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Pre School - Junior School - High School

SYLLABUS BREAKUP

Class Five

FOR THE SCHOOL YEAR

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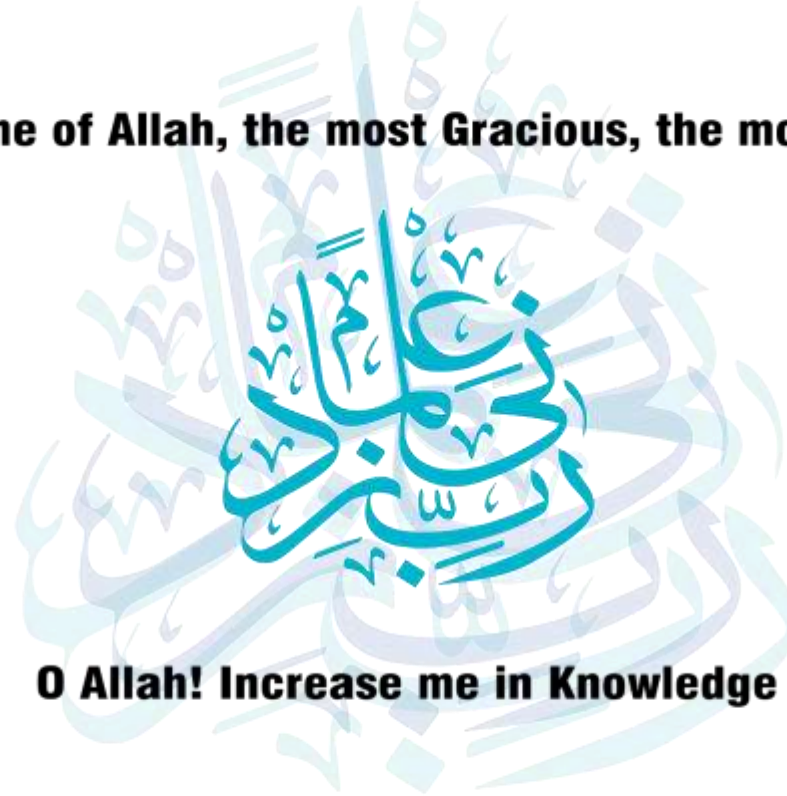
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In the Name of Allah, the most Gracious, the most Merciful

O Allah! Increase me in Knowledge

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SYLLABUS INFORMATION

Textbook	Mathematics 5
Publisher	The Publishers
Approved by	Curriculum & Text Book Board
Developed by	AFSS Academia

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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			
Urdu I to VIII	5	150	
Science IV to VIII			
واقفیتِ عامہ (1 till 3)			40 min
Social Studies IV to VIII	4	120	
Computers I to VIII			
Islamite 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			
Urdu I to VIII	5	150	
Science IV to VIII			
واقفیتِ عامہ (1 till 3)			40 min
Social Studies IV to VIII	4	120	
Computers I to VIII			
Islamite I to VIII	3	90	
Sindhi + Art & Activity I to VIII	2+1	60+30	

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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 # 5-21**	Study Week 3 [3/13|3/30] Unit#1, Whole Numbers and Operations **page # 16-27**	Study Week 4[4/13 | 4/30] Unit#1, Whole Numbers and Operations **page # 22-35**
Study Week 5 [5/13 |5/30] Unit#1, Whole Number and Operations. Unit # 02, HCF and LCM **page # 36-45**	Study Week 6[6/13 | 6/30] Unit # 02, HCF and LCM **page # 40-51**	Study Week 7 [7/13|7/30] Unit # 02, HCF and LCM Unit# 03, Fractions **page # 52-61**	Study Week 8[8/13|8/30] Unit# 03, Fractions **page # 46-69**
Study Week 9[9/13|9/30] Unit #03 Fractions page #70-79	Study Week 10(10/13|10/30) Unit# 03, Fractions Unit# 04, Decimals and Percentage **page #62-69**	Study Week 11[11/13|11/30] Unit# 04, Decimals and Percentage **page #83-93**	Study Week 12(12/13|12/30) Unit# 04, Decimals and Percentage **page #94-100**
Study Week 13(13/13|13/30) Unit #01 till 04 Test **page #04-102**			

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

Study Week [1/17 | 14/30] Unit# 04, Decimals and Percentage (Revision) **Page # 83-94**	**Study Week [2/17 | 15/30]** Unit# 04, Decimals and Percentage (Revision) **Page # 95-105**	Study Week [3/17 | 16/30] Unit# 04, Decimals and Percentage. **Page # 106-111**	Study Week [4/17 | 17/30] Unit# 04, Decimals and Percentage Unit # 5 Distance and Time **Page # 111-117**
Study Week [5/17 | 18/30] Unit # 5 Distance and Time **Page # 118-122**	**Study Week 6 [6/17 | 19/30]** Unit # 5 Distance and Time **Page # 123-127**	**Study Week [7/17 | 20/30]** Unit # 5 Distance and Time **Page# 128-13o**	**Study Week [8/17 | 21/30]** Unit # 6 , Unitary Method **Page # 132-134**
Study Week [9/17 | 22/30] Unit # 6 , Unitary Method **Page # 135-137**	**Study Week [10/17 | 23/30]** Unit # 6 , Unitary Method Unit#07, Geometry **Pg # 137-142**	**Study Week[11/17 | 24/30]** Unit#07, Geometry **Pg # 142-147**	**Study Week [12/17 | 25/30]** Unit#07, Geometry **Pg # 148-154**
Study Week [13/17 | 26/30] Unit# 6: Geometry **Pg # 154-164**	**Study Week [14/17 | 27/30]** Unit#07, Geometry U nit# 8 , Area and Perimeter **Pg # 165-173**	**Study Week [15/17 | 28/30]** Unit# 8 , Area and Perimeter Unit# 09, Data Handling **Page# 174-180**	**Study Week [16/17 | 29/30]** Unit# 09, Data Handling **Page# 181-184**
Study Week [17/17 | 30/30] Unit# 09, Data Handling **Page# 185-192**			

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1 /13   1 /30
Daily Break-Up

This is our new teaching week.

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, Whole Number and Operations.	
	Week 1	[150]	**TOPIC/CONTENT & PAGE NUMBER**	**WORKBOOK / ACTIVITY CONTENTS**
		1.	6- Digit Numbers **Page# 05-06**	● Count the digits and write in words and numerals on page # 05 ●Introduce 1 million as the smallest 7 digit number. Practice counting in millions and writing the numbers in digits and words up to million.
		2.	6- Digit Numbers **Page# 07-09**	●Write the numbers in words. ●Write the numbers in the place value chart. Home Work: (Page # 09)
		3.	6- Digit Numbers **Page# 10-11**	●Write the numbers in expended form **1 till 6 and** 7 till 10 for home work. ● Write each numbers in words and digits.
		4.	6- Digit Numbers **Page# 11-12**	●Write 6-digit numbers on piece of paper. Collect all the numbers and put them in a bucket or big container. Ask students to randomly pick one number each and write it in expended form and in words.
		5.	Addition of 5- digit number **Page# 13 -15**	● Revise addition by solving sums. Home Work. (page # 14-15)

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Daily Break-Up

2 /13   **2** /30

THIS IS OUR NEW TEACHING WEEK.

			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, Whole Number and Operations.		
	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS
		6.	Whole Number and Operations	page # 05-15	●Take assessment.
		7.	Subtraction	**Page# 16-17**	● Revise subtraction by solving sums. Home Work. (page # 17)
		8.	**Subtraction with zeros.**	**Page# 18-19**	●Solve subtraction sums. **Home work** ● Give some sums for practice.
		9.	**Subtraction with zeros.**	**Page# 19-20**	●explain and solve subtraction word problems from 1 till 4. **Home work** ● Give Q #5 & 6 for practice.
		10.	**Multiplication by 10, 100, 1000.**	**Page# 21**	● Multiply the numbers with 10, 100, 1000. **Home work** ● Give some sums for practice.

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Daily Break-Up

3 /13   **3** /30

THIS IS OUR NEW TEACHING WEEK.

					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, Whole Number and Operations.		
	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS
		11.	Whole Number and Operations page # 16-21		●Take assessment.
		12.	**Multiplying by 2 & 3 digits Page#22-23**		●Multiply three digits. page # 23 ●**Home work.** (Multiply by 2 digits) page # 22
		13.	**Multiplication. Page#24**		●Solve 1 till 6 in the class. ● Also solve word problems 1 & 2. **Home work.** ●Q # 7 till 12
		14.	**Division by 10, 100, 1000. Page# 25**		●Ask the students to study division facts and divide each number by 10, 100, 1000.
		15.	**Division by one digit number. Page# 26-27**		●Explain division steps to the students and solve division sums on page # 27 ●**Home work.** Give few sums for practice.

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Daily Break-Up

4 /13   **4** /30

THIS IS OUR NEW TEACHING WEEK.

				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, Whole Number and Operations.				
	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
		16.	Whole Number and Operations page # 22-27			●Take assessment.	
		17.	**Division by 2 digit number. Page# 28-29**			●Explain the steps of 2 digits numbers. **Home work.** Give few sums for practice.	
		18.	**Division by 2 digit number. Page# 30-31**			●Explain the steps of 2 digits numbers and tell about divisor, dividend, quotient and remainder. **Home work.** Give few sums for practice.	
		19.	**Divisibility rules Page# 32-33**			●Tell the divisibility rules to students and solve the sums on page # 33	
		20.	**Larger Quotients Page# 34-35**			●Solve the sums of division of large quotient	

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Daily Break-Up

5 /13   **5** /30

THIS IS OUR NEW TEACHING WEEK.

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, Whole Number and Operations. Unit # 02, HCF and LCM					
	Week 5	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
		21.	Patterns page # 36-39			●Explain different patterns and identify the rule. ●Solve the sums on page # 37 ●Also learn more about patterns. Page # 38-39		
		22.	Problem solving page # 40			●Solve the word problems about patterns.		
		23.	**Review Exercise Page#41-42**			●Test of whole chapter through review.		
		24.	**Common Factors Page# 44**			●Explain how to find the common factors of given numbers and solve the sums 4 till 9. **Home Work. Q # 1 till 3 & 10 till 12**		
		25.	**Highest Common Factors Page# 45**			●Explain how to find the Highest Common Factors of given numbers and solve the sums 1 till 6 and 11 & 12 **Home Work. Q # 7 till 10**		

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Daily Break-Up

6 /13   **6** /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 # 02, HCF and LCM					
	Week 6	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		26.	HCF and LCM	page # 40-45			●Take test.	
		27.	**HCF by Prime Factorization**	page # 46			●Explain the process of finding HCF by prime Factorization and also solve the sums.	
		28.	**HCF by Division Method**	page # 47-48			●Find the HCF by division method.	
		29.	**Common Multiples**	page # 49-50			●Clear the concept of multiples and find the multiples with the help of chart. ● Find the common multiples of given numbers 1 till 6. **Home Work** (Q # 7 till 12) page # 50	
		30.	**Least Common Multiples**	page # 51			● Find least common multiples. **Home Work** Give few sums for practice. page # 51	

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Daily Break-Up

7 /13   **7** /30

THIS IS OUR NEW TEACHING WEEK.

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 # 02, HCF and LCM		Unit# 03, Fractions			
	Week 7	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
		31.	**LCM by Prime Factorization**	page # 52		●Explain the process of finding LCM by prime Factorization and also solve the sums.		
		32.	**LCM by Division Method**	page # 53-54		●Find the LCM by division method. **Home Work** Give few sums for home work		
		33.	**HCF and LCM**	page # 55-56		●Solve word problems. Page # 55-56 **Home Work** ●Find LCM and HCF using prime Factorization. ●Find LCM and HCF by division method. Page # 55		
		34.	**Fractions**	page # 58-59		●Revise the Fraction and add the given fractions **Home Work** : (Q # 1 till 6)		
		35.	**Fractions**	page # 60-61		● Solve the fractions and answer in the lowest form. Page # 61 ●**Home Work** page # 60		

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Daily Break-Up

8 /13   **8** /30

THIS IS OUR NEW TEACHING WEEK.

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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# 03, Fractions	
	Week 8	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
		36.	HCF & LCM page # 46-61	●Take assessment.
		37.	Addition of mixed numbers page # 62-63	●Solve sums of "addition of mixed numbers". **●Home Work** Give some questions for home work
		38.	Subtraction of fractions page # 64-65	●Tell the students to that while adding two fractions their order does not matter but when we subtracting two fractions, we must subtract the smaller fraction from bigger one. **●Home Work** Give some questions for home work.
		39.	Subtraction of fractions page # 66-67	● Solve sums of subtraction of the mixed numbers. **●Home Work** Give some questions for home work.
		40.	Subtraction of fractions page # 68-69	● Solve word problems. ● Also write a multiplication sentences for each diagram.

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Daily Break-Up

9 /13   **9** /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# 03, Fractions					
	Week 9	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
		41.	Multiplication of the fractions page # 70-72			● Practice the sums of multiplication of the given fraction. **Home Work:** Give few some questions for home work.		
		42.	Multiplying by mixed numbers page # 72-73			●To multiply mixed numbers , first convert mixed numbers into improper fractions and then multiply and also convert the answer into mixed numbers. ● Also write the reciprocals of the given fractions.		
		43.	Dividing Fractions page # 74-75			●Solve the sums of division of fractions by understanding of given steps of division of fractions. **Home Work:** Give few some questions for home work.		
		44.	Dividing whole numbers by Fractions page # 76-77			●Explain how to divide mixed numbers by fractions and mixed numbers by fractions.		
		45.	Dividing mixed numbers page # 78-79			● Solve the sums of "Problem Solving". Page # 79 **Home Work (** Solve the sums of dividing mixed numbers by mixed numbers and whole numbers) page # 78		

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Daily Break-Up

10 /13   **10** /30

THIS IS OUR NEW TEACHING WEEK.

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# 03, Fractions		Unit# 04, Decimals and Percentage			
	Week 10	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
		46.	Fractions	page # 62-81			●Take test.	
		47.	Tenths and Hundreds	page #83			●Explain and practice of decimal numbers upto 3 decimal places with the students. They can work in groups and make a place value chart. ●Write fraction and decimal for given pictures. ●Write in decimal given fractions. ●Write an equivalent fractions.	
		48.	Decimals and Place Value	page # 84-85			●Explain the students how to write decimal numbers in words with the help of place value chart. ●Solve question # b1till 12 and give 13 till 20 for home work. ● Write decimal numbers in expended form and place value of underline digits.	
		49.	Comparing and ordering decimal numbers page # 86-88				●Write '>", "<" and = in questions 1 till 20. ●**Home Work:** page # 88	
		50.	Addition of Decimals numbers	page # 89			●Tel, how to add decimal numbers and Solve addition sums from 1 till 8. ●**Home Work:** (Questions 9 till 12)	

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Daily Break-Up

11 /13   **11** /30

THIS IS OUR NEW TEACHING WEEK.

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# 04, Decimals and Percentage					
	Week 11	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
		51.	Decimals and Percentage	page # 83-89		●Test of different sums through worksheet.		
		52.	Addition of Decimals numbers	page # 90		●Solve the addition of the decimal numbers		
		53.	Addition of Decimals numbers	page # 91		● Solve word problems from 1 till 4.		
		54.	Subtraction of Decimals numbers	page # 92		● Explain how to subtract decimal numbers and solve subtraction sums.		
		55.	Subtraction of Decimals numbers	page # 93		● Solve few sums of subtraction & addition of decimals in the class and give few for home work.		

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Daily Break-Up

12 /13   **12** /30

THIS IS OUR NEW TEACHING WEEK.

				SUBJECT CODE
				5221

Mathematics	Class-2 | 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, Decimals and Percentage	
	Week 12	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
		56.	Problem Solving page # 94	● Solve word problems of addition and subtraction
		57.	Multiplication of Decimals page # 95-**96**	Do mental maths. ● Explain how to multiply decimal numbers with 10, 100 and 1000. ● Solve few sums in the class and give few for home work. Page # 96
		58.	Multiplication of Decimal numbers with whole numbers page # 97-98	● Multiply decimal numbers with whole numbers. Page # 97 ●**Home Work.** Page # 98
		59.	Problem Solving page # 99	● Solve word problems on page # 99
		60.	Divide decimal by whole numbers page # 100	● Solve the sums on page # 100 ●**Home Work.** Few sums for home work Page # 100

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Daily Break-Up

13 /13   **13** /30

THIS IS OUR NEW TEACHING WEEK.

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 # 01, Unit # 02 , Unit# 03, Fractions			Unit# 04, Decimals and Percentage		
	Week 13	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
		61.	Divide decimal by whole numbers page # 101			● Solve the sums on page # 101		
		62.	Divide decimal by whole numbers page # 102			● Solve the sums on page # 102		
		63.	Problem Solving page # 102			● Solve word problems.		
		64.	Decimals and Percentage page # 90-102			● Test of given pages		
		65.	Unit# 01, 02 , 03 & 04 page # 05-102			● Test of given pages		

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

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Daily Break-Up

1/17   14 /30

THIS IS OUR NEW TEACHING WEEK.

	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# 04, Decimals and Percentage (Revision)					
	Week 13	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
		66.	Tenths and Hundreds page #83 (Revision)			●Explain and practice of decimal numbers upto 3 decimal places with the students. They can work in groups and make a place value chart. ●Write fraction and decimal for given pictures. ●Write in decimal given fractions. ●Write an equivalent fractions.		
		67.	Decimals and Place Value page # 84-85 (Revision)			●Explain the students how to write decimal numbers in words with the help of place value chart. ●Solve question # b1till 12 and give 13 till 20 for home work. ● Write decimal numbers in expended form and place value of underline digits.		
		68.	Comparing and ordering decimal numbers page # 86-88 (Revision)			●Write '>", "<" and = in questions 1 till 20. ●**Home Work:** page # 88		
		69.	Addition of Decimals numbers page # 89-91 (Revision)			●Solve the addition of the decimal numbers		
		70.	Subtraction of Decimals numbers page # 92-94 (Revision)			● Explain how to subtract decimal numbers and solve subtraction sums. ● Solve few sums of subtraction & addition of decimals in the class and give few for home work.		

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SMS: Subject Outline – Mathematics 5

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

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

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2/17   15 /30
Daily Break-Up

This is our new teaching week.

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# 04, Decimals and Percentage (Revision)					
	Week 14	[150]	TOPIC/CONTENT & PAGE NUMBER			WORKBOOK / ACTIVITY CONTENTS		
		71.	Multiplication of Decimals page # 95-97 (Revision)			● Explain how to multiply decimal numbers with 10, 100 and 1000. ● Solve few sums in the class and give few for home work. ● Multiply decimal numbers with whole numbers		
		72.	Multiplication of Decimal numbers with whole numbers Divide decimal by whole numbers (Revision) page # 98-100			● Multiply decimal numbers with whole numbers. ● Solve word problems on page # 99 ● Solve the sums on page # 100		
		73.	Dividing decimals by decimals (Revision) Page# 101-102			● Solve the sums		
		74.	**Converting fractions into decimals Page# 103-104**			●Tell the students how to convert fractions into decimals by solving the sums on page # 104.		
		75.	Rounding off decimal numbers. **Page# 104-105**			● ●Tell the students how to rounding off decimals by solving the sums.		

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SMS: Subject Outline – Mathematics 5

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

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

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3/17   16 /30
Daily Break-Up
This is our new teaching week.

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# 04, Decimals and Percentage.					
	Week 15	[150]	TOPIC/CONTENT & PAGE NUMBER				WORKBOOK / ACTIVITY CONTENTS	
		76.	Rounding off decimal numbers.		Page# 106		●Tell the students how to rounding off decimals by solving the sums.	
		77.	Percentage		Page# 106-107		● ●Tell the students how to find the percentage by solving the sums.	
		78.	Percentage		Page# 107-108		● Find the percentage by practicing the sums. ● Mental Math!	
		79.	Percentage		Page# 109		●Convert the percentage into decimals and decimals into percentage.	
		80.	Percentage		Page# 110-111		● Complete review exercise.	

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SMS: Subject Outline – Mathematics 5

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

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4/17   17 /30
Daily Break-Up
This is our new teaching week.

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# 04, Decimals and Percentage Unit # 5 Distance and Time					
	Week 16	[150]	TOPIC/CONTENT & PAGE NUMBER			WORKBOOK / ACTIVITY CONTENTS		
		81.	Percentage **Page# 111**			● Complete review exercise.		
		82.	Converting Kilometers into meters **Page# 113**			●● Tell about measurement of length: Meters, centimeters, millimeters. ● Tell how to convert kilometers to meters. Practice the sums..		
		83.	Converting meters into kilometers **Page# 114**			●Change into kilometers		
		84.	Converting meters into centimeters **Page# 115-116**			● Change meters into centimeters and centimeters into meters.		
		85.	Converting millimeters into centimeters and Vice Versa **Page# 117**			● Change into cm. ● Change into mm.		

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

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5/17   18 /30
Daily Break-Up
This is our new teaching week.

	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 # 5 Distance and Time						
	Week 16	[150]	TOPIC/CONTENT & PAGE NUMBER				WORKBOOK / ACTIVITY CONTENTS		
		86.	Addition of meters into centimeters **Page# 118**				●Solve the sums.		
		87.	Subtraction of meters into centimeters **Page# 119**				●Solve the sums.		
		88.	Addition of kilometers and meters. **Page# 120**				●Solve the sums.		
		89.	Subtraction of kilometers and meters. **Page# 121**				●Solve the sums.		
		90.	Review Exercise **Page# 122**				● Solve review exercise.		

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6/17 19 /30
Daily Break-Up
This is our new teaching week.

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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 Distance and Time					
	Week 16	[150]	TOPIC/CONTENT & PAGE NUMBER			WORKBOOK / ACTIVITY CONTENTS		
		91.	**Converting of Minutes to hours and hour to minutes** page # 123			● Explain the students how to convert hours to minutes and minutes to hours.		
		92.	**Conversion of Minutes into Seconds and Seconds into minutes.** page # 124			● Explain the students how to convert minutes to seconds and seconds to minutes by solving sums.		
		93.	Addition and Subtraction **of Hours and minutes.** **Page# 125**			●Solve the sums.		
		94.	Addition and Subtraction **of minutes and seconds.** **Page# 126**			●Solve the sums.		
		95.	Hours and days **Page# 127**			●Solve the sums.		

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

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7/17   20 /30
Daily Break-Up
This is our new teaching week.

	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 # 5 Distance and Time						
	Week 16	[150]	TOPIC/CONTENT & PAGE NUMBER				WORKBOOK / ACTIVITY CONTENTS		

		PN	TOPIC/CONTENT & PAGE NUMBER	WORKBOOK / ACTIVITY CONTENTS
		96.	**Conversion of Years, Months, Days.** page # 128	● Help the students to understand to converting years into months. Encourage them to solve the challenge and activities.
		97.	**Conversion of Years, Months, Days.** page # 129	● Convert these into days and weeks.
		98.	**Conversion of Years, Months, Days.** page # 129	● Convert these into days and weeks.
		99.	Review Exercise **Page# 130**	●Solve the sums.
		100.	Review Exercise **Page# 130**	●Solve the sums.

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SMS: Subject Outline – Mathematics 5

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

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8/17   21/30
Daily Break-Up

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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 , Unitary Method					
	Week 16	[150]	TOPIC/CONTENT & PAGE NUMBER			WORKBOOK / ACTIVITY CONTENTS		
		101.	**Value of many.** page # 132			● Tell the students to understand unitary method is the method in which we find out the value of one unit and further use it to find value of multiple units. . Encourage them to solve sums.		
		102.	**Value of many.** page # 132			● Tell the students to understand unitary method is the method in which we find out the value of one unit and further use it to find value of multiple units. . Encourage them to solve sums.		
		103.	**Value of one.** page # 133			● Tell the students to understand unitary method is the method in which we find out the value of one unit and further use it to find value of multiple units. . Encourage them to solve sums.		
		104.	**Value of one.** page # 133			● Tell the students to understand unitary method is the method in which we find out the value of one unit and further use it to find value of multiple units. . Encourage them to solve sums.		
		105.	Unitary Method page # 134 **Page# 134**			●Solve the sums.		

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SMS: Subject Outline – Mathematics 5

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

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9/17   22 /30
Daily Break-Up
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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 , Unitary Method					
	Week 16	[150]	TOPIC/CONTENT & PAGE NUMBER			WORKBOOK / ACTIVITY CONTENTS		
		106.	Unitary Method	page # 135		●Solve the sums.		
		107.	Unitary Method	page # 135		●Solve the sums.		
		108.	Unitary Method	page # 136		●Solve the sums.		
		109.	Unitary Method	page # 136		●Solve the sums.		
		110.	Review Exercise **Page# 136-137**			●Solve the sums.		

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

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10/17   23 /30
Daily Break-Up
This is our new teaching week.

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 , Unitary Method Unit#07, Geometry						
	Week 16	[150]	TOPIC/CONTENT & PAGE NUMBER				WORKBOOK / ACTIVITY CONTENTS		
		111.	Review Exercise **Page# 137**				●Solve the sums.		
		112.	**Different types of angles** page # 139				● Explain different types of angles. And solve given exercise.(Right, obtuse and acute angles)		
		113.	**Straight and reflex angles** page # 140				● Explain different types of angles. And solve given exercise.		
		114.	**Full Angles** page # 141				●Tell about full, half, quarter and eighth circle angles and measure the missing angles.		
		115.	**Full Angles** page # 142				●Write whether each angle is right, acute, obtuse, straight or reflex angle. Also give reasons of your answers.		

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

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11/17   24 /30
Daily Break-Up

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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#07 Geometry**				
		[150]	**TOPIC/CONTENT & PAGE NUMBER**			**WORKBOOK / ACTIVITY CONTENTS**	
		116.	**Full Angles** page # 142			●Write whether each angle is right, acute, obtuse, straight or reflex angle. Also give reasons of your answers.	
		117.	**Constructing a right and straight angles** page # 143-144			● Explain and construct the right angle.	
		118.	**Constructing a reflex angles** page # 145			● Explain and construct the reflex angle.	
		119.	**Adjacent and Complementary angles** page # 146-147			● Explain and construct the adjacent and complementary angles.	
		120.	**Adjacent and Complementary angles** page # 147			● Explain and construct complementary angles.	

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SMS: Subject Outline – Mathematics 5

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

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12/17   25 /30
Daily Break-Up
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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#07, Geometry	
		[150]	TOPIC/CONTENT & PAGE NUMBER	WORKBOOK / ACTIVITY CONTENTS
		121.	**Supplementary angles** page # 148	● Explain and construct supplementary angles**.**
		122.	**Review Exercise** page # 149-150	● Solve the sums of review exercise.
		123.	**Triangles with respect to their angles.** page # 151-152	● Explain the angles of triangles.
		124.	**Constructing Triangles** page # 152-153	● Explain and construct the triangles with given measures.
		125.	**Constructing Triangles** page # 153.154	● Explain and construct the triangles with given measures.

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

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13/17   26 /30
Daily Break-Up

This is our new teaching week.

	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#07 Geometry					
		[150]	TOPIC/CONTENT & PAGE NUMBER			WORKBOOK / ACTIVITY CONTENTS		
		126.	**Quadrilaterals** page # 154-155			● Explain quadrilaterals and their properties.		
		127.	**Constructing a Square** and rectangles page # 156-157			● Explain and construct the squares and rectangles with given measures.		
		128.	**Reflective Symmetry** page # 158-159			● Explain about reflective/line of symmetry.		
		129.	**Rotational Symmetry** page # 160-161			● Practice rotational symmetry by asking students to draw shapes that have rotational symmetry.		
		130.	**3D Shapes** page # 162-**164**			● Explain 3D shapes and do activities on page# 163-164		

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SMS: Subject Outline – Mathematics 5

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

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14/17   27 /30
Daily Break-Up
This is our new teaching week.

			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#07, Geometry U nit# 8 , Area and Perimeter	
		[150]	TOPIC/CONTENT & PAGE NUMBER	WORKBOOK / ACTIVITY CONTENTS
		131.	**Review Exercise** page # 165-166	● Complete review exercise.
		132.	Perimeter of Square page# 168	● Explain about perimeter of square and solve the given sums.
		133.	Perimeter of **rectangles** page# 169	● Explain about perimeter of rectangles and solve the given sums.
		134.	**Area** page# 170-172	● Explain and find the area of given shapes.
		135.	**Area** page# 172-173	● Explain and find the area of given square.

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SMS: Subject Outline – Mathematics 5

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

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15/17   28 /30
Daily Break-Up

This is our new teaching week.

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 , Area and Perimeter Unit# 09, Data Handling	
		[150]	TOPIC/CONTENT & PAGE NUMBER	WORKBOOK / ACTIVITY CONTENTS
		136.	**Area of rectangles** **page# 174-175**	● Explain and find the area of rectangles.
		137.	Problem solving page# 176	● Explain and solve the word problems.
		138.	Review exercise page# 177-178	● solve the sums
		139.	Data Handling **page# 180**	● Explain and find the average of given questions.
		140.	Data Handling **page# 180**	● Explain and find the average of given questions.

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SMS: Subject Outline – Mathematics 5

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

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16/17   29 /30
Daily Break-Up
This is our new teaching week.

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# 09, Data Handling						
		[150]	TOPIC/CONTENT & PAGE NUMBER				WORKBOOK / ACTIVITY CONTENTS		
		141.	Data Handling	page# 181			● Explain and find the average of given questions.		
		142.	Data Handling	page# 182			● solve the word problems.		
		143.	Data Handling	page# 182			● solve the word problems.		
		144.	Organizing data	page# 182-183			● Explain information table, picture graph and bar graph. Solve the sums.		
		145.	Organizing data	page# 184			● Explain information table, picture graph and bar graph. Solve the sums		

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SMS: Subject Outline – Mathematics 5

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

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17/17   30 /30

Daily Break-Up

This is our new teaching week.

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# 09, Data Handling						
		[150]	TOPIC/CONTENT & PAGE NUMBER				WORKBOOK / ACTIVITY CONTENTS		
		146.	Making Bar Graphs page# 185-186				● Explain and solve the sums.		
		147.	Making Bar Graphs page# 186-187				● Explain and solve the sums.		
		148.	Read and Interpret data from Bar graph page# 188-189				● solve the word problems.		
		149.	Read and Interpret data from Bar graph page# 189-190				● Explain information table, picture graph and bar graph. Solve the sums.		
		150.	Read and Interpret data from Bar graph page# 190-192				● Explain information table, picture graph and bar graph. Solve the sums		

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15/17   31 /30

Daily Break-Up

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SMS: Subject Outline – Mathematics 5

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This is our new teaching week.

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#08 Area and Perimeter						
		[150]	TOPIC/CONTENT & PAGE NUMBER				WORKBOOK / ACTIVITY CONTENTS		
		151.							
		152.							
		153.							
		154.							
		155.							

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