

**PROGRAM OF WORK FOR THE YEAR
2020-21**

7TH STANDARD (E.M)

04-Apr-20

T.SHIVAKUMAR

7TH STANDARD ENGLISH MEDIUM

PROGRAM OF WORK FOR THE YEAR 2020-21

SUBJECT: MATHEMATICS

PREPARED BY :

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**MATHEMATICS TEACHER, MINORITY MORARJI DESAI RESIDENTIAL SCHOOL, BHUVANAHALLI, SIRA, TUMAKURU
DIST, Mobile No.9916142961**

PART-1

CHAPTER NO	UNIT NAME	ALLOTTED PERIODS
1	INTEGERS	08+02
2	FRACTIONS AND DECIMALS	02+02
3	DATA HANDLING	06+02
4	SIMPLE EQUATIONS	06+02
5	LINES AND ANGLES	08+02
6	THE TRIANGLES & ITS PROPERTIES	06+02
7	CONGRUENCE OF TRIANGLES	07+02
	CCE EVALUATION	06
	TOTAL	65

PART-2

CHAPTER NO	UNIT NAME	ALLOTTED PERIODS
8	COMPARING QUANTITIES	06+02
9	RATIONAL NUMBERS	08+02
10	PRACTICAL GEOMETRY	06+02
11	PERIMETER & AREA	07+02
12	ALGEBRAIC EXPRESSIONS	06+02
13	EXPONENTS	07+02
14	SYMMETRY	04+02
	CCE EVALUATION	08
	TOTAL	66

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

NO.OF PERIODS: 25

MONTH: JUNE 2020

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
	BRIDGE COURSE TEST			
	Evaluation	4	CCE EVALUATION	4

NO.OF PERIODS : 26

MONTH: JULY 2020

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	INTEGERS	08	1. Introduction 2. Integers and its ordering 3. Addition and subtraction of integers 4. Summary	1 3 3 1
2	FRACTIONS & DECIMALS	12	1. Introduction 2. Representation the decimals on number line 3. Conversion of decimals to fractions 4. Addition and subtraction of decimals 5. Multiplication and division of decimals 6. Summary	1 2 2 2 3 1
5	Evaluation	4	CCE EVALUATION	4

NO.OF PERIODS: 23

MONTH:AUGUST 2020

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	DATA HANDLING	10	1. Introduction 2. Collection of data and organization 3. Representation of data 4. Bar graph and pictograph 5. Summary	1 3 3 3 1
2	SIMPLE EQUATIONS	10	1. Introduction 2. Algebraic terms 3. Types of expressions 4. Basic operations on algebraic terms 5. Summary	1 2 2 2 1
4	Evaluation	4	CCE EVALUATION	4

NO.OF PERIODS : 20

MONTH: September 2020

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1.	LINES AND ANGLES	08	1. Introduction 2. Lines- points vertices and segments 3. Angles - types 4. Summary	1 2 2 2
2.	THE TRIANGLES AND ITS PROPERTIES	08	5. Introduction 6. Types of triangles 7. Formula 8. Problems 9. Summary	1 3 3 2 1
3.	CONGRUENCE OF TRIANGLES	05	10. Introduction 11. Congruence 12. Comparison of congruence 13. Summary	1 2 1 1
4.	First semester examination			

MONTH: OCTOBER

**ANALYSIS OF FIRST TERM EXAM EVALUATION
AND CHECKING THE HOLIDAY HOME WORK**

NO.OF PERIODS:23

MONTH: NOVEMBER 2020

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	COMPARING QUANTITIES	10	1. Introduction 2. Ratio and decimals 3. Conversion of decimals to fraction and vice versa 4. Problems 5. Summary	1 2 2 2 1
2	RATIONAL NUMBERS	12	7. Introduction 8. Properties of rational numbers 9. Basic operations on rational number 10. Summary	1 2 2 1
3	Evaluation	4	CCE EVALUATION	4

NO.OF PERIODS: 24

MONTH: DECEMBER 2020

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	PRACTICAL GEOMETRY	12	6. Introduction 7. Constructions of line segments 8. Constructions of triangles 9. Summary	1 3 6 1
2	PERIMETER & AREA	10	1. Introduction 2. Perimeter and area 3. Finding the different types of figures (continues in the next month)	1 2 2 2 1
2	Evaluation	4	CCE EVALUATION	4

HAPPY NEW YEAR 2021

NO.OF PERIODS: 25

MONTH: JANUARY 2021

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	PERIMETER & AREA	6	1. Finding the area and perimeter of simple figures 2. Area of circles, parallelograms and triangles 3. Perimeter of same geometrical figures 4. Summary	1 2 3 3 1
2	ALGEBRAIC EXPRESSIONS	9	1. Introduction 2. Algebraic terms 3. Basic operations 4. Types 5. Summary	1 2 2 2 1
3	Evaluation	4	CCE EVALUATION	

NO.OF PERIODS: 24

MONTH: FEBRUARY 2021

SL.NO	LESSON NAME	PERIODS	TEACHING ITEMS	PERIODS
1	SYMMETRY	10	1. Introduction 2. Line of symmetry 3. Geometrical symmetry 4. Reflection symmetry 5. Rotational symmetry 6. Summary	1 2 2 2 2 1
2	EXPONENTS	11	1. Introduction 2. Base numbers and power numbers 3. Laws of exponents 4. Problems 5. Summary	1 2 2 3 1
Revision for second semester examination				

NO.OF PERIODS: 15

MONTH: MARCH 2021

1	REVISION	15	REVISION	15
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EXAMINATION OF SA2

Dear Sir/Madam : This Program of Work for department purpose. Any change u can make it.

THANK YOU