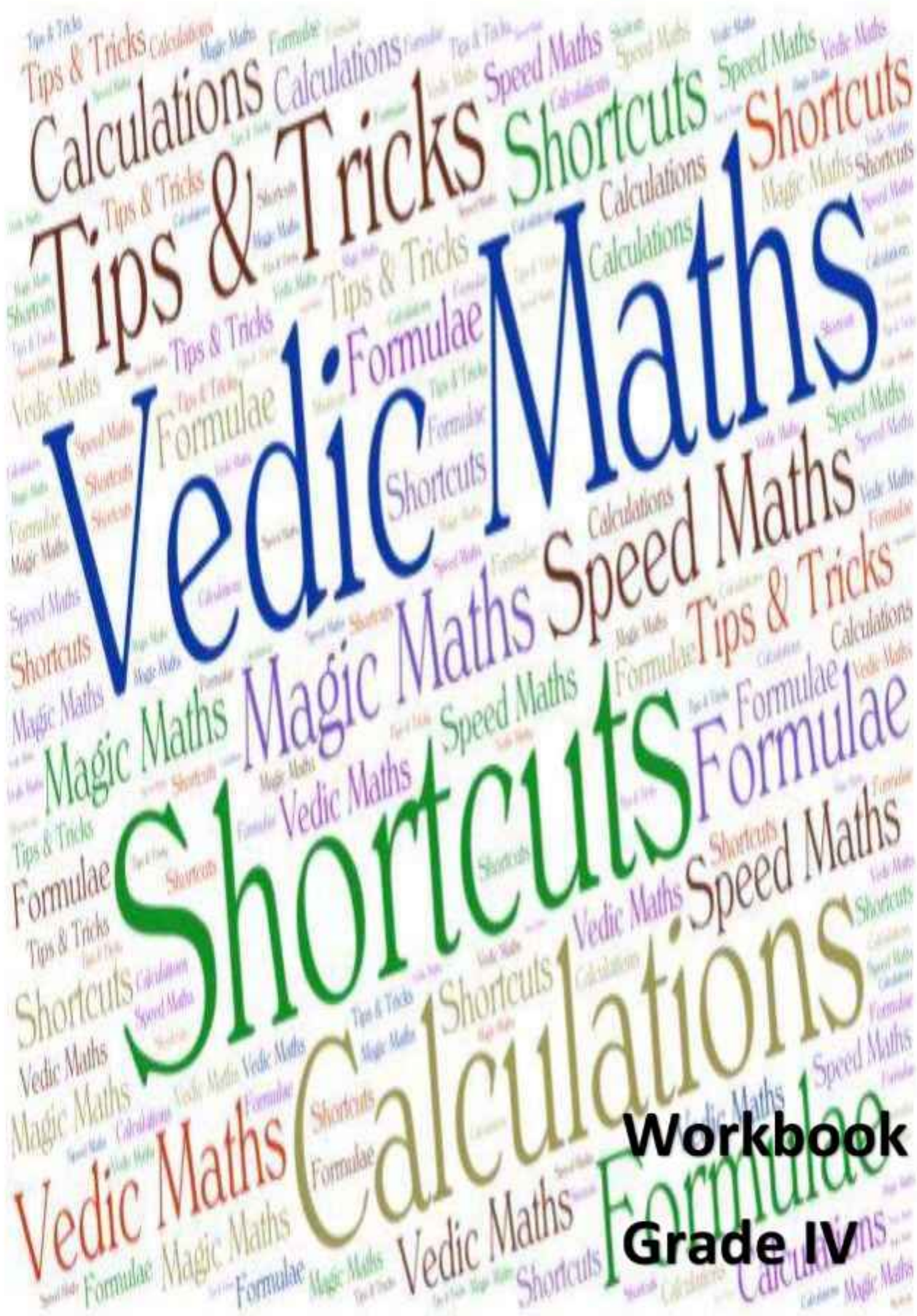
**Summary of Vedic Mathematics Short-Term Course**

Gurukul Mahila Arts and Commerce, Porbandar, offers a short-term course in Vedic Mathematics. This course introduces students to the mathematical realms, revealing the pleasure of solving problems through a remarkable set of techniques. Derived from 16 sutras (verses) in the Vedas, these techniques are an infinite reservoir of knowledge and wisdom, offering practical insights applicable to various aspects of life.

**ARSHASAT**  
PRINCIPAL  
Gurukul Mahila Arts & Commerce College  
PORBANDAR







**Workbook**

**Grade IV**

## VEDIC MATHEMATICS

Vedic mathematics is the mathematical areas of study, to discover the joys of solving mathematical problems by a wonderful set of techniques. These techniques are derived from 16 sutras (verses) in the vedas. They are an endless source of knowledge and wisdom, providing practical knowledge in all spheres of life.

Numbers, numbers all around,  
Everywhere they can be found.  
Numbers tell how old I am.  
And how many people in my fam.  
How much I weigh and just how tall.  
Where I live and that's not all!  
Numbers are a part of me.  
Money, time and history.  
When to wake up and when to eat.  
What size shoes to buy for my feet.  
How much money something costs.  
A number to call if my pet gets lost.  
I don't know where I would be.  
If numbers weren't a part of me!





## CONTENTS

1. Addition by splitting	page no. 5
2. Addition by round off	page no. 6
3. Addition by pairing	page no. 7
4. Activity on Addition	page no. 8
5. Subtraction from 100	page no. 9
6. Subtraction from 1000	page no. 10
7. Activity on Subtraction	page no. 11
8. Make a calculator	page no. 12
9. Fun Activity on Subtraction	page no. 13
10. Explore- Add and Subtract	page no. 14
11. Skip counting	page no. 15
12. Activity Even and Odd numbers	page no. 16
13. Explore - We Are One	page no. 17
14. Mental Maths Addition and Subtraction	page no. 18
15. Multiplication table of 3 on fingers	page no. 19
16. Multiplication table of 9 on fingers	page no. 20
17. Grid of tables 1 to 10	page no. 22
18. Explore- Magic of zero	page no. 23
19. Game- Dodging tables	page no. 24
20. Explore - Pattern play	page no. 25
21. Multiplication with number 9	page no. 27
22. Multiplication with number 99	page no. 28

23. Activity- Word Search	page no. 29
24. Number patterns	page no. 30
25. Grid method to multiply 2 digit numbers	page no. 31
26. Crossword puzzle	page no. 33
27. Multiply and Divide by 10's	page no.34
28. Mental Maths Multiplication and Division	page no.35
29. Check page - Addition	page no.36
30. Check page - Subtraction	page no.37
31. Check page - Multiplication	page no.38
32. Check page - Division	page no.39
33. Notes	page no.40
34. Notes	page no.41
35. Certification	page no.42

We hope that this effort will help the students to expand their knowledge. It will fuel the students curiosity about mathematical facts. These Vedic methods and activities guide the students to acquire skills and effective understanding of the subject.

**Book by: Ms. Ruchi Gupta**

**(Teacher at DPS Sec-84)**



**GURUKUL MAHILA ARTS AND COMMERCE COLLEGE, PORBANDAR**  
**COURSE NAME :VAIDIK MATHAMETICS : 2018-19**

SR. NO	NAME OF THE COURSE	GEN DER	NAME OF THE STUDENT	CLASS	DURATION
1	VAIDIK MATHAMETICS	F	BARIYA DHARA N.	B.COM(SEM -4)	3 MONTHS
2	VAIDIK MATHAMETICS	F	DABHI VAISHALI J.	B.COM(SEM -4)	3 MONTHS
3	VAIDIK MATHAMETICS	F	GAUSWAMI AVNI P.	B.COM(SEM -4)	3 MONTHS
4	VAIDIK MATHAMETICS	F	JOSHI KHUSHBU M.	B.COM(SEM -4)	3 MONTHS
5	VAIDIK MATHAMETICS	F	JOSHI SONALI J.	B.COM(SEM -4)	3 MONTHS
6	VAIDIK MATHAMETICS	F	TANK HINAL V.	B.COM(SEM -4)	3 MONTHS
7	VAIDIK MATHAMETICS	F	THAKARAR PRATHANABEN M.	B.COM(SEM -4)	3 MONTHS
8	VAIDIK MATHAMETICS	F	THANKI BHARGAVI B.	B.COM(SEM -4)	3 MONTHS
9	VAIDIK MATHAMETICS	F	THANKI JIGNA P.	B.COM(SEM -4)	3 MONTHS
10	VAIDIK MATHAMETICS	F	THANKI KHYATI N.	B.COM(SEM -4)	3 MONTHS
11	VAIDIK MATHAMETICS	F	THANKI RACHANA D.	B.COM(SEM -4)	3 MONTHS
12	VAIDIK MATHAMETICS	F	THARECHA NIRUPA B.	B.COM(SEM -4)	3 MONTHS
13	VAIDIK MATHAMETICS	F	VADHIYA VARSHA V.	B.COM(SEM -4)	3 MONTHS
14	VAIDIK MATHAMETICS	F	BAMANIYA NIKITA T.	B.COM(SEM -4)	3 MONTHS
15	VAIDIK MATHAMETICS	F	BHUTIYA MEERA L.	B.COM(SEM -4)	3 MONTHS
16	VAIDIK MATHAMETICS	F	CHUDASAMA KAJAL R.	B.COM(SEM -4)	3 MONTHS
17	VAIDIK MATHAMETICS	F	GAUSWAMI RUPA R.	B.COM(SEM -4)	3 MONTHS
18	VAIDIK MATHAMETICS	F	GODHANIYA MEENA R.	B.COM(SEM -4)	3 MONTHS
19	VAIDIK MATHAMETICS	F	GODHANIYA VALI B.	B.COM(SEM -4)	3 MONTHS
20	VAIDIK MATHAMETICS	F	JETHVA HEMA P.	B.COM(SEM -4)	3 MONTHS
21	VAIDIK MATHAMETICS	F	KAMALIYA NITA R.	B.COM(SEM -4)	3 MONTHS
22	VAIDIK MATHAMETICS	F	KANTHAL RIDDHI K.	B.COM(SEM -4)	3 MONTHS
23	VAIDIK MATHAMETICS	F	KHER VIBHUTI V.	B.COM(SEM -4)	3 MONTHS
24	VAIDIK MATHAMETICS	F	KHISTARIYA JALPA R.	B.COM(SEM -4)	3 MONTHS
25	VAIDIK MATHAMETICS	F	KHISTARIYA SHANTI D.	B.COM(SEM -4)	3 MONTHS
26	VAIDIK MATHAMETICS	F	KHUNTI AARTI R.	B.COM(SEM -4)	3 MONTHS
27	VAIDIK MATHAMETICS	F	KHUNTI BHARTI J.	B.COM(SEM -4)	3 MONTHS
28	VAIDIK MATHAMETICS	F	KHUNTI CHETNA R.	B.COM(SEM -4)	3 MONTHS



**GURUKUL MAHILA ARTS AND COMMERCE COLLEGE, PORBANDAR**  
**COURSE NAME :VAIDIK MATHAMETICS : 2018-19**

SR. NO	NAME OF THE COURSE	GEN DER	NAME OF THE STUDENT	CLASS	DURATION
29	VAIDIK MATHAMETICS	F	KHUNTI NIDHI B.	B.COM(SEM -4)	3 MONTHS
30	VAIDIK MATHAMETICS	F	LABADIYA SANDHYA P.	B.COM(SEM -4)	3 MONTHS
31	VAIDIK MATHAMETICS	F	MAKAVANA KRISHANA B	B.COM(SEM -4)	3 MONTHS
32	VAIDIK MATHAMETICS	F	MODHAVADIYA KIRTI K	B.COM(SEM -4)	3 MONTHS
33	VAIDIK MATHAMETICS	F	MODHAVADIYA HINA J	B.COM(SEM -4)	3 MONTHS
34	VAIDIK MATHAMETICS	F	MODHAVADIYA KAJAL B	B.COM(SEM -4)	3 MONTHS
35	VAIDIK MATHAMETICS	F	MODHAVADIYA KAJAL K	B.COM(SEM -4)	3 MONTHS
36	VAIDIK MATHAMETICS	F	MODHAVADIYA PUJA G	B.COM(SEM -4)	3 MONTHS
37	VAIDIK MATHAMETICS	F	OEDRA NEHAL R.	B.COM(SEM -4)	3 MONTHS
38	VAIDIK MATHAMETICS	F	RATHAVA PINKAL G	B.COM(SEM -4)	3 MONTHS
39	VAIDIK MATHAMETICS	F	SIDDHPURA URVASHI V.	B.COM(SEM -4)	3 MONTHS
40	VAIDIK MATHAMETICS	F	SOLANKI RUSHITA M.	B.COM(SEM -4)	3 MONTHS
41	VAIDIK MATHAMETICS	F	SUNDAVADRA LEELU D	B.COM(SEM -4)	3 MONTHS
42	VAIDIK MATHAMETICS	F	TUKADIYA KRISHNA H	B.COM(SEM -4)	3 MONTHS
43	VAIDIK MATHAMETICS	F	VADHIYA DHARMISHTHA V	B.COM(SEM -4)	3 MONTHS
44	VAIDIK MATHAMETICS	F	VARA AARTI H	B.COM(SEM -4)	3 MONTHS

**ARSHAGAR**  
 PRINCIPAL  
 Gurukul Mahila Arts & Commerce College  
 PORBANDAR





**VEDIC MATHEMATICS:  
2019-20**

NO.	NAME
1	MAKWANA KRISHNA B
2	LABDIYA SHNDHYA B
3	VARA ARTI H
4	JOSHI BANSI G
5	THANKI HARGVI V
6	DASA DIVYA A
7	SHUKLA PARUL M
8	SONAGARA DRASHTI V

**ARSHAST**  
PRINCIPAL  
Gurukul Mahila Arts & Commerce College  
PORBANDAR

