Syllabus Breakdown
Mathematics Grade 4

Teaching weeks per annum

For the regions where academic session begins in **April**

FIRST TERM: APRIL – SEPTEMBER

Expected Teaching Weeks

April	Teaching Week 1	Teaching Week 2	Teaching Week 3	Teaching Week 4
May	Teaching Week 5	Teaching Week 6	Teaching Week 7	**First Midterm Examination**
June	*Summer Vacation*	*Summer Vacation*	*Summer Vacation*	*Summer Vacation*
July	*Summer Vacation*	*Summer Vacation*	*Summer Vacation*	*Summer Vacation*
August	Teaching Week 8	Teaching Week 9	Teaching Week 10	Teaching Week 11
September	Teaching Week 12	Teaching Week 13	**Midterm Examination**	**Mid Term Examination**

SECOND TERM: OCTOBER – MARCH

Expected Teaching Weeks

October	Teaching Week 14	Teaching Week 15	Teaching Week 16	Teaching Week 17
November	Teaching Week 18	Teaching Week 19	Teaching Week 20	Teaching Week 21
December	Teaching Week 22	**Second Midterm Examination**	*Winter Vacation*	*Winter Vacation*
January	Teaching Week 23	Teaching Week 24	Teaching Week 25	Teaching Week 26
February	Teaching Week 27	Teaching Week 28	Teaching Week 29	Teaching Week 30
March	*Revision Work*	**Annual Examination**	**Annual Examination**	*PTM & Annual Day*

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Teaching weeks per annum

For the regions where academic session begins in **August**

FIRST TERM: AUGUST – DECEMBER

Expected Teaching Weeks

August	Teaching Week 1	Teaching Week 2	Teaching Week 3	Teaching Week 4
September	Teaching Week 5	Teaching Week 6	Teaching Week 7	**First Midterm Examination**
October	Teaching Week 8	Teaching Week 9	Teaching Week 10	Teaching Week 11
November	Teaching Week 12	Teaching Week 13	Teaching Week 14	Teaching Week 15
December	**Midterm Examination**	**Midterm Examination**	*Winter Vacation*	*Winter Vacation*

SECOND TERM: OCTOBER – MARCH

Expected Teaching Weeks

January	Teaching Week 16	Teaching Week 17	Teaching Week 18	Teaching Week 19
February	Teaching Week 20	Teaching Week 21	Teaching Week 22	**Second Midterm Exam**
March	Teaching Week 23	Teaching Week 24	Teaching Week 25	Teaching Week 26
April	Teaching Week 27	Teaching Week 28	Teaching Week 29	Teaching Week 30
May	*Revision Work*	**Annual Examination**	**Annual Examination**	*PTM & Annual Day*

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Allocation of periods

Subjects and period distribution for preparing timetable, syllabus breakdown, lesson plans etc.

SN	SUBJECT	JUNIOR			PRIMARY		SECONDARY			EACH SUBJECT PER ANNUM
		GRADE – 1	GRADE – 2	GRADE – 3	GRADE – 4	GRADE – 5	GRADE – 6	GRADE – 7	GRADE – 8	
1	English Language	5	5	5	5	5	5	5	5	150
2	Urdu Language	5	5	5	5	5	5	5	5	
3	Mathematics	5	5	5	5	5	5	5	5	
4	Science	-	-	-	5	5	5	5	5	
5	General Knowledge	5	5	5	-	-	-	-	-	
6	Sindhi Language[1]	4	4	4	4	4	4	4	4	120
7	Social Studies	-	-	-	4	4	-	-	-	
8	Islamiyat	4	4	4	4	4	4	4	4	
9	Nazra-e-Quran[2]	4	4	4	4	4	4	4	4	
10	Geography	-	-	-	-	-	3	3	3	90
11	Computer Science	3 SRM[3]	3 SRM	3 SRM	3 SRM	3 SRM	3	3	3	
12	Life Skills	3 SRM	3 SRM	3 SRM	-	-	-	-	-	
13	Artwork	3 SRM	3 SRM	3 SRM	-	-	-	-	-	
14	History	-	-	-	-	-	2	2	2	60
15	Life Skills & Art	-	-	-	2 SRM	2 SRM	-	-	-	
		-	-	-	-	-	1 SRM	1 SRM	1 SRM	30
PERIODS PER WEEK		**37**	**37**	**37**	**37**	**37**	**37**	**37**	**37**	

[1] In Sindh Region only
[2] In all regions except Sindh
[3] SRM: (Supplementary Reading Material)

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

Study Week 1 [1/15| 1/30] **Unit#1, Whole Numbers andOperations** **page # 5-15**	**Study Week 2 [2/15| 2/30]** **Unit#1, Whole Numbers andOperations** **page # 5-22**	**Study Week 3 [3/15|3/30]** **Unit#1, Whole Numbers andOperations** **page # 16-28**	**Study Week 4[4/15 | 4/30]** **Unit#1, Whole Numbers andOperations** **page # 23-33**
Study Week 5 [5/15 |5/30] **Unit#1, Whole Numbers andOperations** **page # 28-41**	**Study Week 6[6/15| 6/30]** **Unit#1, Whole Numbers andOperations** **Unit# 02, Factors and Multiples** **page # 38-51**	**Study Week 7 [7/15|7/30]** **Unit# 02, Factors and Multiples** **page # 43-55**	**Study Week 8[8/15|8/30]** **Unit# 02, Factors and Multiples** **page # 51-55**
Study Week 9[9/15|9/30] **Unit #03 Fractions** **page #51-66**	**Study Week 10(10/15|10/30]** **Unit #03 Fractions** **page #61-72**	**Study Week 11[11/15|11/30]** **Unit #03 Fractions** **page #67-77**	**Study Week 12(12/15|12/30]** **Unit #03 Fractions** **page #73-82**
Study Week (13/15|13/30] **Unit #03 Fractions** **page #83-89**	**Study Week [1/17 | 14/30]** **Unit # 04, Decimal** **Pg # 91-98**	**Study Week [2/17 | 15/30]** **Unit # 04, Decimal** **Pg # 99-105**	

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SECOND TERM | UNITS OR CHAPTER DISTRIBUTION WITHIN 15 WEEKS OF THIS TERM.

Study Week [1/15 | 16/30] **Unit # 04, Decimal** **Pg # 106-111**	**Study Week [2/15 | 17/30]** **Unit # 04, Decimal Unit# 5, Measurement** **Pg # 112-117**	**Study Week [3/15 | 18/30]** **Unit# 5, Measurement** **Pg # 118-122**	**Study Week [4/15 | 19/30]** **Unit# 5, Measurement** **Pg # 123-127**
Study Week [5/15 | 20/30] **Unit# 5, Measurement** **Pg # 128-131**	**Study Week [6/15 | 21/30]** **Unit# 5, Measurement** **Unit: Time** **Pg # 132-138**	**Study Week [7/15 | 22/30]** **Unit: Time** **Pg # 139-142**	**Study Week [8/15 | 23/30]** **Unit: Time** **Pg # 144-150**
Study Week[9/15 | 24/30] **Unit: Time** **Unit# 6: Geometry** **Pg # 152-159**	**Study Week [10/15 | 25/30]** **Unit# 6: Geometry** **Pg # 160-171**	**Study Week [11/15 | 26/30]** **Unit# 6: Geometry** **Pg # 171-178**	**Study Week [12/15 | 27/30]** **Unit# 6: Geometry** **Unit# 7, Data Handling** **Pg # 179-187**
Study Week [13/15 | 28/30] **Unit# 7, Data Handling** **Page#184-194**	**Study Week [14/15 | 29/30]** **Unit# 2, Factors and multiples (Revision)** **Page# 46-55**	**Study Week [15/15 | 30/30]** **Unit# 2, Factors and multiples (Revision)** **Page# 51-59**	

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1/15 1 /30
Daily Break-Up
This is our new teaching week.

Mathematics	**Class-4 | 40 min**	**TERM INFORMATION**	**I**	**Apr-Sep**	**15weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a			**II**	**Oct-Mar**	**15weeks**	**16 to 30**	**75 periods**

MONTH	WEEK	PN [150]	Unit#1, Whole Numbers and Operations	
	Week 1		TOPIC/CONTENT & PAGE NUMBER	WORKBOOK / ACTIVITY CONTENTS
		1.	Whole Numbers and Operations **Page# 05-06** **Ten Thousand**	• Tell the students to find out the height of K2 mountain and write it down in numerals and words. • Write the given numbers in digits. • Also direct the students to write numbers in expanded form and in standard form.
		2.	**Ten Thousand** **Page# 07-09**	• Explain the students how to add 1 to 99,999 gives 100,000 with help of bullets and ball frame. • Explain the place value chart to students and write the place value of the given numbers
		3.	**Ten Thousand** **Page# 10-11**	• Write the numbers in words and digits. **Homework** (Q # 1-5) Page # 10
		4.	**Ten Thousand** **Page# 12-14**	• Read and write the numbers **Homework** Page # 14
		5.	**Ten Thousand** **Page# 15**	• Write the given numbers in numerals and also make up more numbers written in words, encourage the students to come and write them in numerals on the board.

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Daily Break-Up

2/15 2 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics Class-4 | 40 min **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I Oct-Mar 15weeks**	**1 to 15**	**75 periods**
				II Unit#1, Whole Numbers and Operations	**16 to 30**	**75 periods**

MONTH	WEEK	PN	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
	Week 2	[150]	Whole Numbers page # 05-15	
s		6.	Compare and Order Numbers upto 5- digit **Page# 16-18**	• Take assessment from page # 05-15
		7.		• Clear the concept of ascending and descending order. • Share flash cards of different numbers and ask the students to work in groups and arrange them in ascending and descending order. • **Home work.** Practice: arrange numbers in ascending and descending order. Page # 18
		8.	Solving Problems **Page# 18**	• Understand and solve the word problems 1 till 4. • **Home work.** (Q # 05)
		9.	**Addition** **Page# 19-20**	• Revise the addition sums and make the students to practice more addition problems. • Solve questions 1 till 4 in the class room. **Home work.** (Q # 05)
		10.	**Subtraction** **Page# 21-22**	• Revise the subtraction and make the students to practice subtraction problems. • Solve questions 1 till 5 in the class room. **Home work.** (Q # 06)

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Daily Break-Up

3 /15 3 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics Class-4 | 40 min **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit#1, Whole Numbers and Operations					
	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		11.	Whole Numbers page # 16-22				• Take assessment.	
		12.	**Multiplication Page#23-24**				• Revise the multiplication tables 2 till 6 • **Home work.** Learn multiplication tables 7 till 10. Page # 24	
		13.	**Multiply 2-digit numbers by 1-digit number. Page#25**				• Solve the multiplication sums. **Home work.** • For practice of multiplication, give more question for home work.	
		14.	**Multiply 3-digit numbers by 2-digit number. Page#26-27**				• Clear the concept of multiplication of 3-digit numbers with 2-digit number by solving the sums 1 till 6. **Home work.** • For practice, give more question for home work.	
		15.	**Multiply 3-digit numbers by 2-digit number. Page#28**				• Solve the sums of multiplication from 'a' till 'f' parts. **Home work.** • "g" till "I" parts for home work.	

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Daily Break-Up

4/15 4 /30

THIS IS OUR NEW TEACHING WEEK.

							SUBJECT CODE 5224
Mathematics	**Class-4 | 40 min**		**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit#1, Whole Numbers and Operations					
	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		16.	Whole Numbers page # 23-28				• Test of review exercise on page 32.	
		17.	**Multiplication Page#28**				• Solve the word problems 3,4 .,5 and 6. • **Home work.** (Q # 1 & 2)	
		18.	**Division Page#29-32**				• Explain the division step wise through examples and tell about divisor, dividend, quotient and remainder to students. • **Home work.** (Q # 01) Page # 32	
		19.	**Division Page#32**				• Solve all parts of Q # 2. • **Home work.** (Q # 03) Page # 32	
		20.	**Division Page#32-33**				• Solve division word problems from 4 till 7. • **Home work.** (Q # 8 & 9) Page # 33	

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Daily Break-Up

5/15 5 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics Class-4 | 40 min			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit#1, Whole Numbers and Operations					
	Week 5	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		21.	Whole Numbers page # 28-33				• Take assessment.	
		22.	Solving Problem page # 34				• Solve word problems 1 till 4.	
		23.	**Patterns Page# 35-37**				• Explain different patterns and identify the rule. • Complete the arithmetic sequences of a, b and c parts. Home Work: (d, e and f parts) page# 37	
		24.	**Patterns Page#37**				• Solve Q # 2till 4.	
		25.	**Review Exercise Page# 38-41**				• Practice few sums of review exercise for the revision of whole chapter.	

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Daily Break-Up

6/15 6 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4 | 40 min**	**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a			**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**

MONTH	WEEK	PN	Unit#1, Whole Numbers and Operations	Unit# 02, Factors and Multiples
	Week 6	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
		26.	Review Exercise page # 38-41	• Take assessment of whole chapter through review exercise.
		27.	**Factors and multiples** **Divisibility rules for 2 and 3.** page # 43-45	• Explain the divisibility rules for 2 and 3 to the students and practice few sums. • Students must write divisibility rules on note books and learn them.
		28.	**Factors and multiples** **Divisibility rules for 5 and 10.** **Page#** 46-47	• Explain the divisibility rules for 5 and 10 to the students and practice few sums. • Students must write divisibility rules on note books and learn them. **Home Work.** Give few sums for home work
		29.	**Factors** **Page# 48**	• Help the students to understand the concept factors through activity and examples. • Solve 'a' till ' f ' parts in the class room. **Home Work.** ('g' till 'i' parts)
		30.	**Prime and composite numbers** **Page# 50-51**	• Define and explain prime and composite numbers. • Solve Q # 01.

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Daily Break-Up

7/15 7 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics Class-4 | 40 min			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 02, Factors and Multiples					
	Week 7	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		31.	Factors and Multiples page # 43-50				• Take assessment.	
		32.	Practice page # 51				• Solve Q # 2, find the smallest factors other than 1, of the given numbers. • **Home Work** (Q # 03) page # 51	
		33.	Multiples Page# 52-53				• Explain the difference between factors and multiples through activity and examples. • Write the down the factors of the given numbers.	
		34.	Prime factorization Page# 54				• Factorize the given sums and also write prime factors. • **Home Work** (Give some questions for home work). page # 54	
		35.	Prime factorization Page# 55				• Solve and explain the sums of prime factorization by division method. • **Home Work** (Give some questions for home work). page # 55	

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Daily Break-Up

8 /15 8 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4| 40 min**		**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 02, Factors and Multiples					
	Week 8	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		36.	Factors and Multiples	page # 51-55			● Take assessment.	
		37.	Common factors and multiples	Page# 56-57			● Explain and Find the common factors and multiples of given.	
		38.	Problem solving	page # 58			● Understand and solve the sum on page # 58	
		39.	Review Exercise	page # 59			● Practice the sums 1 till 3 of review exercise for reinforcement of chapter. ● Give Q # 4 for home work.	
		40.	Review Exercise	page # 59			● Practice the sums 5 till 7 of review exercise for reinforcement of chapter. ● Give Q # 8 for homework.	

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Daily Break-Up

9 /15 9 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4 | 40 min**		**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit #03 Fractions					
	Week 9	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		41.	Factors and Multiples		page # 51-59		• Take assessment.	
		42.	Fraction		page # 61		• Revise the concept of fractions by showing students parts of a whole (apple, card cut outs etc) • Also tell about numerator and denominator in the fraction.	
		43.	Like and Unlike Fraction		page # 62-64		• Explain like and unlike fraction and write down like and unlike fractions. **Home Work (Q #1 & 2)** page # 64	
		44.	Equivalent Fractions		page # 65		• Explain how to form equivalent fractions by multiplication and write equivalent fractions of the given fractions.	
		45.	Equivalent Fractions		page # 66		• Explain how to form equivalent fractions by division and write equivalent fractions of the given fractions also complete the challenge.	

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Daily Break-Up

10/15 10/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit #03 Fractions					
	Week 10	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		46.	Fractions page # 61-66				● Take test.	
		47.	Fractions page # 67				● Explain how to explain fractions and tell which one is greater and smaller. ● Solve q# 1, 2 and 3.	
		48.	Ordering fractions in Ascending and Descending order page # 68-69				● Explain and write given fractions in ascending and descending order. ● Solve Q # 1 & 2.	
		49.	Simplification of fraction page # 70				● Simplify the given fraction from a till f.(We can write a fraction in its simplest form by dividing its numerator and denominator by their common number) **Home Work**. ● Simplify the given fraction from g till L.	
		50.	Proper and improper fraction page # 71-**72**				● Explain proper and improper fractions from examples and practice the given sums on page # 72	

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Daily Break-Up

11/15 11/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit #03 Fractions					
	Week 11	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		51.	Fractions page # 67-72				● Test of different sums through worksheet.	
		52.	Proper and improper fraction page # 73				● Identify proper and improper fractions in Q # 01 till. ● Solve Q # 04	
		53.	Converting Improper Fractions into Mixed numbers page # 74-**75**				● Explain how to convert Improper Fractions into Mixed numbers. ● Solve Q # 01 & 03.	
		54.	Proper and Improper Fraction page # 75-**76**				● Solve Q # 4, 'a' till 'f' parts. ● Convert mixed numbers into improper fractions. **Home Work. (Q# 04, parts e till h)**	
		55.	Addition of Fractions with like Denominators page # 77				● Add the given fractions.	

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Daily Break-Up

12 /15 12 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit # 03, Fractions					
	Week 12	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		56.	Fractions page # 73-77				● Test of given pages	
		57.	Addition of Fractions with like Denominators page # 78				● Solve Q # 1 till 4. **Home Work. (Parts a till L)**	
		58.	Subtraction of given Fractions page #79-80				● Subtract the given fractions and solve given sums on page # 79-80 ● Give few sums for home work.	
		59.	**Multiplying a Fraction and mixed number by whole number.** page #81				● Explain how to multiply a fraction with whole number and solve the sums a till h.	
		60.	**Multiplying a Fraction and mixed number by whole number.** page # 82				● Solve Q # 1 till 4 and **Home Work.** Q # 5 till 7	

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Daily Break-Up

13 /15 13 /30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit # 03, Fractions					
	Week 13	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		61.	**Multiplying two Fraction and mixed numbers.** page # 83-**84**				● Practice sums of multiplying two fractions.	
		62.	**Multiplying two mixed numbers.** page # 85				● Convert mixed numbers into improper fractions and then multiply.	
		63.	**Divide a fraction by whole number.** page # 86-**87**				● Solve Q # 1 till 5.	
		64.	**Divide a fraction by whole number.** page # 87				● Solve Q # 6 till 9.	
		65.	Review Exercise page # 88-89				● Take test of whole chapter through review exercise.	

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Daily Break-Up

14/15 14/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4 | 40 min**		**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit # 04, Decimal					
	Week 13	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		66.	**Decimal**	page # 91-93			• Decimal as another way of writing of fraction. • Solve the sums for practice.	
		67.	**Decimal**	page # 93			• Solve Q # 1 till 3.	
		68.	**Decimal**	page # 93-95			• Explain hundredths and solve Q # 1 till 3.	
		69.	**Decimal**	page # 95--96			• Explain Thousandths and solve Q # 1 till 3.	
		70.	**Decimal**	page # 97-98			• Revision of conversion of fraction to decimals if the denominator is 10, 100 or 1000. • Q #1, Write decimals of given fractions.	

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Daily Break-Up

15/15 15/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4 | 40 min**		**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**	
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**	
MONTH	WEEK	PN							Week 15
		[150]					WORKBOOK OR ACTIVITY CONTENTS		
		71.	**Decimal** page # 99-100				● Conversion of decimal to fraction up-to 3 digit numbers. ● Q #1, Convert the fractions into decimals.		
		72.	**Operations of decimal numbers** page # 101-102				● Explain addition and fraction of given decimals. ● Solve Q # 1 & 2 (page# 102)		
		73.	**Operations of decimal numbers** page # 103				● Solve Q # 3 (page# 103)		
		74.	**Operations of decimal numbers** page # 103				● Solve Q # 4 & 5. (page# 103)		
		75.	**Multiplication and Division of decimal numbers** page # 104-105				● Explain how to multiply decimals with 10, 100 or 1000. ● Complete the given table.		

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Daily Break-Up

1/15 16/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit # 04, Decimal					
	Week 16	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		76.	**Multiplication and Division of decimal numbers** page # 106				● Practice multiplication sums on page# 106	
		77.	**Dividing a decimal by a 1-digit number.** page # 107-108				● Explain and solve the division sums of decimals by 1-digit number.	
		78.	**Rounding off whole numbers 10, 100 or 1000** page # 108-109				● Explain rounding off whole numbers 10, 100 or 1000	
		79.	**Rounding off numbers** page # 110-111				● Round off whole numbers 10, 100 or 1000	
		80.	**Rounding off numbers** page # 111				● Solve word problems 1 till 3.	

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Daily Break-Up

2/15 17/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I** **Apr-Sep** **15 weeks**	**1 to 15**	**75 periods**
				II **Oct-Mar** **15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit # 04, Decimal	Unit# 5, Measurement		
	Week 17	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
		81.	**Review exercise**	page # 112	● Solve Q # 1 till 4.	
		82.	**Review exercise**	page # 112	● Solve Q # 5 till 8.	
		83.	**Review exercise**	page # 113	● Solve Q # 8 till 11.	
		84.	**Measurement of length**	page # 115-116	● Tell about measurement of length: Meters, centimeters, millimeters. ● Tell how to convert kilometers to meters. Practice given examples.	
		85.	**Measurement of length** **Problem Solving**	page # 116-117 page # 117	● Tell how to convert meters to Centimeters. Practice given examples. **Problem Solving** page # 117 ● H;W: Q # 1 & 2.	

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Daily Break-Up

3/15 18/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4 | 40 min**		**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 5, Measurement					
	Week 18	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		86.	**Centimeters to Millimeters** page # 118-119				● Convert given lengths.	
		87.	**Addition and Subtraction of length** page # 119-121				● Solve sums 1, 2 & 3.	
		88.	**Solving Problems** page # 121				● Solve Q # 1 &2.	
		89.	**Solving Problems** page # 121				● Solve Q # 3.	
		90.	**Solving Problems** page # 122				● Solve Q # 4 till 6.	

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Daily Break-Up

4/15 19/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 5, Measurement					
	Week 19	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		91.	**Conversion of Units Mass** page # 123-124				● Tell the students how to convert "Kg" into "g'. ● Solve examples and Q # 1 &2.	
		92.	**Conversion of Units Mass** page # 124				● Tell the students how to convert "g" into "kg'. ● Solve examples and Q # 3.	
		93.	**Conversion of Units Mass** page # 125				● **Converting "g" into "mg".**	
		94.	**Addition and subtraction of units of Mass** page # 126-127				● Practice the sums of addition and subtraction of mass. ● Solve Q #1 & 2.	
		95.	**Solving Problems** page # 127				● Solve Q # 3 till 5.	

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Daily Break-Up

5/15 20/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 5, Measurement					
	Week 20	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		96.	**Capacity** page # 128-129				● Define capacity. ●Explanation of conversion "l" to "ml". ●Practice: Convert these into milliliters.	
		97.	**Problem Solving** page # 129				● Solve Q # 1 & 2.	
		98.	**Problem Solving** page # 129				● Solve Q # 3 & 4.	
		99.	**Addition and subtraction of units of Capacity.** page # 130-131				● Practice the sums of addition and subtraction of Capacity.	
		100.	**Solving Problems** page # 131				● Solve Q # 1 till 2.	

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Daily Break-Up

6/15 21/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 5, Measurement Unit: Time					
	Week 21	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		101.	**Review Exercise** page # 132-133				● Solve Q # 1 till 3.	
		102.	**Review Exercise** page # 133				● Solve Q # 4 till 6.	
		103.	**Review Exercise** page # 133				● Solve Q # 7 till 9.	
		104.	**Time**105 page # 134-135				● Help the students to remember half past and quarter to etc. Explain the concept of seconds through activities. Make them walk to the teacher's table and record the time like 5 to 10 seconds.	
		.	**Digital Clock and 24 hours format** page # 136-138				● Explanation and practice of sums.	

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Daily Break-Up

7/15 22/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit: Time					
	Week 22	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		106.	**Conversion of hour, Minutes and seconds converting hour to minutes** page # 139-140				● Explain the students how to convert hours to minutes.	
		107.	**Conversion of Minutes to Seconds.** page # 141				● Explain the students how to convert hours to minutes and minutes to seconds. ● Convert the given time to given units.	
		108.	**Conversion of Minutes to Seconds.** page # 141-142				● Explain the students how to convert hours to minutes and minutes to seconds. ● Convert the given time to given units.	
		109.	**Conversion of Years, Months, Days.** page # 142-143				● Help the students to understand to converting years into months. Encourage them to solve the challenge and activities.	
		110.	**Conversion of Years, Months, Days.** page # 144				● Convert these into months.	

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Daily Break-Up

8/15 23/30
THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit: Time					
	Week 23	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		111.	**Converting Months into Days.** page # 144-145				● Convert the months into days.	
		112.	**Converting weeks into Days.** page # 146				● Explain the students how to convert weeks to days.	
		113.	**Addition and Subtraction (Units of Time).** page # 147-148				● Practice the sums of addition and subtraction of units of time.	
		114.	**Addition and Subtraction (Units of Time).** page # 148-149				● Practice the sums of addition and subtraction of units of time.	
		115.	**Problem Solving** page # 150				● solve given sums.	

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Daily Break-Up

9/15 24/30

THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit: Time Unit# 6: Geometry					
	Week 24	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		116.	**Review exercise** page # 152				● Solve Q # 1 till 6.	
		117.	**Review exercise** page # 153				● Solve Q # 7 till 10.	
		118.	**Review exercise** page # 153				● Solve Q # 11 till 13.	
		119.	**Parallel & non-parallel lines** page # 154-157				● Physically show students what parallel lines are, keep two pencils side by side, keeping the same distance apart, explain that they form parallel lines.	
		120.	**Parallel & non-parallel lines** page # 158-159				● Recognize an angle formed by intersection of two lines or rays. ● Solve Q # 1 & 2.	

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Daily Break-Up

10/15 25/30
THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 6: Geometry					
	Week 25	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		121.	**Angle Formation with rays** page # 160-163				● Help the students understand the vertical and horizontal lines by showing them pictures of different objects. ●Help students to understand the measurement of angles by protector.	
		122.	**Constructions of angles** page # 163-164				● Help the students to understand how to construct angles through protector.	
		123.	**Different types of angles** page # 165-167				● Explain different types of angles.	
		124.	**Identify Right angles in 2-D shaped** page # 167-168				●. **Identify Right angles in 2-D shaped**	
		125.	**Circle** page # 169-171				● Explain radius , diameter and circumference and solve the given problem 1 (page # 171)	

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Daily Break-Up

11/15 26/30
THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 6: Geometry					
	Week 26	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		126.	**Perimeter and Area** page # 171-173				● Explain what is perimeter of the circle and also find perimeter and area of given shapes.	
		127.	**Perimeter and Area** page # 174-175				● Explain what is area of the circle and also find perimeter and area of given shapes.	
		128.	**Perimeter and Area** page # 174-175				● Explain what is area of the circle and also find perimeter and area of given shapes.	
		129.	**Symmetry** page # 176-177				● Explain symmetrical figures.	
		130.	**Problem Solving** page # 178				● Solve Q # 1 till 3.	

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Daily Break-Up

12/15 27/30
THIS IS OUR NEW TEACHING WEEK.

Mathematics **Class-4 | 40 min** **5 periods p/w | 150 p/a**			**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
				II	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 6: Geometry Unit# 7, Data Handling					
	Week 27	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		131.	**Comparison of 3-D shapes.** page # 179-180				● Tell about 3-D shapes like (cubes, cuboids, sphere , cylinder, cone and pyramid) and their vertices, edges, surfaces.	
		132.	**Comparison of 3-D shapes.** page # 181				● Label the given shapes with their names. ● Solve Q # 1 & 2.	
		133.	**Review Exercise** page # 182-183				● Solve sums 1 till 5.	
		134.	**Review Exercise** page # 182-183				● Solve sums 6 till 9.	
		135.	**Data Handling** page # 185-187				● Make students practice given graphs. Encourage them to look at the graphs and to interpret them. ● Explain and solve sums.	

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Daily Break-Up

13/15 28/30
THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4 | 40 min**		**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 7, Data Handling					
	Week 28	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		136.	**Data Handling** page # 188				Solve Q # 2 & 3.	
		137.	**Line Graph** page # 188-189				● Explain about line graph and practice the given sums.	
		138.	**Line Graph** page # 190-191				● Do activity and solve sums.	
		139.	**Pie Chart** page # 192-194				● Explain about pie chart and practice the given sums.	
		140.	**Review Exercise** page # 185-187				● Solve Q # 1 till 4..	

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Daily Break-Up

14/15 29/30
THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4 | 40 min**		**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a				**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**
MONTH	WEEK	PN	Unit# 2, **Factors and multiples (Revision)**					
	Week 29	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		141.	**Factors and multiples** **Page#** 46-47 **Divisibility rules for 5 and 10.** **Factors** **Page# 48**				• Explain the divisibility rules for 5 and 10 to the students and practice few sums. • Students must write divisibility rules on note books and learn them. • Help the students to understand the concept factors through activity and examples	
		142.	**Prime and composite numbers** **Page# 50-51**				• Define and explain prime and composite numbers	
		143.	Practice page # 51 Multiples Page# 52-53				• Solve Q # 2 & 3, find the smallest factors other than 1, of the given numbers. • Explain the difference between factors and multiples through activity and examples. • Write the down the factors of the given numbers	
		144.	Prime factorization Page# 54				• Factorize the given sums and also write prime factors.	
		145.	Prime factorization Page# 55				• Solve and explain the sums of prime factorization by division method. • **Home Work** (Give some questions for home work). page # 55	

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Daily Break-Up

15/15 30/30
THIS IS OUR NEW TEACHING WEEK.

Mathematics	**Class-4 | 40 min**	**TERM INFORMATION**	**I**	**Apr-Sep**	**15 weeks**	**1 to 15**	**75 periods**
5 periods p/w | 150 p/a			**II**	**Oct-Mar**	**15 weeks**	**16 to 30**	**75 periods**

MONTH	WEEK	PN	Unit# 2, **Factors and multiples (Revision)**	
	Week 30	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
		146.	Factors and Multiples page # 51-55	• Take assessment.
		147.	Common factors and multiples Page# 56-57	• Explain and Find the common factors and multiples of given.
		148.	Problem solving page # 58	• Understand and solve the sum on page # 58
		149.	Review Exercise page # 59	• Practice the sums 1 till 4 of review exercise for reinforcement of chapter.
		150.	Review Exercise page # 59	• Practice the sums 5 till 8 of review exercise for reinforcement of chapter. .

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