



AIR FOUNDATION SCHOOL SYSTEM[®]

SMS: Subject Outline – Mathematics 4
Syllabus Breakup for Grade 4 | ACD[2.2A][DR]-5224

AFS-SMS-ACD-WI-5-2(2/1)

a country-wide
school network



SYLLABUS BREAKUP

Class Four

FOR THE SCHOOL YEAR

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AIR FOUNDATION SCHOOL SYSTEM[™]



AIR FOUNDATION SCHOOL SYSTEM ®

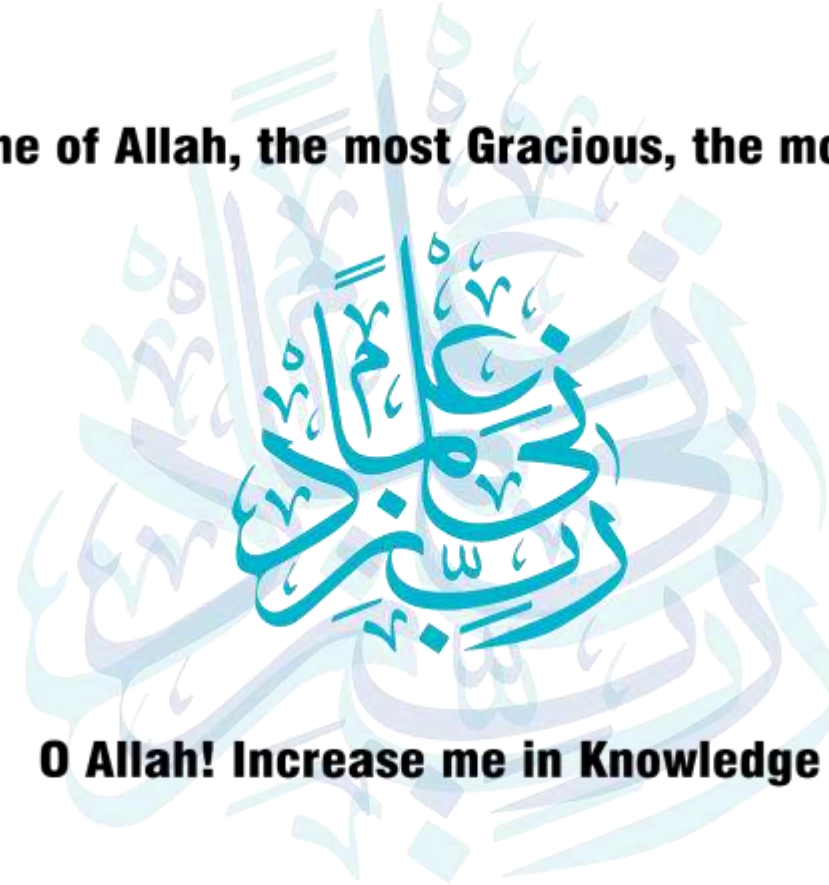
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In the Name of Allah, the most Gracious, the most Merciful



O Allah! Increase me in Knowledge

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SYLLABUS INFORMATION

Textbook	Mathematics 4
Publisher	The Publishers
Approved by	Curriculum & Text Book Board
Developed by	AFSS Academia

**PERIOD ALLOCATION TABLE****PUNJAB, KPK AND BALUCHISTAN REGIONS**

SUBJECT	PERIODS PER WEEK	PERIODS PER ANNUM	DURATION
English I to VIII	5	150	40 min
Mathematics I to VIII			
Urdu I to VIII			
Science IV to VIII واقفیت عامہ (1 till 3)			
Social Studies IV to VIII	4	120	
Computers I to VIII	3	90	
Islamite I to VIII			
Art & Activity I to VIII			

SINDH REGION

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

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

Study Week 1 [1/13 1/30] Unit#1, Whole Numbers and Operations page # 5-15	Study Week 2 [2/13 2/30] Unit#1, Whole Numbers and Operations page # 5-22	Study Week 3 [3/13 3/30] Unit#1, Whole Numbers and Operations page # 16-28	Study Week 4 [4/13 4/30] Unit#1, Whole Numbers and Operations page # 23-33
Study Week 5 [5/13 5/30] Unit#1, Whole Numbers and Operations page # 28-41	Study Week 6 [6/13 6/30] Unit#1, Whole Numbers and Operations Unit# 02, Factors and Multiples page # 38-51	Study Week 7 [7/13 7/30] Unit# 02, Factors and Multiples page # 43-55	Study Week 8 [8/13 8/30] Unit# 02, Factors and Multiples page # 51-55
Study Week 9 [9/13 9/30] Unit #03 Fractions page #51-66	Study Week 10 [10/13 10/30] Unit #03 Fractions page #61-72	Study Week 11 [11/13 11/30] Unit #03 Fractions page #67-77	Study Week 12 [12/13 12/30] Unit #03 Fractions page #73-82
Study Week (13/13 13/30) Unit #03 Fractions page #83-89			

**SECOND TERM / Final Term | UNITS OR CHAPTER DISTRIBUTION WITHIN 17 WEEKS OF THIS TERM.**

Study Week [1/17 14/30] Unit # 04, Decimal Pg # 91-98	Study Week [2/17 15/30] Unit # 04, Decimal Pg # 99-105	Study Week [3/17 16/30] Unit # 04, Decimal Pg # 106-111	Study Week [4/17 17/30] Unit # 04, Decimal Unit# 5, Measurement Pg # 112-117
Study Week [5/17 18/30] Unit# 5, Measurement Pg # 118-122	Study Week 6 [6/17 19/30] Unit# 5, Measurement Pg # 123-127	Study Week [7/17 20/30] Unit# 5, Measurement Pg # 128-131	Study Week [8/17 21/30] Unit# 5, Measurement Unit: Time Pg # 132-138
Study Week [9/17 22/30] Unit: Time Pg # 139-142	Study Week [10/17 23/30] Unit: Time Pg # 144-150	Study Week[11/17 24/30] Unit: Time Unit# 6: Geometry Pg # 152-159	Study Week [12/17 25/30] Unit# 6: Geometry Pg # 160-171
Study Week [13/17 26/30] Unit# 6: Geometry Pg # 171-178	Study Week [14/17 27/30] Unit# 6: Geometry Unit# 7, Data Handling Pg # 179-187	Study Week [15/17 28/30] Unit# 7, Data Handling Page# 184-194	Study Week [16/17 29/30] Unit# 2, Factors and multiples (Revision) Page# 46-55
Study Week [17/17 30/30] Unit# 2, Factors and multiples (Revision) Page# 51-59			



1 /13 1 /30
Daily Break-Up

This is our new teaching week.

SUBJECT CODE
5224

Mathematics Class-4 40 min 5 periods p/w 150 p/a		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#1, Whole Numbers and Operations					
	Week 1	[150]	TOPIC/CONTENT & PAGE NUMBER			WORKBOOK / ACTIVITY CONTENTS		
		1.	Whole Numbers and Operations Ten Thousand	Page# 05-06	<ul style="list-style-type: none"> ●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	<ul style="list-style-type: none"> ●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	<ul style="list-style-type: none"> ●Write the numbers in words and digits. Homework (Q # 1-5) Page # 10			
		4.	Ten Thousand	Page# 12-14	<ul style="list-style-type: none"> ●Read and write the numbers Homework Page # 14			
		5.	Ten Thousand	Page# 15	<ul style="list-style-type: none"> ●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 /13 2 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics		Class-4 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, Whole Numbers and Operations							
	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS			
		6.	Whole Numbers	page # 05-15		●Take assessment from page # 05-15				
		7.	Compare and Order Numbers upto 5- digit	Page# 16-18		<ul style="list-style-type: none"> ●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		<ul style="list-style-type: none"> ●Understand and solve the word problems 1 till 4. ● Home work. (Q # 05) 				
		9.	Addition	Page# 19-20		<ul style="list-style-type: none"> ●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		<ul style="list-style-type: none"> ●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 /13 3 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 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, 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 /13 4 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics		Class-4 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, 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 /13 5 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 40 min 5 periods p/w 150 p/a		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#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 /13 6 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 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, 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	<ul style="list-style-type: none"> Take assessment of whole chapter through review exercise. 			
		27.	Factors and multiples Divisibility rules for 2 and 3.	page # 43-45	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. <p>Home Work. Give few sums for home work</p>			
		29.	Factors	Page# 48	<ul style="list-style-type: none"> Help the students to understand the concept factors through activity and examples. Solve 'a' till 'f' parts in the class room. <p>Home Work. ('g' till 'i' parts)</p>			
		30.	Prime and composite numbers	Page# 50-51	<ul style="list-style-type: none"> Define and explain prime and composite numbers. Solve Q # 01. 			

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Daily Break-Up

7 /13 7 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 40 min		TERM INFORMATION				65 periods	
5 periods p/w 150 p/a		I	Apr-Sep	13 weeks	1 to 13	65 periods	
		II	Oct-Mar	17 weeks	14 to 30	85 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 /13 8 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics		Class-4 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# 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 /13 9 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics		Class-4 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 #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

10/13 10/30

THIS IS OUR NEW TEACHING WEEK.

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5224

Mathematics Class-4 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 #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 /13 11 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 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 #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 /13 12 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 40 min 5 periods p/w 150 p/a			TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods
MONTH	WEEK	PN	Unit # 03, Fractions				WORKBOOK OR ACTIVITY CONTENTS		
	Week 12	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS		
			56.	Fractions	page # 73-77	<ul style="list-style-type: none"> ● Test of given pages 			
			57.	Addition of Fractions with like Denominators	page # 78	<ul style="list-style-type: none"> ● Solve Q # 1 till 4. ● Home Work. (Parts a till L) 			
			58.	Subtraction of given Fractions	page #79-80	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Solve Q # 1 till 4 and ● Home Work. Q # 5 till 7 			

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Daily Break-Up

13 /13 13 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics		Class-4 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 # 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

1/17 14/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 40 min		TERM INFORMATION				65 periods	
5 periods p/w 150 p/a		I	Apr-Sep	13 weeks	1 to 13	65 periods	
		II	Oct-Mar	17 weeks	14 to 30	85 periods	
MONTH	WEEK	PN	Unit # 04, Decimal				
	Week 13	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
		66.	Decimal	page # 91-93	<ul style="list-style-type: none"> ● Decimal as another way of writing of fraction. ● Solve the sums for practice. 		
		67.	Decimal	page # 93	<ul style="list-style-type: none"> ● Solve Q # 1 till 3. 		
		68.	Decimal	page # 93-95	<ul style="list-style-type: none"> ● Explain hundredths and solve Q # 1 till 3. 		
		69.	Decimal	page # 95--96	<ul style="list-style-type: none"> ● Explain Thousandths and solve Q # 1 till 3. 		
		70.	Decimal	page # 97-98	<ul style="list-style-type: none"> ● 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

2/17 15 /30

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SUBJECT CODE
5224

Mathematics		Class-4 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 # 04, Decimal								
	Week 15	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS				
		71.	Decimal page # 99-100				<ul style="list-style-type: none"> • 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				<ul style="list-style-type: none"> • Explain addition and fraction of given decimals. • Solve Q # 1 & 2 (page# 102) 				
		73.	Operations of decimal numbers page # 103				<ul style="list-style-type: none"> • Solve Q # 3 (page# 103) 				
		74.	Operations of decimal numbers page # 103				<ul style="list-style-type: none"> • Solve Q # 4 & 5. (page# 103) 				
		75.	Multiplication and Division of decimal numbers page # 104-105				<ul style="list-style-type: none"> • Explain how to multiply decimals with 10, 100 or 1000. • Complete the given table. 				

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Daily Break-Up

3/17 16/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics		Class-4 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 # 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

4/17 17 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE 5224

Mathematics Class-4 40 min 5 periods p/w 150 p/a			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 # 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

5/17 18/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE 5224

Mathematics Class-4 40 min 5 periods p/w 150 p/a			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, 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

6/17 19/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 40 min 5 periods p/w 150 p/a			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, Measurement						
	Week 19	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS		
		91.	Conversion of Units Mass page # 123-124				<ul style="list-style-type: none"> ● Tell the students how to convert “Kg” into “g”. ● Solve examples and Q # 1 & 2. 		
		92.	Conversion of Units Mass page # 124				<ul style="list-style-type: none"> ● Tell the students how to convert “g” into “kg”. ● Solve examples and Q # 3. 		
		93.	Conversion of Units Mass page # 125				<ul style="list-style-type: none"> ● Converting “g” into “mg”. 		
		94.	Addition and subtraction of units of Mass page # 126-127				<ul style="list-style-type: none"> ● Practice the sums of addition and subtraction of mass. ● Solve Q #1 & 2. 		
		95.	Solving Problems page # 127				<ul style="list-style-type: none"> ● Solve Q # 3 till 5. 		

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Daily Break-Up

7/17 20/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 40 min		TERM INFORMATION				65 periods	
5 periods p/w 150 p/a		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, Measurement				
	Week 20	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
		96.	Capacity page # 128-129			<ul style="list-style-type: none"> Define capacity. Explanation of conversion “l” to “ml”. Practice: Convert these into milliliters. 	
		97.	Problem Solving page # 129			<ul style="list-style-type: none"> Solve Q # 1 & 2. 	
		98.	Problem Solving page # 129			<ul style="list-style-type: none"> Solve Q # 3 & 4. 	
		99.	Addition and subtraction of units of Capacity. page # 130-131			<ul style="list-style-type: none"> Practice the sums of addition and subtraction of Capacity. 	
		100.	Solving Problems	page # 131		<ul style="list-style-type: none"> Solve Q # 1 till 2. 	

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Daily Break-Up

8/17 21 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 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, Measurement	Unit: Time			
	Week 21	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS		
		101.	Review Exercise		● Solve Q # 1 till 3.		
			page # 132-133				
		102.	Review Exercise		● Solve Q # 4 till 6.		
			page # 133				
		103.	Review Exercise		● Solve Q # 7 till 9.		
			page # 133				
		104.	Time	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.		
		105.	Digital Clock and 24 hours format		● Explanation and practice of sums.		
			page # 136-138				

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Daily Break-Up

9/17 22 /30

SUBJECT CODE

5224

THIS IS OUR NEW TEACHING WEEK.

Mathematics Class-4 40 min 5 periods p/w 150 p/a			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: 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			<ul style="list-style-type: none"> ● Explain the students how to convert hours to minutes. 	
		107.	Conversion of Minutes to Seconds. page # 141			<ul style="list-style-type: none"> ● 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			<ul style="list-style-type: none"> ● 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			<ul style="list-style-type: none"> ● 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			<ul style="list-style-type: none"> ● Convert these into months. 	

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Daily Break-Up

10/17 23 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 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: 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

11/17 24/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 40 min 5 periods p/w 150 p/a		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: 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

12/17 25/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics		Class-4 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: Geometry							
	Week 25	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS			
		121.	Angle Formation with rays page # 160-163				<ul style="list-style-type: none"> ● 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				<ul style="list-style-type: none"> ● Help the students to understand how to construct angles through protector. 			
		123.	Different types of angles page # 165-167				<ul style="list-style-type: none"> ● Explain different types of angles. 			
		124.	Identify Right angles in 2-D shaped page # 167-168				<ul style="list-style-type: none"> ● Identify Right angles in 2-D shaped 			
		125.	Circle page # 169-171				<ul style="list-style-type: none"> ● Explain radius , diameter and circumference and solve the given problem 1 (page # 171) 			

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Daily Break-Up

13/17 26/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics		Class-4 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: 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

14/17 27 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 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: 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			<ul style="list-style-type: none"> ● 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			<ul style="list-style-type: none"> ● Label the given shapes with their names. ● Solve Q # 1 & 2. 		
		133.	Review Exercise page # 182-183			<ul style="list-style-type: none"> ● Solve sums 1 till 5. 		
		134.	Review Exercise page # 182-183			<ul style="list-style-type: none"> ● Solve sums 6 till 9. 		
		135.	Data Handling page # 185-187			<ul style="list-style-type: none"> ● 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

15/17 28/30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 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, 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

16/17 29 /30

THIS IS OUR NEW TEACHING WEEK.

SUBJECT CODE
5224

Mathematics Class-4 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, Factors and multiples (Revision)			
	Week 29	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
		141.	Factors and multiples Divisibility rules for 5 and 10. Factors	Page# 46-47 Page# 48	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Define and explain prime and composite numbers 	
		143.	Practice Multiples	page # 51 Page# 52-53	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Factorize the given sums and also write prime factors. 	
		145.	Prime factorization	Page# 55	<ul style="list-style-type: none"> ● 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

17/17 30/30

SUBJECT CODE

5224

THIS IS OUR NEW TEACHING WEEK.

Mathematics Class-4 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, 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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