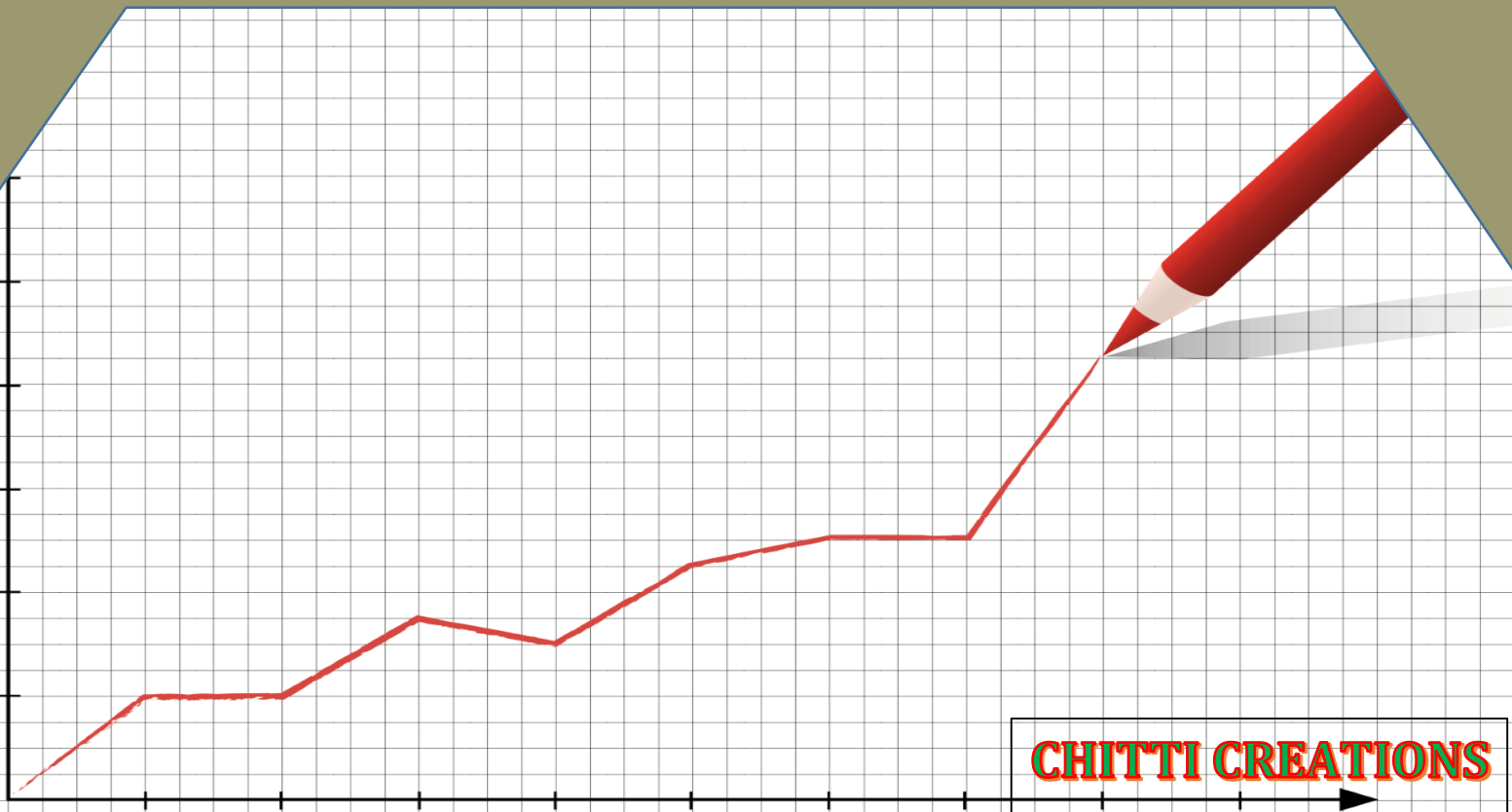
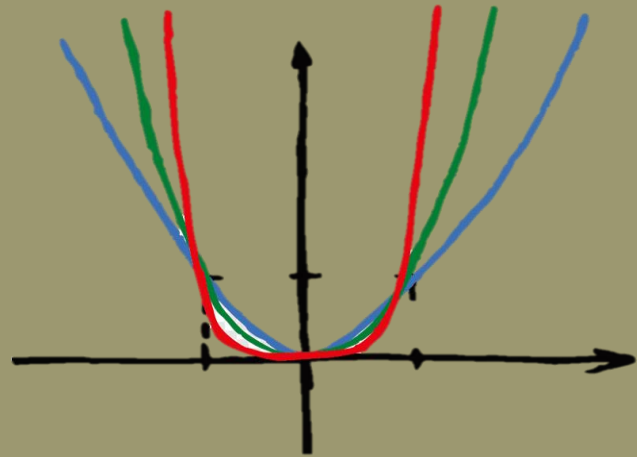


YEAR 2021-22

MATHEMATICS PROGRAM OF WORK



CHITTI CREATIONS

PROGRAM OF WORK FOR THE YEAR 2021-22 7TH STANDARD (E.M)

DATE:20-06-2021

PREPARED BY:



T.SHIVAKUMAR
MMDRS, HARAPANAHALLI TOWN
VIJAYANAGARA DIST
Mob.9916142961

PART-1

SL.NO	UNIT NAME	ALLOTTED PERIODS
1	PLAYING WITH NUMBERS	08+02
2	RATIONAL NUMBERS	08+02
3	LINEAR EQUATIONS IN ONE VARIABLE	07+02
4	UNDERSTANDING QUADRILATERALS	10+02
5	SQUARES & SQUARE ROOTS	10+02
6	ALGEBRAIC EXPRESSIONS & IDENTITIES	04+02
7	PRACTICAL GEOMETRY	10+02
	CCE EVALUATION	06
	TOTAL	77

PART-2

SL.NO	UNIT NAME	ALLOTTED PERIODS
8	CUBES AND CUBE ROOTS	08+02
9	EXPONENTS & POWERS	12+02
10	DATA HANDLING	08+02
11	DIRECT & INVERSE PROPORTIONS	08+02
12	INTRODUCTION TO GRAPHS	08+02
13	FACTORISATION	10+02
14	VISUALISING SOLID SHAPES	08+02
15	COMPARING QUANTITIES	09+02
16	MENSURATION	12+02

CHITTI CREATIONS

	CCE EVALUATION	06
	TOTAL	107

(Note: Additional 02 periods required for notes checking and clarification of doubts)

NO.OF PERIODS: 26

MONTH: JULY 2021

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
	BRIDGE COURSE TEST			
	CCE EVALUATION			

NO.OF PERIODS : 25

MONTH: August 2021

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	PLAYING WITH NUMBERS	8	1. Introduction 2. Number in gen form 3. Letters for digits 4. Test of divisibility 5. Summary	1 2 2 2 1
2	RATIONAL NUMBERS	08	1. Introduction 2. Properties 3. Representation on number line 4. Summary	1 3 3 1

CHITTI CREATIONS

3	LINEAR EQUATIONS IN ONE VARIABLE	07	<ol style="list-style-type: none"> 1. Introduction 2. Solving equations 3. Some applications 4. Summary 	<p style="text-align: center;">1</p> <p style="text-align: center;">2</p> <p style="text-align: center;">3</p> <p style="text-align: center;">1</p>
5	Evaluation	4	CCE EVALUATION	4

NO.OF PERIODS : 25

MONTH: September 2021

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	UNDERSTANDING QUADRILATERALS	10	<ol style="list-style-type: none"> 1. Introduction 2. Polygons 3. Types of quadrilaterals 4. Some special parallelograms 5. Problems 6. Summary 	<p style="text-align: center;">1</p> <p style="text-align: center;">2</p> <p style="text-align: center;">3</p> <p style="text-align: center;">3</p> <p style="text-align: center;">2</p> <p style="text-align: center;">1</p>
2	SQUARES & SQUARE ROOTS	10	<ol style="list-style-type: none"> 1. Introduction 2. Patterns 3. Square and sq roots 4. Problems 	<p style="text-align: center;">2</p> <p style="text-align: center;">2</p>

CHITTI CREATIONS

			5. Summary	2
				3
				1
3	ALGEBRAIC EXPRESSIONS & IDENTITIES	04	1. Introduction 2. Algebraic terms 3. Multiplication of algebraic expressions 4. Identities	1 1 1 1
4	PRACTICAL GEOMETRY	10	1. Introduction 2. Construction of quadrilaterals 3. Some special cases 4. Summary	1 4 2 1
1.	First semester examination			

MONTH: OCTOBER

ANALYSIS OF FIRST TERM EXAM EVALUATION

AND CHECKING THE HOLIDAY HOME WORK

NO.OF PERIODS:22

MONTH: NOVEMBER 2021

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	CUBES AND CUBE ROOTS	08	1. Cube roots 2. Problems 3. Summary	3 3 1

CHITTI CREATIONS

	EXPONENTS & POWERS	12	<ol style="list-style-type: none"> 1. Introduction 2. Base number and power numbers 3. Laws of exponents 4. Use of exponents 5. Summary 	<p style="text-align: right;">1</p> <p style="text-align: right;">2</p> <p style="text-align: right;">6</p> <p style="text-align: right;">2</p> <p style="text-align: right;">1</p>
3	Evaluation	4	CCE EVALUATION	4

NO.OF PERIODS: 27

MONTH: DECEMBER 2021

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	DATA HANGLING	08	<ol style="list-style-type: none"> 2. Introduction 3. Organization of data 4. Pie charts 5. Probability 6. Summary 	<p style="text-align: right;">1</p> <p style="text-align: right;">1</p> <p style="text-align: right;">2</p> <p style="text-align: right;">2</p> <p style="text-align: right;">1</p>
1	DIRECT & INVERSE PROPORTIONS	08	<ol style="list-style-type: none"> 1. Introduction 2. Direct proportion and problems 3. Inverse proportion and problms 4. Summary 	<p style="text-align: right;">1</p> <p style="text-align: right;">3</p> <p style="text-align: right;">3</p> <p style="text-align: right;">1</p>
	INTRODUCTION TO GRAPHS	08	<ol style="list-style-type: none"> 1. Introduction 2. Bar graph 3. Pie graph 4. Linear graphs 5. Summary 	<p style="text-align: right;">1</p> <p style="text-align: right;">2</p> <p style="text-align: right;">2</p> <p style="text-align: right;">2</p>

				1
2	Evaluation	3	CCE EVALUATION	3

HAPPY NEW YEAR 2022

NO.OF PERIODS: 25

MONTH: JANUARY 2022

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	FACTORISATION	10	1. Introduction 2. Factorization by grouping 3. Division of algebraic expression 4. Summary	1 3 3 1
	VISUALISING SOLID SHAPES	08	1. Introduction 2. Views of 3D shapes 3. Mapping space around us 4. Vertices, edges and faces 5. Summary	1 2 2 2 1
4	Evaluation	6	CCE EVALUATION	6

NO.OF PERIODS: 23

MONTH: FEBRUARY 2022

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	COMPARING QUANTITIES	09	1. Introductions 2. Ratio & proportion 3. Simple and compound interest 6. summary	1 2 5 1
1	MENSURATION	12	1. Introduction 2. Area of trapezium 3. Area of solids 4. Volume of solids 5. Summary	1 3 3 3 1
	Evaluation	2	CCE EVALUATION	2

NO.OF PERIODS: 25

MONTH: MARCH 2022

1	<i>REVISION</i>	15	<i>REVISION</i>	15
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NO.OF PERIODS: 24

MONTH: APRIL 2022

EXAMINATION OF SA2

Dear Sir/Madam :

This Program of Work for department purpose. Any change u can make it.

THANK YOU