

Maths | 5227

Syllabus outline for grade – 7

ACD[2.2G][DR]

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SYLLABUS INFORMATION

Textbook Talking Numbers Mathematics Book 7
Author [Noshi Usman]
Publisher [Fidem Education Network]
ISBN [978-969-9705-68-7]

Developed by [AFSS Team]
Affiliation employee outsource
Implementation Monday, April 3, 2017-2018

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



SECOND TERM Mathematics 7 [85 periods]	OCTOBER 22teaching periods	TeachingWeek:14/30 Week:27/52 5 periods	TeachingWeek:15/30 Week: 28/52 5 periods	TeachingWeek:16/30 Week: 29/52 5 periods	TeachingWeek:17/30 Week: 30/52 5 periods	TeachingWeek:18/30 Week: 31/52 2 periods
	NOVEMBER 22teaching periods	TeachingWeek:18/30 Week: 31/52 3 periods	TeachingWeek:19/30 Week:32/52 5 periods	TeachingWeek:20/30 Week:33/52 5 periods	TeachingWeek:21/30 Week:34/52 5 periods	TeachingWeek:22/30 Week:35/52 4 periods
	DECEMBER 6teaching periods	TeachingWeek:22/30 Week:35/52 1 periods	TeachingWeek:23/30 Week:36/52 5 periods	Week 37 2nd Mid term exams	Week 38 2nd Mid term exams	Week 39 Holidays
	JANUARY 23teaching periods	TeachingWeek:24/30 Week:40/52 5 periods	TeachingWeek:25/30 Week:41/52 5 periods	TeachingWeek:26/30 Week:42/52 5 periods	TeachingWeek:27/30 Week:43/52 5 periods	TeachingWeek:28/30 Week:44/52 3 periods
	FEBRUARY 12teaching periods	TeachingWeek:28/30 Week: 44/52 2 periods	TeachingWeek:29/30 Week:45/52 5periods	TeachingWeek:30/30 Week:46/52 5 periods	Week 47 Revision Work	Week 48 Revision Work
	MARCH	Week 48 Revision Work	Week 49 Examinations	Week50 Examinations	Week 51 Examinations	Week 52 Holidays



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

APRIL	W1 [1/13 1/30] Chapter#1, Sets Page # 07-15	W2 [2/13 2/30] Chapter#1, Sets Page # 07-19	W3 [3/13 3/30] Chapter#1, Sets. Chapter#2, Fractions. Page# 15-29	W4 [4/13 4/30] Chapter#2, Fractions. Page# 21-35
MAY	W5 [5/13 5/30] Chapter#2, Fractions. Page# 29-38	W6 [6/13 6/30] Chapter#2, Fractions. Page# 38-41	W7 [7/13 7/30] Chapter#2, Fractions. Chapter#3, Decimals. Page# 38-51	W8 [8/13 8/30] Chapter#3, Decimals. Page# 51-56
JUNE	W17 [9/13 9/30] Chapter#3, Decimals. Chapter#4, Real Maths and Finance. Page# 57-64	W10 Holidays	W11 Holidays	W12 Holidays
JULY	W13 Holidays	W14 Holidays	W15 Holidays	W16 Holidays
AUGUST	W17 Holidays	W18 Holidays	W18 [10/13 10/30] Chapter#4, Real Maths and Finance. Page# 64-72	W19 [11/13 11/30] Chapter#4, Real Maths and Finance. Chapter#5, Ratio, Rate and proportion. Page#64-79
SEPTEMBER	W20 [12/13 12/30] Chapter#5, Ratio, Rate and proportion. Page# 79-86	W21 [13/13 13/30] Chapter# 01-05.(Revision and test). Page# 06-86	W23 Examinations	W24 Examinations



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

OCTOBER	W25 [1/17 14/30] Chapter#5, Ratio, Rate and proportion. Page# 84-91	W26 [2/17 15/30] Chapter#5, Ratio, Rate and proportion. Chapter#6, Circle and Quadrilateral. Page# 84-98	W27 [3/17 16/30] Chapter#6, Circle and Quadrilateral. Page# 95-101	W28 [4/17 17/30] Chapter#6, Circle and Quadrilateral. Page# 80-106
NOVEMBER	W29 [5/17 18/30] Chapter#6, Circle and Quadrilateral. Chapter#7, Lines and Angles. Page# 102-111	W30 [6/17 19/30] Chapter#7, Lines and Angles. Chapter#8, Area and Perimeter. Page# 111-118	W31 [7/17 20/30] Chapter#7, Lines and Angles. Chapter#8, Area and Perimeter. Page# 111-124	W32 [8/17 21/30] Chapter#8, Area and Perimeter. Page#119-126
DECEMBER	W33 [9/17 22/30] Chapter#8, Area and Perimeter. Chapter#9 Polynomials. Page# 125-133	W34 [10/17 23/30] Chapter#9 Polynomials. Page# 134-139	W35 Holidays	W36 Holidays
JANUARY	W37 [11/17 24/30] Chapter#9, Polynomials. Chapter#10, Linear Equation. Page# 131-146	W38 [12/17 25/30] Chapter#10, Linear Equation. Page# 144-149	W39 [13/17 26/30] Chapter#10, Linear Equation. Chapter#11, Volume and surface area. Page# 151-161	W40 [14/17 27/30] Chapter#11, Volume and surface area. Chapter#12, Information Handling. Page# 162-170
FEBRUARY	W41 [15/17 28/30] Chapter#11, Volume and surface area. Chapter#12, Information Handling. Page# 162-179	W42 [16/17 29/30] Chapter# 05 to 07. (Revision and Test). Page# 74-115	W43 [17/17 30/30] Chapter# 8 to 12. (Revision and Test). Page# 117-179	W44 Revision Work
MARCH	W45	W46	W47	W48



	Revision Work	Examinations	Examinations	Holidays
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PERIOD ALLOCATION TABLE

PUNJAB, KPK AND BALUCHISTAN REGIONS

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



PLANNING WEEK

1 /13 1 /30

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

SUBJECT CODE

5227

Mathematics Class-7 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	Chapter # 1, Sets.						
April	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS		
3-April-17	07-Apr-17	1.	Sets, Members of sets, representation of sets. Page # 7-9				●Define and Explain the sets, representation of sets, member of sets, types of sets (finite sets, infinite sets, empty set, singleton set, equal sets, equivalent sets, subset and super set, proper and improper subset through examples.		
		2.	Reinforcement 1.1. page# 10				●Understanding and solution of Q 1, 2 and 3 of reinforcement 1.1.		
		3.	Union, Intersection and difference of two sets. Page # 10-14				●Explanation and Understanding of union, intersection and difference of the sets, disjoint and overlapping sets and complement of the sets through definitions, examples and Venn diagram.		
		4.	Reinforcement 1.2. page# 14				●Understanding and solution of Q 1 of exercise 1.2.		
		5.	Reinforcement 1.2. page# 15				●Understanding and solution of Q 2 and 3 of exercise 1.		

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PLANNING WEEK

2 /13 2 /30

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Mathematics		Class-7 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	Chapter #1, Sets.								
April	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER						WORKBOOK OR ACTIVITY CONTENTS		
05-Apr-15	10-Apr-15	6.	Sets.	Page# 07-15		●Test of definitions, examples and few sums of sets.					
		7.	Venn diagram.	Page # 15-17		●Understanding of Venn diagram through examples.					
		8.	Reinforcement 1.3.	Page # 18		●Understanding and solution of Q 1 and 2 of reinforcement 1.3.					
		9.	Reinforcement 1.3.	Page# 18-19		●Understanding and solution of Q 3 to 5 of reinforcement 1.3.					
		10.	Independent practice.	Page# 19		●Understanding and solution of the sums of Independent practice.					

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PLANNING WEEK

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Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter #1, Sets. Chapter #2, Fractions.			
April	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
13-Apr-15	17-Apr-15	11.	Sets.	Page# 15-19		●Test of definitions, examples and few sums of sets.
		12.	Rational Numbers.	Page# 21-25		●Understanding of rational numbers and irrational numbers through definition and examples. ●Understanding of fraction, type of fraction, improper and improper fractions, mixed numbers and equivalent fractions through definition and examples.
		13.	Examples.	Page# 26-28		●Understanding and solution of the examples about fractions.
		14.	Reinforcement 2.1.	page#28-29		●Understanding and solution of Q 1 to 3 about fractions.
		15.	Reinforcement 2.1.	page#28-29		●Understanding and solution of Q 4 to 5 about fractions.

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SUBJECT CODE
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Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter #2, Fractions.			
April	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
20-Apr-15	24-Apr-15	16.	Fractions.		Page # 21-29	●Test of definitions, examples and few sums of fractions.
		17.	Addition and subtraction of fractions.		Page # 29-31	●Understanding and solution of examples of addition and subtraction of fractions with same and different denominator using L.C.M method.
		18.	Reinforcement 2.2.		Page # 32	●Understanding and solution of Q 1 and 2 of exercise 2.2.
		19.	Multiplication and division of the fractions.		page# 32-35	●Understanding and solution of examples of multiplication and division of fractions and mixed numbers.
		20.	Reinforcement 2.3.		Page # 35	●Understanding and solution of Q 1 and 2 of exercise 2.3.

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PLANNING WEEK

5 /13 5 /30

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Mathematics		Class-7 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	Chapter #2, Fractions.		
May	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS
27-Apr-15	01-May-15	21.	Reinforcement 2.2 to 2.3.	Page # 29-35	●Test of few sums of addition and subtraction, multiplication and division of fractions and mixed numbers.
		22.	Reinforcement 2.3.	Page # 36	●Understanding and solution of Q 3 of exercise 2.3.
		23.	Additive invers, multiplicative invers and order of operation. page# 36-37		●Understanding of additive invers, multiplicative invers through examples. ●Understanding of BODMAS rule through examples.
		24.	Reinforcement 2.4.	Page # 38	●Understanding and solution of Q 1 of reinforcement 2.4.
		25.	Reinforcement 2.4.	Page # 38	●Understanding and solution of Q 2 of reinforcement 2.4

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PLANNING WEEK

6 /13 6 /30

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Mathematics	Class-7 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	Chapter #2, Fractions.				
May	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
04-May-15	08-May-15	26.	Reinforcement 2.4.	Page # 38	●Test of few sums of exercise 2.4.		
		27.	Word problems involving fractions.	Page # 38-39	●Understanding and solution of examples and word problems (Q1 to 4) about fractions.		
		28.	Reinforcement 2.5.	Page # 40	●Understanding and solution of word problems (Q 5 to 10) about fractions.		
		29.	Independence practice.	Page # 41	●Understanding and solution of Q 1 to 3 of independent practice.		
		30.	Independence practice.	Page # 41	●Understanding and solution of Q 4 and 5 of independent practice.		

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Mathematics	Class-7 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	Chapter #2, Fractions. Chapter#3, Decimals.			
May	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
11-May-15	15-May-15	31.	Reinforcement 2.5 to independent practice.	Page # 38-41	●Test of few sums of word problems and independent practice.	
		32.	Types of decimals.	Page # 44-46	●Understanding of terminating, non-terminating, recurring and non-recurring decimals, place value through definitions and examples.	
		33.	Addition and subtraction of decimals and reinforcement 3.1.	Page # 47	●Understanding and solution of Q 1 to 4 of exercise 3.1.	
		34.	Multiplication and division of the decimals.	page# 48-50	●Understanding and solution of examples of multiplication and division of decimals.	
		35.	Reinforcement 3.2.	Page # 51	●Understanding and solution of word problems 1 and 2.	

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8 /13 8 /30

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SUBJECT PERIODS	Class-7 40 min		TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods
MONTH	WEEK	PN	Chapter#3, Decimals.					
May	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
18-May-15	22-May-15	36.	Reinforcement 3.2.	Page # 51	●Understanding and solution of word problems 2 and 3.			
		37.	Conversion of fraction to decimal.	page# 52-54	●Understanding and solution of examples.			
		38.	Reinforcement 3.3.	Page # 55	●Understanding and solution of Q 1 to 3 of exercise 3.3.			
		39.	Reinforcement 3.3.	Page # 55	●Understanding and solution of Q 4 to 6 of exercise 3.3.			
		40.	Order of Operation. Reinforcement 3.4.	page# 56	●Understanding and solution of the sums of exercise 3.4 using BODMAS rule.			

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PLANNING WEEK

9 /13 9 /30

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Mathematics		Class-7 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	Chapter#3, Decimals. Chapter#4, Real Maths and Finance.		
June	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS	
25-May-15	29-May-15	41.	Reinforcement 3.5. page# 57-58	●Understanding and solution of word problems 1 to5.	
		42.	Reinforcement 3.5. page# 58	●Understanding and solution of word problems 6 to10.	
		43.	Independent practice. page# 59	●Understanding and solution of the sums of independent practice.	
		44.	Average. Reinforcement 4.1. Page# 61-63	●Understanding of average through examples. ●Understanding and solution of Q 1 to 5 about average.	
		45.	Reinforcement 4.1. page# 63-64	●Understanding and solution of Q 6 to 11 about average.	

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PLANNING WEEK

10/13 10/30

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Mathematics Class-7 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	Chapter#4, Real Maths and Finance.						
August	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS		
03-Aug-15	07-Aug-15	46.	Profit or gain and loss.	Page# 64-66		●Define and explain cost price, selling price, profit or gain and loss and solution of examples.			
		47.	Reinforcement 4.2.	page# 66-67		●Understanding and solution of the sums of exercise 4.2.			
		48.	Simple interest.	page# 67-69		●Understanding of simple interest through formula and examples. ●Understanding and solution of sums of exercise 4.3.			
		49.	Zakat and Ushr.	Page# 70-71		●Understanding of Zakat and Ushr through formula and examples. ●Understanding and solution of sums of exercise 4.4.			
		50.	Reinforcement 4.4	page# 72		●Understanding and solution of Q 1 to 7 of reinforcement 4.4			

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PLANNING WEEK

11/13 11/30

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Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#4, Real Maths and Finance. Chapter#5, Ratio, rate and proportion.			
August	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
10-Aug-15	14-Aug-15	51.	Real Maths and Finance.	Page# 64-72		●Test of few sums of exercises.
		52.	Independent practice.	page# 72-73		●Understanding and solution of sums of independent practice.
		53.	Ratio.	Page# 75-77		●Define and explain ratio through examples. ●Understanding and solution of Q 1 to 4 of reinforcement 5.1.
		54.	Ratio.	Page# 77		●Understanding and solution of Q 5 to 10 of reinforcement 5.1
		55.	Increase and decrease of the ratio.	Page# 77-79		●Understanding of increasing and decreasing of the ratio through examples. ●Understanding and solution of Q 1 to 7 of reinforcement 5.2.

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PLANNING WEEK

12 /13 12 /30

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Mathematics		Class-7 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	Chapter#5, Ratio, rate and proportion.		
August	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS
17-Aug-15	21-Aug-15	56.	Continued ratio. Reinforcement 5.3.	Page# 79-81	<ul style="list-style-type: none"> Understanding of continued ratio through examples and sums of exercise of 5.3.
		57.	Rate. Reinforcement 5.4.	Page# 81-83	<ul style="list-style-type: none"> Define and explain rate through examples. Understanding and solution of Q 1 to 2 of reinforcement 5.3.
		58.	Reinforcement 5.4.	Page#84	<ul style="list-style-type: none"> Understanding and solution of Q 3 to 7 of Reinforcement 5.4.
		59.	Speed.	Page# 84-86	<ul style="list-style-type: none"> Understanding of speed, average speed through formulae and examples. Understanding and solution of Q 1 to 5 of reinforcement 5.5.
		60.	Reinforcement 5.5.	Page# 84-86	<ul style="list-style-type: none"> Understanding and solution of Q 6 to 9 of reinforcement 5.5.

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PLANNING WEEK

13/13 13/30

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Mathematics Class-7 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	Chapter # 1, Sets. Chapter #2, Fractions. Chapter #3, Decimals. Chapter #4, Real life Maths and Finance . Chapter#5, Ratio, rate and proportion.		
August	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS	
24-Aug-15	28-Aug-15	61.	Sets. Page# 06-19	●Revision and test of few sums of ‘sets’.	
		62.	Fractions. Page# 20-41	●Revision and test of few sums of ‘Fractions.’	
		63.	Decimals. Page# 44-59	●Revision and test of few sums of ‘Real Decimals.’	
		64.	Real life Maths and Finance. Page# 61-73	●Revision and test of few sums of ‘Real life Maths and Finance.’	
		65.	Ratio, rate and proportion. Page# 75-86	●Revision and test of few sums of ‘Ratio, rate and proportion.’	

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PLANNING WEEK

1 /17 14/30

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Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#5, Ratio, rate and proportion.			
September	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
31-Aug-15	04-Sep-15	66.	Speed.	Page# 84-86	<ul style="list-style-type: none"> ●Understanding of speed, average speed through formulae and examples. ●Understanding and solution of Q 1 to 5 of reinforcement 5.5. 	
		67.	Reinforcement 5.5.	Page# 84-86	<ul style="list-style-type: none"> ●Understanding and solution of Q 6 to 9 of reinforcement 5.5. 	
		68.	Proportion. Reinforcement 5.6.	page# 87-88 page# 91	<ul style="list-style-type: none"> ●Understanding of the proportion through examples and solution of the Q 1 of exercise 5.6. 	
		69.	Type of proportional relationships. Reinforcement 5.6.	page# 88-89 page# 91	<ul style="list-style-type: none"> ●Understanding of direct and indirect proportion through examples. ●Understanding and solution of Q 2 to 4 of reinforcement 5.6. 	
		70.	Reinforcement 5.6.	page# 91	<ul style="list-style-type: none"> ●Understanding and solution of Q 5 to 9 of reinforcement 5.6. 	

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PLANNING WEEK

2 /17 15 /30

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Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#5, Ratio, rate and proportion. Chapter#6, Circle and Quadrilateral.			
October	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
05-Oct-15	09-Oct-15	71.	Speed to Reinforcement 5.6.	Page# 84-91		●Test of few examples and sums of the topic Speed to Reinforcement 5.6.
		72.	Independent Practice.	page# 92-93		●Understanding and solution of Q 1 to 6 of independent practice.
		73.	Independent Practice.	page# 92-93		●Understanding and solution of Q 7 to 12 of independent practice.
		74.	Circle and circumference.	Page# 95-96		●Define and explain the circle, center, circumference, radius, Chord, diameter, Semicircle and quadrant, Sector and segment, Arc, major and minor arc.
		75.	Drawing a circle.	page# 97-98		●Understanding the examples of drawing circles of the given radius. ●Understanding of the Property of semi circles and segment.

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PLANNING WEEK

3 /17 16/30

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

SUBJECT CODE
5227

Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#6, Circle and Quadrilateral.			
October	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
12-Oct-15	16-Oct-15	76.	Circle and circumference.	page# 95-98	●Test of the definitions of circle, center, circumference, radius, Chord, diameter, Semicircle and quadrant, Sector and segment, Arc, major and minor arc.	
		77.	Reinforcement 6.1.	page# 98	●Understanding and solution of Q 1 to 4 of reinforcement 6.1.	
		78.	Reinforcement 6.4.	page# 98	●Understanding and solution of Q 5 to 7of reinforcement 6.1.	
		79.	Quadrilateral.	Page# 99-100	●Define and explain the quadrilaterals and types of quadrilaterals through their properties.	
		80.	Examples.	Page# 100-101	●Understanding and solution of examples.	

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PLANNING WEEK

4 /17 17/30

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SUBJECT CODE
5227

Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#6, Circle and Quadrilateral.			
October	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
19-Oct-15	23-Oct-15	81.	Reinforcement 6.1 to Examples.	page# 80-101	●Test of definitions, sums and examples.	
		82.	Reinforcement 6.2.	page# 102-103	●Understanding and solution of Q 1(a, b, c, d, e, f) parts of reinforcement 6.2. ●Calculate the values of x, y and z.	
		83.	Reinforcement 6.2.	page# 102-103	●Understanding and solution of Q 1(g, h, i , j, k,) parts of reinforcement 6.2. ●Calculate the values of x, y and z.	
		84.	Construction of Quadrilaterals.	page# 104-105	●Understanding of construction of quadrilaterals.	
		85.	Reinforcement 6.3.	page# 105-106	●Understanding and solution of Q 1 to 6 of exercise 6.3.	

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PLANNING WEEK

5 /17 18/30

SUBJECT CODE

5227

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SUBJECT PERIODS		Class-7 40 min		TERM INFORMATION		I	Apr-Sep	13 weeks	1 to 13	65 periods	
						II	Oct-Mar	17 weeks	14 to 30	85 periods	
MONTH	WEEK	PN	Chapter#6, Circle and Quadrilateral.		Chapter#7, Lines and Angles.						
October	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS				
26-Oct-15	30-Oct-15	86.	Reinforcement 6.2 to 6.3.		Page# 102-106		●Test of few sums.				
		87.	Independent Practice.		page# 106-107		●Understanding and solution of sums of independent practice.				
		88.	Independent Practice.		page# 106-107		●Understanding and solution of sums of independent practice.				
		89.	Bisection of a line.		page# 109-110		●Understanding of bisection of a line through examples. ●Draw a line AB 6cm long and then bisect it. ●Draw an angle , ABC= 60° and bisect it.				
		90.	Reinforcement 7.1.		page# 111		●Understanding and solution of all sums of Reinforcement 7.1.				

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PLANNING WEEK

6 /17 19/30

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SUBJECT CODE
5227

Mathematics		Class-7 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	Chapter#7, Lines and Angles. Chapter#8, Area and Perimeter.			
November	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
02-Nov-15	06-Nov-15	91.	Construction of angles.	page# 111-112		●Understanding of the construction of the angles through examples.
		92.	Construction of angles.	page# 113-114		●Understanding of the construction of the angles through examples.
		93.	Reinforcement 7.2.	page# 115		●Understanding and solution of Q 1.
		94.	Independent practice.	page# 115		●Understanding and solution of sums of independent practice..
		95.	Area and perimeter.	Page# 117-118		●Define and explain the Area and perimeter of given shapes using formulae.

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PLANNING WEEK

7 /17 20/30

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SUBJECT CODE
5227

Mathematics		Class-7 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	Chapter#7, Lines and Angles. Chapter#8, Area and Perimeter.			
November	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
09-Nov-15	13-Nov-15	96.	Construction of angles to Area and perimeter. page#111-118		●Test of the Topic: 'construction of angles' to 'Area and perimeter'.	
		97.	Area of trapezium. page#119-120		●Understanding of area of trapezium through formula and examples.	
		98.	Reinforcement 8.1. page#121		●Understanding and solution of Q 1 and 2 of exercise 8.1.	
		99.	Reinforcement 8.1. page#122		●Understanding and solution of Q 3 and 4 of exercise 8.1.	
		100.	Area of the circles, semi-circles and quadrant. page#122-124		●Understanding of area of the circles, semi-circles and quadrant through formula and examples.	

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PLANNING WEEK

8 /17 21 /30

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SUBJECT CODE
5227

Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#8, Area and Perimeter.			
November	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
16-Nov-15	20-Nov-15	101.	Area of trapezium to Area of the circles, semi-circles and quadrant. page# 119-124			●Test of few sums of the Topic: Area of trapezium to Area of the circles, semi-circles and quadrant through examples and sums.
		102.	Reinforcement 8.2. page# 125			●Understanding and solution of Q 1 and 4 of exercise 8.2.
		103.	Reinforcement 8.2. page# 126			●Understanding and solution of Q 5 and 7 of exercise 8.2.
		104.	Area and perimeter of the composite shapes. Page#126-128			●Understanding of finding the area of composite figures by practicing examples.
		105.	Reinforcement 8.3. page# 126			●Understanding and solution of the sums of exercise 8.3.

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PLANNING WEEK

9 /17 22 /30

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SUBJECT CODE
5227

Mathematics		Class-7 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	Chapter#8, Area and Perimeter. Chapter#9, Polynomials.			
November	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
23-Nov-15	27-Nov-15	106.	Reinforcement 8.2 to 8.3.	page# 125-126	●Test of few sums of exercise 8.2 to 8.3.	
		107.	Independent practice.	Page# 129	●Understanding and solution of the sums of independent exercise from Q 1 to5.	
		108.	Independent practice.	Page# 129	●Understanding and solution of the sums of independent exercise from Q 6 to 10.	
		109.	Polynomials. Reinforcement 9.1.	page# 131-133	●Understanding of polynomial, variable, constant, exponent and degree of polynomials through examples. ●Understanding of addition and subtraction of the polynomials through example and solution of Q 1 and 2.	
		110.	Reinforcement 9.1.	page# 133	●Understanding and solution of the sums of reinforcement 9.1 from Q 3 to 6.	

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PLANNING WEEK

10/17 23/30

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SUBJECT CODE
5227

Mathematics		Class-7 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	Chapter#9, Polynomials.								
December	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS				
30-Nov-15	04-Dec-15	111.	Multiplication of the Polynomials.	page# 134-135		<ul style="list-style-type: none"> ●Understanding of multiplication of the Polynomials through examples. ●Understanding and solution of Q 1 and 2. 					
		112.	Multiplication of the Polynomials.	page# 135-136		<ul style="list-style-type: none"> ●Understanding and solution of Q 3 to 5. 					
		113.	Simplification of the polynomials.	page# 136-137		<ul style="list-style-type: none"> ●Understanding and solution of examples and sums. 					
		114.	Independent practice.	page#138-139		<ul style="list-style-type: none"> ●Understanding and solution of the sums of independent practice. 					
		115.	Independent practice.	page#138-139		<ul style="list-style-type: none"> ●Understanding and solution of the sums of independent practice.. 					

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PLANNING WEEK

11 /17 24 /30

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SUBJECT CODE
5227

Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#9, Polynomials. Chapter #10 Linear Equation.			
December	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
07-Dec-15	11-Dec-15	116.	Polynomials.	page# 131-139	●Test of sums of Chapter: Polynomials	
		117.	Mathematical sentence.	page# 141-143	●Understanding of mathematical sentence, closed sentence, open sentence and solution of examples.	
		118.	Reinforcement 10.1.	page# 144	●Understanding and solution of Q 1 to 3 of exercise 10.1.	
		119.	Reinforcement 10.1.	page# 144	●Understanding and solution of Q 4.	
		120.	Examples. Reinforcement 10.2.	page# 145-146	●Understanding and solution of examples. ●Understanding and solution of Q1 of exercise 10.2.	

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PLANNING WEEK

12 /17 25 /30

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SUBJECT CODE
5227

Mathematics		Class-7 40 min		TERM INFORMATION			
5 periods p/w 150 p/a				I	Apr-Sep	13 weeks	1 to 13
				II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter #10 Linear Equation.				
December	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS
14-Dec-15	18-Dec-15	121.	Reinforcement 10.1.	page# 144		●Test of few sums of 10.1.	
		122.	Reinforcement 10.2.	page# 146-147		●Understanding and solution of Q 2 and 3 of exercise 10.2.	
		123.	Real life problem.	Page# 147-148		●Understanding and solution of the examples of the word problems.	
		124.	Real life problem.	Page# 148-149		●Understanding and solution of the word problems from 1 to 5 of exercise 10.3.	
		125.	Independent practice.	page# 149		●Understanding and solution of the word problems from 6 to 10 of exercise 10.3.	

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PLANNING WEEK

13 /17 26 /30

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5227

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Mathematics		Class-7 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	Chapter #10 Linear Equation. Chapter#11, volume and surface area.			
January	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
04-Jan-16	08-Jan-16	126.	Independent practice.	page# 151	●Understanding and solution of the sums of independent practice.	
		127.	Cube and cuboid.	Page# 153-158	●Define and explain the cube and cuboid, volume, capacity, surface area. ●Understanding and solution of the examples.	
		128.	Reinforcement 11.1.	page#159-160	●Understanding and solution of the sums of exercise 11.1.	
		129.	Reinforcement 11.1.	page# 159-160	●Understanding and solution of the sums of exercise 11.1.	
		130.	Cylinder.	Page#160-161	●Understanding of volume and surface area of cylinder through examples.	

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PLANNING WEEK

14 /17 27 /30

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SUBJECT CODE
5227

Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#11, volume and surface area. Chapter#12, Information Handling.			
January	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
11-Jan-16	15-Jan-16	131.	Reinforcement 11.2.	Page# 162	●Understanding and solution of the sums of exercise 11.2.	
		132.	Independent practice.	page# 163	●Understanding and solution of the sums of independent practice.	
		133.	Data collection and grouped data.	Page# 165-168	●Understanding of data collection and grouped data through examples.	
		134.	Reinforcement 12.1.	Page# 169	●Understanding and solution of exercise 12.1.	
		135.	Reinforcement 12.1.	Page# 170	●Understanding and solution of exercise 12.1.	

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PLANNING WEEK

15 /17 28 /30

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SUBJECT CODE
5227

Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#11, volume and surface area. Chapter#12, Information Handling.			
January	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
18-Jan-16	22-Jan-16	136.	Reinforcement 11.2 to Reinforcement 12.1. Page# 162 -170		●Test of few sums of exercises.	
		137.	Pie chart and bar graph. Page# 170-175		●Understanding of pie chart and bar graph through examples.	
		138.	Reinforcement 12.2. Page# 176-177		●Understanding and solution of sums of exercise 12.2.	
		139.	Reinforcement 12.2. Page# 176-177		●Understanding and solution of sums of exercise 12.2.	
		140.	Independent practice. Page#178-179		●Understanding and solution of sums of independent practice.	

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PLANNING WEEK

16/17 29/30

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SUBJECT CODE 5227

Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#5 Ratio, Rate and Proportion. Chapter#6, Circle and Quadrilateral. Chapter#7, Lines and Angles.			
January	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
25-Jan-16	29-Jan-16	141.	Ratio, Rate and Proportion.	Page# 74-84		●Revision and test of few sums of ‘Ratio, Rate and Proportion’.
		142.	Ratio, Rate and Proportion.	Page# 85-93		●Revision and test of few sums of ‘Ratio, Rate and Proportion’.
		143.	Circle and Quadrilateral.	Page# 95-100		●Revision and test of few sums of Circle and Quadrilateral.
		144.	Circle and Quadrilateral.	Page# 101-107		●Revision and test of few sums of Circle and Quadrilateral.
		145.	Lines and Angles.	Page# 109-115		●Revision and test of few sums of Lines and Angles.

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PLANNING WEEK

17/17 30/30

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SUBJECT CODE
5227

Mathematics		Class-7 40 min	TERM INFORMATION			
5 periods p/w 150 p/a			I	Apr-Sep	13 weeks	1 to 13
			II	Oct-Mar	17 weeks	14 to 30
MONTH	WEEK	PN	Chapter#8, Area and Perimeter to Chapter#12, Information Handling.			
February	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
01-Feb-16	05-Feb-16	146.	Area and Perimeter.	Page# 117-129		●Revision and test of sums of ‘Area and Perimeter.
		147.	Polynomials.	Page# 131-139		●Revision and test of sums of Polynomials.
		148.	Linear equation.	Page# 141-151		●Revision and test of sums of ‘Linear equation.
		149.	Volume and Surface Area.	Page# 153-163		●Revision and test of sums of Volume and Surface Area.
		150.	Information Handling.	Page# 164-179		●Revision and test of sums of Information Handling.

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