Maths | 5225

Syllabus outline for grade – 5

ACD[2.2E][DR]

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SYLLABUS INFORMATION

Textbook	Talking Numbers Mathematics Book 5
Author	[Noshi Usman]
Publisher	[Fidem Education Network]
ISBN	[978-969-9705-04-5]

Developed by	[AFSS Team]
Affiliation	employee ✓ outsource ☐
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FIRST TERM Mathematics 5 [65 periods]	**APRIL** 20 teaching periods	Teaching Week:1/30 Week:1/52 5 periods	Teaching Week: 2/30 Week:2/52 5 periods	Teaching Week: 3/30 Week: 3/52 5 periods	Teaching Week: 4/30 Week: 4/52 5 periods	
	MAY 23 teaching periods	Teaching Week:5/30 Week:5/52 5 periods	Teaching Week: 6/30 Week:6/52 5 periods	Teaching Week: 7/30 Week: 7/52 5 periods	Teaching Week: 8/30 Week: 8/52 5 periods	Teaching Week: 9/30 Week: 9/52 3 periods
	JUNE 2 teaching periods	Teaching Week: 9/30 Week: 9/52 2 periods	**Week 10** **Holidays**	**Week 11** **Holidays**	**Week 12** **Holidays**	**Week 13** **Holidays**
	JULY	**Week 14** **Holidays**	**Week 15** **Holidays**	**Week 16** **Holidays**	**Week 17** **Holidays**	**Week 18** **Holidays**
	AUGUST 13teaching periods	**Week 18** **Holidays**	**Week 19** **Holidays**	Teaching Week: 10/30 Week:20/52 4 periods	Teaching Week: 11/30 Week:21/52 5 periods	TeachingWeek:12/30 Week:22/52 4 periods
	SEPTEMBER 7teaching periods	TeachingWeek:12/30 Week:22/52 1 periods	TeachingWeek:13/30 Week:23/52 5 periods	Teaching week:13/30. 1period. Week:24/52 Revision week	**Week 25** 1st Term Examinations	**Week 26** 1st Term Examinations and Result.

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SECOND TERM **Mathematics 5 [85 periods]**	**OCTOBER** 22teaching periods	TeachingWeek:14/30 Week:27/52 5 periods	TeachingWeek:15/30 Week: 28/52 5 periods	TeachingWeek:16/30 Week: 29/52 5 periods	TeachingWeek:17/30 Week: 30/52 5 periods	TeachingWeek:18/30 Week: 31/52 2 periods
	NOVEMBER 22teaching periods	TeachingWeek:18/30 Week: 31/52 3 periods	TeachingWeek:19/30 Week:32/52 5 periods	TeachingWeek:20/30 Week:33/52 5 periods	TeachingWeek:21/30 Week:34/52 5 periods	TeachingWeek:22/30 Week:35/52 4 periods
	DECEMBER 6teaching periods	TeachingWeek:22/30 Week:35/52 1 periods	TeachingWeek:23/30 Week:36/52 5 periods	**Week 37** 2nd Mid term exams	**Week 38** 2nd Mid term exams	**Week 39** **Holidays**
	JANUARY 23teaching periods	TeachingWeek:24/30 Week:40/52 5 periods	TeachingWeek:25/30 Week:41/52 5 periods	TeachingWeek:26/30 Week:42/52 5 periods	TeachingWeek:27/30 Week:43/52 5 periods	TeachingWeek:28/30 Week:44/52 3 periods
	FEBRUARY 12teaching periods	TeachingWeek:28/30 Week: 44/52 2 periods	TeachingWeek:29/30 Week:45/52 5periods	TeachingWeek:30/30 Week:46/52 5 periods	**Week 47** **Revision Work**	**Week 48** **Revision Work**
	MARCH	**Week 48** **Revision Work**	**Week 49** **Examinations**	**Week50** **Examinations**	**Week 51** **Examinations**	**Week 52** **Holidays**

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FIRST TERM | UNITS OR CHAPTER DISTRIBUTION WITHIN 13 WEEKS OF THIS TERM.

APRIL	W1 [1/13 | 1/30]	W2 [2/13 | 2/30]	W3 [3/13 | 3/30]	W4 [4/13 | 4/30]
	Unit#1 The next number Page # 6-14	Unit#1 The next number Unit#2 Addition and subtraction. Page # 14-23	Unit#2 Addition and subtraction. Unit#3, Multiplication. Page# 14-28	Unit#3 Multiplication Page No. 29-34

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MAY	W5 [5/13 | 5/30] Unit#3 Multiplication. Unit#4, Factors and multiples. Page#29-41	W6 [6/13 | 6/30] Unit#4, Factors and multiples. Page# 37-46	W7 [7/13 | 7/30] Unit#4, Factors and multiples. Unit#5 Properties of Four Operations. Page# 42-53	W8 [8/13 | 8/30] Unit#5 Properties of Four Operations. Page# 48-55
JUNE	W17 [9/13 | 9/30] Unit#5 Properties of Four Operations. Unit#6, Fractions. Page# 54-59	W10 Holidays	W11 Holidays	W12 Holidays
JULY	W13 Holidays	W14 Holidays	W15 Holidays	W16 Holidays
AUGUST	W17 Holidays	W18 Holidays	W18 [10/13 | 10/30] Unit#6, Fractions. Page# 56-64	W19 [11/13 | 11/30] Unit#6, Fractions. Page# 60-67
SEPTEMBER	W20 [12/13 | 12/30] Unit#6, Fractions. Page# 64-73	W21 [13/13 | 13/30] Unit#1 to Unit#6.(Revision and test). Page# 06-73	W23 Examinations	W24 Examinations

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SECOND TERM | UNITS OR CHAPTER DISTRIBUTION WITHIN 17 WEEKS OF THIS TERM.

OCTOBER	**W25 [1/17	14/30]** Unit#7: Decimals Page#74-80	**W26 [2/17	15/30]** Unit#7: Decimals Page#74-86	**W27 [3/17	16/30]** Unit#7: Decimals Page#81-91	**W28 [4/17	17/30]** Unit#7: Decimals Page#87-95
NOVEMBER	**W29 [5/17	18/30]** Unit#1-7: Review and Division. Page#96-103	**W30 [6/17	19/30]** Unit#8: Percentage, ratio and average. Page# 104-109	**W31 [7/17	20/30]** Unit#8: Percentage, ratio and average. Unit#9, Money profit and loss. Page# 104-116	**W32 [8/17	21/30]** Unit#8: Percentage, ratio and average. Unit#9, Money profit and loss. Page# 110-121
DECEMBER	**W33 [9/17	22/30]** Unit#9, Money profit and loss. Unit#10, Time, distance and temperature. Page# 116-129	**W34 [10/17	23/30]** Unit#10, Time, distance and temperature. Unit#11, Geometry. Page# 122-140	**W35** Holidays	**W36** Holidays
JANUARY	**W37 [11/17	24/30]** Unit#11, Geometry. Page# 136-151	**W38 [12/17	25/30]** Unit#11, Geometry. Page# 145-161	**W39 [13/17	26/30]** Unit#11, Geometry. Unit#12, Statistics and graphs. Page# 152-172	**W40 [14/17	27/30]** Unit#12, Statistics and graphs. Unit#13, Algebra. Page# 174-187
FEBRUARY	**W41 [15/17	28/30]** Unit#13, Algebra. Units#8-13, Review and revision. Page# 181-201	**W42 [16/17	29/30]** Unit#7: Decimals to Unit#10, Time, distance and temperature. Page# 76-135	**W43 [17/17	30/30]** Unit#11, Geometry to Units#8-13, Review and revision. Page# 136-201	**W44** Revision Work
MARCH	**W45** Revision Work	**W46** Examinations	**W47** Examinations	**W48** Holidays

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PERIOD ALLOCATION TABLE

PUNJAB, KPK AND BALUCHISTAN REGIONS

SUBJECT	PERIODS PER WEEK	PERIODS PER ANNUM	DURATION
English I to VIII			
Mathematics I to VIII	5	150	
Urdu I to VIII			
Science I to VIII			
Social Studies I to VIII	4	120	40 min
Computers I to VIII			
Islamiyat I to VIII	3	90	
Art & Activity I to VIII			

SINDH REGION

SUBJECT	PERIODS PER WEEK	PERIODS PER ANNUM	DURATION
English I to VIII			
Mathematics I to VIII	5	150	
Urdu I to VIII			
Science I to VIII			
Social Studies I to VIII	4	120	40 min
Computers I to VIII			
Islamiyat I to VIII	3	90	
Sindhi + Art & Activity I to VIII	2+1	60+30	

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PLANNING WEEK

1 /13   **1** /30

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Mathematics	Class-5 | 40 min		TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#1, The next number.	
April	**Week 1**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
3-April-17	07-Apr-17	1.	**Periods or intervals.** **Page # 6-7**	●Introduction and Explanation of the Topic: periods and intervals. ●Understanding and solution of the Q 1, 2 and3.
		2.	**Comparing numbers.** **Page # 8-9**	●Understanding of the Topic: Comparing numbers by practicing examples and the Q 1 and Q 2.
		3.	**Even numbers, odd numbers and number patterns. Rounding off the numbers. Page # 10-11**	●Explanation and Understanding of the Even and Odd numbers and solution of practicing Q1. ●Explanation and Understanding of Topic: Rounding off nearest 10, 100 and 1000 by practicing Q 1.
		4.	**Rounding off the numbers to the nearest 10,000 or 100,000 or 1,000,000. Page # 11-12**	●Explanation and Understanding of Topic: Rounding off nearest 10,000 and 100,000 or 1,000,000 by practicing Q 1.
		5.	**Divisibility test. Page# 13-14**	●Understanding of Divisibility test by practicing Q1 and2.

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Syllabus Breakup for Grade 5 | ACD[2.2E][DR]-5225

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PLANNING WEEK

2 /13   **2** /30

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Mathematics	Class-5 | 40 min		TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	**WEEK**	**PN**	**Unit#1, The next number.** **Unit#2, Addition and subtraction.**	
April	**Week 2**	[150]	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
05-Apr-15	10-Apr-15	6.	**Prime numbers and composite numbers.** **Page #14-15** **Square of number.**	●Define and explain the prime and composite numbers. ●Understanding and solution of Q 1. ●Understanding of the square and cube of the numbers and fill in the blanks.
		7.	**Integers.** **Page #16-17**	●Understanding of integers, negative and positive integers by practicing Q1.
		8.	**Integers on a number line.** **Page# 18-19** **Comparing integers.**	●Understanding of the Topic: Integers on number line and solution of the sums. ●Write down the missing numbers on the number line. ●Introduction and explanation of the Comparing integers through examples. ●Understanding and solution of Q 1&2.
		9.	**Addition and subtraction.** **Page # 21-22**	●Recall the addition and subtraction facts by solving the Q 1,2 ,3and4.
		10.	**Addition and subtraction.** **Page #22-23**	●Understanding and Solution of Q 5 & 6. ●Fill in the missing numbers. ●Write the given questions in vertical form and solve them.

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PLANNING WEEK

3 **/13** **3** **/30**

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Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#2 Addition and Subtraction. Unit#3, Multiplication.	
April	**Week 3**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
13-Apr-15	17-Apr-15	11.	**Prime numbers and composite numbers to Addition and Subtraction.** **Page# 14-23**	●Test of few sums of exercises.
		12.	**Estimation.** **Page # 23-25**	●Understanding and solution of Q 1 about estimation.
		13.	**Read and solve.** **Page # 25**	●Understanding and Solution of Q 2.
		14.	**Multiplication.** **Page # 26-27**	●Recall multiplication and division facts to solve the Q1. ●Find the product of the given sums by place value partitioning methods.
		15.	**Multiplication.** **Page # 28**	●Recall multiplication and division facts to solve the Q2. ●Find the quotient and remainder by place value partitioning methods.

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PLANNING WEEK

4 /13   **4** /30

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Mathematics	Class-5 | 40 min	TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a			II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#3 Multiplication.		
April	**Week 4**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**		**WORKBOOK OR ACTIVITY CONTENTS**
20-Apr-15	24-Apr-15	16.	**Multiplication.**	**Page # 29**	●Understanding and solution of Q 3 of multiplication and division.
		17.	**Multiplication with 3-digit multiplier and division with 3-digit divisor.**	**Page#29-30**	●Understanding and solution of Q 1 of multiplication. ●Find the product of each of the given equations.
		18.	**Vertical Division.**	**page#31**	●Understanding and solution of Q 1 of division. ●Find the quotient and remainder for the given questions.
		19.	**Estimation to find product or quotient.**	**page# 33-34**	●Understanding of rounding off the numbers and solution of Q1.
		20.	**Estimation to find product or quotient.**	**page# 33-34**	●Understanding of rounding off the numbers and solution of Q2.

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PLANNING WEEK

5 /13   **5** /30

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Mathematics	Class-5 | 40 min	TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a			II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#3 Multiplication. Unit#4 Factors and multiples.	
May	**Week 1**	[150]	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
27-Apr-15	01-May-15	21.	**Multiplication.** **Page#29-34**	●Test of few sums of exercises of multiplication.
		22.	**Estimation to find product or quotient.** **page# 34-35**	●Understanding and solution of Q 3. ●Read and understand the given table of item sold and quantity and write the answers of the given questions.
		23.	**Factors and multiples.** **page# 36-38**	●Understanding and solution of Factors by listing the factors of given numbers of Q1.
		24.	**Factors and multiples.** **page# 39**	●Understanding and solution of multiples by listing 1st eight multiples of given numbers of Q2.
		25.	**Prime factorization.** **Page# 39-41**	●Understanding of prime factorization through examples. ●Draw factor tree of Q1 to find the prime factors of the given numbers.

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PLANNING WEEK

6 /13   **6** /30

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THIS IS OUR NEW TEACHING WEEK. PLAN IT CAREFULLY. FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.

Mathematics	Class-5	40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w	150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#4 Factors and multiples.	
May	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
04-May-15	08-May-15	26.	**Factors and multiples.** page# 37-41	●Test of few sums of factors and multiples and prime factorization.
		27.	**Factors and multiples.** page# 41	●Understanding and solution of Q2. ●Express the product of prime factors in index notation by drawing factor table for the given numbers.
		28.	**Highest common factor-least common multiple by listing of factors and multiples.** Page# 42-43	●Find the HCF and LCM of the given numbers by listing factors of examples and Q1.
		29.	**Highest common factor-least common multiple by listing of factors and multiples.** Page#43-44	●Understanding and solution of Q 1. ●Fill in the factor tree diagrams to find the HCF and LCM of the given pairs of numbers.
		30.	**Highest common factor and least common multiple.** spage# 45-46	●Find the HCF and LCM of the given numbers by making factor tables.

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PLANNING WEEK

7 /13   **7** /30

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Mathematics	Class-5	40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w	150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#4 Factors and multiples. Unit#5, Properties of four operations.	
May	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
11-May-15	15-May-15	31.	**HCF and LCM.** **page#42-46**	●test of few sums of HCF and LCM.
		32.	**Read and solve.** **page# 47**	●Understanding and solution of the word problem about HCF and LCM.
		33.	**Properties of four operations.** **page# 48-50**	Understanding of four operation +,-×,÷.●Recall the commutative and associative property of addition and multiplication by practicing Q1.
		34.	**Distributive Property.** **page# 50-51**	●Understanding of distributive property of multiplication by practicing Q1 and2.
		35.	**Order of operations with whole numbers, fractions and decimals.** **page# 52-53**	●Revise the DMAS rule by practicing Q1.

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PLANNING WEEK

8 /13   **8** /30

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5225

SUBJECT PERIODS	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#5, Properties of four operations.	
May	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
18-May-15	22-May-15	36.	**Properties of four operations.**　　　　page#48-53	●Test of few sums of Properties of four operations. ●Revise the DMAS rule by practicing Q1.
		37.	**Order of operation s with brackets.**　　page# 54-55	●Understanding of 'BIDMAS' rule by practicing few sums of Q1.
		38.	**Order of operation s with brackets.**　　page# 54-55	●Understanding of 'BIDMAS' rule by practicing few sums of Q1.
		39.	**Read and solve.**　　　　　　　　　page# 55	●Understanding and solution of the Q2.
		40.	**Read and solve.**　　　　　　　　　page# 55	●Understanding and solution of the Q2.

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PLANNING WEEK

9 /**13**   **9** /**30**

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Mathematics	**Class-5 | 40 min**	**TERM INFORMATION**		**I**	**Apr-Sep**	**13 weeks**	**1 to 13**	**65 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**17 weeks**	**14 to 30**	**85 periods**

MONTH	**WEEK**	**PN**	**Unit#5, Properties of four operations. Unit#6, Fractions.**	
June	**Week 1**	[150]	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
25-May-15	29-May-15	41.	**Order of operation s with brackets and Read and solve. page# 54-55**	●Test of few sums of BIDMAS Rule.
		42.	**Fractions, mixed numbers, equivalent fractions, addition and subtraction. page# 56-57**	●Understanding and solution of Q 1, 2 and3. ●Write the fractions or a mixed number for the given figures. ●Understanding and solution of sums of converting mixed numbers into improper fraction and improper fraction into mixed numbers by practicing Q 2and 3.
		43.	**Fractions, mixed numbers, equivalent fractions, addition and subtraction. page# 58**	●Understanding and solution of Q 4, and6. ●Identify the equivalent fractions. ●Write down the reciprocal for each fraction or numbers
		44.	**Fractions, mixed numbers, equivalent fractions, addition and subtraction. page# 58**	●Understanding and solution of Q 5. ●Rewrite each fraction in its simplest form.
		45.	**Fractions, mixed numbers, equivalent fractions, addition and subtraction. page# 59**	●Understanding and solution of the sums of addition and subtraction of like, unlike fractions and mixed numbers by practicing Q 7and 8.

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PLANNING WEEK

10 /13   10 /30

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Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#6, Fractions.	
August	**Week 1**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
03-Aug-15	07-Aug-15	46.	**Fractions.** **Page#56-59**	●Test of few sums of fractions.
		47.	**Addition and subtraction of mixed numbers with unlike denominators.** **Page# 60-61**	●Understanding and solution of the sums of addition and subtraction of mixed numbers with different denominators by practicing Q 1.
		48.	**Addition and subtraction of mixed numbers with unlike denominators.** **Page# 60-61**	●Understanding and solution of the sums of addition and subtraction of mixed numbers with different denominators by practicing Q 2.
		49.	**Read and solve.** **Page# 62**	●Understanding and solution of word problems.
		50.	**Multiplication of fractions.** **Page#63-64**	●Understanding of the fraction can be multiplied with a whole number and with a fraction by practicing Q1.

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PLANNING WEEK

11 /13   11 /30

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SUBJECT CODE
5225

Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#6, Fractions.	
August	**Week 2**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
10-Aug-15	14-Aug-15	51.	**Fractions. Page#60-64**	●Test of few sums of fractions.
		52.	**Multiplication of fractions. Page# 64**	●Understanding of the fraction can be multiplied with a whole number and with a fraction by practicing Q 2.
		53.	**Division of the fractions (Dividing a whole number by a fraction) Practice D. Page# 65-66**	●Understanding of the fraction can be dividing with a whole number and with a fraction by practicing Q 1.
		54.	**Division of the fractions (Dividing a whole number by a fraction) Practice D. Page# 67**	●Understanding of the fraction can be dividing with a whole number and with a fraction by practicing Q 2.
		55.	**Multiplication and division of mixed number. Page# 67**	●Understanding and solution of the sums of multiplication and division of the mixed numbers.

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PLANNING WEEK

12 /13   12 /30

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SUBJECT CODE
5225

Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#6, Fractions.		
August	**Week 3**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**		**WORKBOOK OR ACTIVITY CONTENTS**
17-Aug-15	21-Aug-15	56.	**Fractions.**	**Page# 64-67**	●Test of few sums of fractions.
		57.	**Problem solving with models.**	**Page# 68-69**	●Understanding and solution of the problems with the help of models. ●Read the questions, draw models and then solve.
		58.	**Problem solving with models.**	**Page# 68-69**	●Understanding and solution of the problems with the help of models. ●Read the questions, draw models and then solve. .
		59.	**BIDMAS and fractions or mixed numbers.**	**page# 70-73**	●Understanding and solution of the examples and sums of mathematical sentences of fractions or mixed numbers by applying DMAS and BIDMAS rule.
		60.	**BIDMAS and fractions or mixed numbers.**	**page# 70-73**	●Understanding and solution of the examples and sums of mathematical sentences of fractions or mixed numbers by applying DMAS and BIDMAS rule.

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PLANNING WEEK

13 /13   **13** /30

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		SUBJECT CODE
		5225

Mathematics	**Class-5 | 40 min**	**TERM INFORMATION**		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	**WEEK**	**PN**	**Unit#1, the next number to Unit#6, Fractions.**	
August	**Week 4**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
24-Aug-15	28-Aug-15	61.	**The next number.** **page#6-19**	Revision and test of the sums of Number System.
		62.	**Addition and Subtraction and Multiplication and division.** **page#20-35**	Revision and test of addition and Subtraction , multiplication and division sums.
		63.	**Factors and multiples.** **page# 36-47**	Revision and test of the sums of factors and multiples.
		64.	**Properties of four operations.** **page# 48-55**	Revision and test of the sums of Properties of four operations.
		65.	**Fractions.** **page# 56-73**	Revision and test of the sums of Fractions.

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PLANNING WEEK

1 /17   14 /30

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SUBJECT CODE
5225

Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#7, Decimals.	
September	**Week 1**	[150]	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
31-Aug-15	04-Sep-15	66.	**Decimals.** page# 74-75	●Recall the decimals that are special fractions with denominator 10, 100 and 1000. ●understanding and solution of Q1. ●Write the decimal and fraction for the given figures.
		67.	**Converting fractions and mixed numbers into decimals and decimals into fractions and mixed numbers.** page# 76-77	●Understanding converting fractions and mixed numbers into decimals and decimals into fractions and mixed numbers through examples. ●Understanding and solution of Q1,2 and 3 of practice B.
		68.	**Writing decimal numbers.** page# 77-78	●Understanding and solution of the Q 1 and 2 of Practice C. ●Convert the given fractions into decimal numbers. ●Convert the given decimal into fractions and reduce the fractions into its simplest form.
		69.	**Comparing decimal and fractions.** page#78-79	●Understanding of comparing decimal and fractions by solution of the sums of Q 1 and 2.
		70.	**Addition and Subtraction of decimal numbers. Page# 80**	●Understanding of addition and subtraction of decimal numbers by solution of the sums of Q 1.

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PLANNING WEEK

2 /17   **15** /30

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SUBJECT CODE
5225

Mathematics	Class-5	40 min	TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w	150 p/a			II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	**Unit#7, Decimals.**	
October	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
05-Oct-15	09-Oct-15	71.	**Decimals.** page# 74-80	●Test of few sums of decimals through work sheet.
		72.	**Multiplication and division with 10 or multiples of 10. Page# 81-82**	●Understanding of multiplication and division of decimal numbers with whole numbers through solution of the sums of Q 1.
		73.	**Multiplication and division of decimal numbers. Page# 83-84**	●Recall multiplication and division of decimal numbers through examples. ●Understanding and solution of the Q 1.
		74.	**Multiplying by a decimal multiplier. Page# 84-85**	●Understanding and solution of the sums of Multiplying by a decimal multiplier of Q 1 & 2.
		75.	**Dividing by a decimal divisor. Page# 86**	●Understanding of Dividing by a decimal divisor through examples and Q1.

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PLANNING WEEK

3 /17   **16** /30

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Mathematics	Class-5 | 40 min	**TERM INFORMATION**		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	**Unit#7, Decimals.**		
October	**Week 2**	[150]	**TOPIC CONTENT & PAGE NUMBER**		**WORKBOOK OR ACTIVITY CONTENTS**
12-Oct-15	16-Oct-15	76.	**Decimals.**	**page# 81-86**	●Test of few sums of decimals through work sheet.
		77.	**Division with unequal decimal places.**	**Page# 87**	●Understanding of Division with unequal decimal places by practicing examples and Q 1.
		78.	**Read and solve.**	**Page# 88**	●Understanding and solution of word problems.
		79.	**Read and solve.**	**Page# 88-89**	●Understanding and solution of word problems.
		80.	**Rounding off to 1 and 2 decimal places.**	**Page# 90-91**	●Understanding and solution of Q 1 of rounding off up to 1 and 2 decimal places.

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PLANNING **WEEK**

4 /17   **17** /30

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SUBJECT CODE
5225

Mathematics	Class-5	40 min	TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w	150 p/a			II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#7, Decimals.	
October	**Week 3**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
19-Oct-15	23-Oct-15	81.	**Decimals.** **page# 87-91**	●Test of few sums of decimals through work sheet.
		82.	**Rounding off to 1 and 2 decimal places.** **Page# 92**	●Understanding and solution of Q 2 of rounding off up to 1 and 2 decimal places.
		83.	**BIDMAS with decimals numbers.** **Page#92-93**	●Understanding and solution of Q 1 and 2. ●Solve the decimal numbers with indices. ●Simplify the mathematical sentences using BIDMAS rule.
		84.	**Read and solve** **page# 93-95**	●Understanding and solution of word problems. ●Revision and test of few sums of the review and revision
		85.	**Decimals.** **page# 92-95**	●Test of few sums of decimals through work sheet.

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PLANNING WEEK

5 /17   **18** /30

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SUBJECT	Class-5	40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
PERIODS					II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Units#1-7, Review and revision.		
October	**Week 4**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**		**WORKBOOK OR ACTIVITY CONTENTS**
26-Oct-15	30-Oct-15	86.	**Review and revision.**	**page# 96-97**	●Revision and test of few sums of the review and revision.
		87.	**Review and revision.**	**page# 98-99**	●Revision and test of few sums of the review and revision.
		88.	**Review and revision.**	**page# 100-101**	●Revision and test of few sums of the review and revision.
		89.	**Review and revision.**	**page# 102-**	●Revision and test of few sums of the review and revision.
		90.	**Review and revision.**	**page# 103**	●Revision and test of few sums of the review and revision.

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PLANNING WEEK

6 /**17**   **19** /**30**

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			SUBJECT CODE
			5225

Mathematics	**Class-5 | 40 min**	**TERM INFORMATION**	**I**	**Apr-Sep**	**13 weeks**	**1 to 13**	**65 periods**
5 periods p/w | 150 p/a			**II**	**Oct-Mar**	**17 weeks**	**14 to 30**	**85 periods**

MONTH	**WEEK**	**PN**	**Unit#8, Percentages, ratio and average.**	
November	**Week 1**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
02-Nov-15	06-Nov-15	91.	**Percentage in figures.** **page# 104-106**	●Explain and define the percentage. ●Understand and write the percentage of the given figures of shaded parts.
		92.	**Percentage in fraction and decimal.** **page# 106-107**	●Understanding and solution of Q1 and2. ●Fill in the missing percentages, fractions or decimal numbers. ●Write down the following percentages as a fractions in the simplest form.
		93.	**Percentage of a quantity.** **page#108**	●Understanding of finding percentage of a quantities by solution of Q1.
		94.	**Read and solve.** **page# 108**	●Understanding and solution of word problems of percentage.
		95.	**Compare Percentages.** **page#109**	●Understanding of compare Percentages by fill in the blanks with < , > , =. ●Arrange the group of numbers in descending order by converting each value in percentage.

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PLANNING WEEK

7 /**17**   **20** /**30**

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Mathematics	**Class-5	40 min**	**TERM INFORMATION**		**I**	**Apr-Sep**	**13 weeks**	**1 to 13**	**65 periods**
**5 periods p/w	150 p/a**				**II**	**Oct-Mar**	**17 weeks**	**14 to 30**	**85 periods**

MONTH	**WEEK**	**PN**	**Unit#8, Percentages, ratio and average. Unit#9, Money, profit and loss.**	
November	**Week 2**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
09-Nov-15	13-Nov-15	96.	**Percentage.** **page# 104-109**	●Test of few sums of decimals through work sheet.
		97.	**Average.** **page# 110-111**	●Define and explain average through examples. ●Understanding and solution of Q 1 and 2 of averages.
		98.	**Ratio** **page# 112-113**	●Define and explain Ratio through examples and sums of Q1. ●Understand the word problems and complete the ratio tables.
		99.	**Money, profit and loss (Practice A).** **page#114-115**	●Understanding and solution of Q 1,2 and 3. ●Round off the money. ●Arrange the money in ascending order. ●Divide the given amount of money and give the answer in paisa, cents or pence.
		100.	**Money, profit and loss (Practice A).** **page#116**	●Understanding and solution of Q 4:Find out the total money spent for each of the shopping bills.

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PLANNING WEEK

8 /17   **21** /30

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Mathematics	**Class-5	40 min**	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
**5 periods p/w	150 p/a**				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	**WEEK**	**PN**	**Unit#8, Percentages, ratio and average. Unit#9, Money, profit and loss.**	
November	**Week 3**	[150]	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
16-Nov-15	20-Nov-15	101.	**Average to Money, profit and loss(Practice A). page#110-116**	●Test of few sums of Average to Money, profit and loss through work sheet.
		102.	**Unit price and better buy.** page#116-118	●Understanding of Unit price and better buy through examples and solution of Q1 and2.
		103.	**Cost price and selling price, profit and Loss. page#118-119**	●Recall the Cost price and selling price, profit and Loss by solution of Q1.
		104.	**Calculating profit and Loss in percentage. page#119-120**	●Understanding of the percentage profit and loss by finding out the percentage profit and percentage loss of Q1 and 2 (a,b,c) parts.
		105.	**Read and solve.** page# 121	●Understanding and solution of Q2 of word problems of percentage profit and loss.

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PLANNING WEEK

9 /17   **22** /30

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SUBJECT CODE
5225

Mathematics	**Class-5	40 min**	**TERM INFORMATION**	I	Apr-Sep	13 weeks	1 to 13	65 periods
**5 periods p/w	150 p/a**			II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	**WEEK**	**PN**	**Unit#9, Money, profit and loss. Unit#10, Time, distance and temperature.**	
November	**Week 4**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
23-Nov-15	27-Nov-15	106.	**Money, profit and loss.** **page#116-121**	●Test of few sums of Average to Money, profit and loss through work sheet.
		107.	**Let's review time!** **page# 122-123**	●Revise the time by adding and subtracting the given time intervals.
		108.	**Elapsed Time.** **Page# 123-125**	●Understanding of the Elapsed Timing by practicing Q 1,2 and 3.
		109.	**Expressing time in fractions and decimals.** **page#126-127**	●Understanding and solution of Q 3. ●Understanding and solution of Q 1 of expressing time in fractions and decimals.
		110.	**Read and solve.** **page# 128-129**	●Understanding and solution of word problems of time.

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PLANNING WEEK

10 /17   **23** /30

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SUBJECT CODE
5225

Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#10, Time, distance and temperature. Unit# 11, Geometry.	
December	**Week 1**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
30-Nov-15	04-Dec-15	111.	**Time, distance and temperature.** **page# 122-129**	●Test of few sums of Time, distance and temperature through work sheet.
		112.	**Practice D and Time and Distance.** **Page# 130-131**	●Understanding and solution of Q1. ●Understanding of time, distance and speed through formula and solution of Q 1 and2.
		113.	**Temperature.** **page#132-135**	●Understanding of Temperature through examples and solution of Q 1 of Practice F and G.
		114.	**Angle.** **page#136-137**	●Define and explain the acute, obtuse, Right and straight line angles. ●Measure the given angles as acute, obtuse, Right and straight line angles by using protector.
		115.	**Reflex angle.** **page#138-140**	●Define and explain reflex angles. ●Draw and measure the reflex angles of Q1 and 2 using protector.

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PLANNING WEEK

11 /17   24 /30

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SUBJECT CODE
5225

Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit# 11, Geometry.	
December	**Week 2**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
07-Dec-15	11-Dec-15	116.	**Acute, obtuse, Right and straight line angles Reflex angle. page#136-140**	●Test of definitions of acute, obtuse, Right, straight line angles and Reflex angle and questions.
		117.	**Parallel and perpendicular lines and Polygons. page#140-144**	●Understanding of Parallel and perpendicular lines and polygons through examples and sums.
		118.	**Triangles. page#145-149**	●Understanding and construction of triangles and quadrilaterals through examples and sums.
		119.	**Triangles. page#148-149**	●Understanding and construction of square and rectangle through examples and sums.
		120.	**Practice E. page#150-151**	Understanding and solution of Q 2, 3 and 4.

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PLANNING WEEK

12 /17   25 /30

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5225

Mathematics	Class-5 | 40 min	TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a			II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit# 11, Geometry.	
December	**Week 3**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
14-Dec-15	18-Dec-15	121.	**Geometry.** page# 145-151	●Test of construction of triangles, quadrilaterals, square and rectangle of geometry.
		122.	**Perimeter and Area.** Page# 152-154	●Define and explain the perimeter, Area, through examples and Find the perimeter and area of the given grids and different shapes of Q1 and 2.
		123.	**Finding the length and area of the square.** **Finding the width and area of the rectangle. (when perimeter is known).** page# 155	●Understanding of the finding the length and area of the square (when perimeter is known) through Q3. ●Understanding of the finding the width and area of a rectangle (when perimeter is known) through Q4.
		124.	**Circle and circumference.** Page# 156-158	●Define and explain the circle, radius, diameter and circumference through examples and solution of Q1,2 and3 ●Find the circumference with given diameter and radius of Q1 and2.
		125.	**Volume of Cube and cuboid.** page# 159-161	●Understanding of finding the volume of cube and cuboid by practicing Q1 and2. ●Understanding of the line of symmetry by solution of Q1 and2.

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PLANNING WEEK

13 /17   26 /30

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SUBJECT CODE
5225

Mathematics	Class-5 | 40 min		TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit# 11, Geometry. Unit#12, Statistics and graphs.	
January	**Week 1**	[150]	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
04-Jan-16	08-Jan-16	126.	**Perimeter and Area to Volume of Cube and cuboid. page# 152-161**	●Test of few sums of perimeter and Area to Volume of Cube and cuboid.
		127.	**Mean, Median, Mode and Range. Page# 163-166**	●Understanding of the mean, median, mode and range through formula and examples. ●Find the mean, median, mode and range of the Q 1 (all parts).
		128.	**Mean, Median, Mode and Range. Page# 166**	●Find the mean, median, mode and range of the Q 2 and 3.
		129.	**Line graph and Bar graph. Page# 167-168**	●Understanding and explanation of bar graphs and line graphs ●Understanding and solution of the sums of line graph and bar graph.
		130.	**Drawing of Bar graph and line graph. Page# 169-172**	●Understanding and drawing of histogram and pie chart with given information in sums.

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PLANNING WEEK

14 /17   27 /30

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SUBJECT CODE
5225

Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#12, Statistics and graphs. Unit#13, Algebra.	
January	**Week 2**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
11-Jan-16	15-Jan-16	131.	**Coordinate graph is made on a grid.** **Page#174-176**	●Understanding and drawing of points on the coordinate graph through sums.
		132.	**Probability.** **Page# 177-179**	●Explanation and understanding of the definition of Probability, equal chance, impossible, likely, unlikely, certain events by solving Q1 and 2.
		133.	**Using alphabets to write expressions.** **Page# 181-182**	●Write down the algebraic expression using alphabets according to the given expression in words by solution of Q1 and 2.
		134.	**Like and unlike terms to addition and subtraction of expression. Page#184-185**	●Understanding and solution of sums. ●Write down correct expression by adding the quantities given in each part ●Simplify the given expressions.
		135.	**Equivalent expression and Equations.** **Page#186-187**	●Understanding and solution of sums of equivalent expressions and equations.

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PLANNING WEEK

15 /17   **28** /30

THIS IS OUR NEW TEACHING WEEK. PLAN IT CAREFULLY. FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.

SUBJECT CODE
5225

Mathematics	Class-5 | 40 min		TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a					II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#13, Algebra. Units#8-13, Review and revision.	
January	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
18-Jan-16	22-Jan-16	136.	Algebra. Page#181-187	●Test of few sums of Algebra.
		137.	Review and revision. Page#188-190	●Revision and Test of work pages of review and revision.
		138.	Review and revision. Page#191-193	●Revision and Test of work pages of review and revision
		139.	Review and revision. Page#194-197	●Revision and Test of work pages of review and revision
		140.	Review and revision. Page#198-201	●Revision and Test of work pages of review and revision

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PLANNING WEEK

16 /17   **29** /30

		SUBJECT CODE
		5225

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Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#7, Decimals to Unit#10, Time, distance and temperature.		
January	**Week 4**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**		**WORKBOOK OR ACTIVITY CONTENTS**
25-Jan-16	29-Jan-16	141.	**Decimals.**	**Page# 76-93**	●Revision and test of few sums of 'decimals'.
		142.	**Review and revision.**	**Page#94-105**	●Revision and test of few sums of 'Review and revision'.
		143.	**Percentage, ratio and average.**	**Page#106-115**	●Revision and test of few sums of 'Percentage, ratio and average'.
		144.	**Money, profit and loss.**	**Page#116-122**	●Revision and test of few sums of 'Money, profit and loss'.
		145.	**Time , distance and temperature.**	**Page#123-135**	●Revision and test of few sums of 'Time , distance and temperature'.

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PLANNING WEEK

17 /17   30 /30

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SUBJECT CODE
5225

Mathematics	Class-5 | 40 min	TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w | 150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods

MONTH	WEEK	PN	Unit#11, Geometry to Units# 8-13.Review and revision.	
February	**Week 1**	**[150]**	**TOPIC CONTENT & PAGE NUMBER**	**WORKBOOK OR ACTIVITY CONTENTS**
01-Feb-16	05-Feb-16	146.	**Geometry.** **Page# 136-149**	●Revision and test of few sums of 'Geometry'.
		147.	**Geometry.** **Page# 150-162**	●Revision and test of few sums of 'Geometry'.
		148.	**Statistics and graph.** **Page# 163-180**	●Revision and test of few sums of 'Statistics and graph. .
		149.	**Algebra.** **Page#181-187**	●Revision and test of few sums of 'Algebra'.
		150.	**Review and revision.** **Page#188-201**	●Revision and test of few sums of 'Review and revision'.

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