### Maths | 5228

Syllabus outline for grade – 8

ACD[2.2H][DR]

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SYLLABUS INFORMATION

**Textbook** Talking Numbers Mathematics Book 8

Author [Noshi Usman]

**Publisher** [Fidem Education Network]

**ISBN** [978-969-9705-66-3]

**Developed by** [AFSS Team]

**Affiliation** employee ✓ outsource □

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	APRIL 20 teaching periods  MAY 23 teaching periods	Teaching Week:1/30 Week:1/52 5 periods  Teaching Week:5/30 Week:5/52 5 periods	Teaching Week: 2/30 Week:2/52 5 periods Teaching Week: 6/30 Week:6/52 5 periods	Teaching Week: 3/30 Week: 3/52 5 periods  Teaching Week: 7/30 Week: 7/52 5 periods	Teaching Week: 4/30 Week: 4/52 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
TERIV		Week 14 Holidays	Week 15 Holidays	Week 16 Holidays	Week 17 Holidays	Week 18 Holidays
FIRST	AUGUST  13teaching periods	Week 18 Holidays	Week 19 Holidays	Teaching Week:10/30 Week:20/52 4 periods	Teaching Week:11/30 Week:21/52 5 periods	TeachingWeek:12/30 Week:22/52 4 periods
	SEPTEMBER 7teaching periods	TeachingWeek:12/30 Week:22/52 1 periods	TeachingWeek:13/30 Week:23/52 5 periods	Teaching week:13/30. 1period. Week:24/52 Revision week	Week 25 1 <sup>st</sup> Term Examinations	Week 26  1 <sup>st</sup> Term Examinations and Result.



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		OCTOBER	TeachingWeek:14/30	TeachingWeek:15/30	TeachingWeek:16/30	TeachingWeek:17/30	TeachingWeek:18/30
		22teaching	Week:27/52	Week: 28/52	Week: 29/52	Week: 30/52	Week: 31/52
		periods	5 periods	5 periods	5 periods	5 periods	2 periods
		NOVEMBER	TeachingWeek:18/30	TeachingWeek:19/30	TeachingWeek:20/30	TeachingWeek:21/30	TeachingWeek:22/30
	~	22teaching	Week: 31/52	Week:32/52	Week:33/52	Week:34/52	Week:35/52
	ò	periods	3 periods	5 periods	5 periods	5 periods	4 periods
_	periods]	DECEMBER	TeachingWeek:22/30	TeachingWeek:23/30	Week 37	Week 38	Week 39
≥	5 р	6teaching periods	Week:35/52	Week:36/52	2 <sup>nd</sup> Mid term exams	2 <sup>nd</sup> Mid term exams	Holidays
TERM	<u>∞</u>		1 periods	5 periods			
9	δ. ∞	JANUARY	TeachingWeek:24/30	TeachingWeek:25/30	TeachingWeek:26/30	TeachingWeek:27/30	TeachingWeek:28/30
SECOND	atic	23teaching	Week:40/52	Week:41/52	Week:42/52	Week:43/52	Week:44/52
SE(	Mathematics	periods	5 periods	5 periods	5 periods	5 periods	3 periods
	the	FEBRUARY	TeachingWeek:28/30	TeachingWeek:29/30	TeachingWeek:30/30	Week 47	Week 48
	Ζa.	12teaching	Week: 44/52	Week:45/52	Week:46/52	Revision Work	Revision Work
		periods	2 periods	5periods	5 periods		
		MARCH	Week 48	Week 49	Week50	Week 51	Week 52
			Revision Work	Examinations	Examinations	Examinations	Holidays

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

W1 [1/13   1/30]	W2 [2/13   2/30]	W3 [3/13   3/30]	W4 [4/13   4/30]
Chapter#1, Sets Page # 07-14	Chapter#1, Sets Chapter#2, Number system. Page # 07-19	Chapter#1, Sets Chapter#2, Number system. Page # 13-25	Chapter#2, Number system. Page # 20-28
W5 [5/13   5/30] Chapter#2, Number system. Page # 24-31	W6 [6/13   6/30] Chapter#3, Real life Maths. Page# 32-41	W7 [7/13   7/30] Chapter#3, Real life Maths. Page# 35-45	W8 [8/13   8/30] Chapter#3, Real life Maths. Chapter#4 Congruent and similar figure. Page# 47-56
W17 [9/13   9/30]  Chapter#4 Congruent and similar figure. Page# 57-62	W10 Holidays	W11 Holidays	W12 Holidays
W13 Holidavs	W14 Holidavs	W15 Holidavs	W16 Holidays
W17	W18	W18 [10/13   10/30]	W19 [11/13   11/30]
Holidays	Holidays	Chapter#4 Congruent and similar figure. Chapter#5 Indices. Page# 61-73	Chapter#5 Indices. Page# 64-78
W20 [12/13   12/30] Chapter#5 Indices. Page# 73-81	W21 [13/13   13/30]  Chapter# 01-05. ( Revision and test). Page# 06-81	W23 Examinations	W24 Examinations
	Chapter#1, Sets Page # 07-14  W5 [5/13   5/30] Chapter#2, Number system. Page # 24-31  W17 [9/13   9/30] Chapter#4 Congruent and similar figure. Page# 57-62  W13 Holidays  W17 Holidays	Chapter#1, Sets Page # 07-14  Chapter#2, Number system. Page # 07-19  W5 [5/13   5/30]  Chapter#2, Number system. Page # 24-31  W17 [9/13   9/30]  Chapter#4 Congruent and similar figure. Page# 57-62  W13  Holidays  W14  Holidays  W17  W18  Holidays  W20 [12/13   12/30]  Chapter#5 Indices. Page# 73-81  Chapter# 01-05. ( Revision and	Chapter#1, Sets Page # 07-14  Chapter#2, Number system. Page # 07-19  W6 [6/13   6/30]  Chapter#2, Number system. Page # 13-25  W5 [5/13   5/30]  Chapter#2, Number system. Page # 13-25  W6 [6/13   6/30]  Chapter#2, Number system. Page # 24-31  Chapter#3, Real life Maths. Page# 32-41  Chapter#4 Congruent and similar figure. Page# 57-62  W13  W14  Holidays  W15  Holidays  W17  W18  Holidays  W18 [10/13   10/30]  Chapter#4 Congruent and similar figure. Chapter#4 Congruent and similar figure. Chapter#5 Indices. Page# 61-73  W20 [12/13   12/30]  Chapter#5 Indices. Page# 73-81  Chapter#01-05. (Revision and Examinations

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

OCTOBER	W25 [1/17   14/30]	W26 [2/17   15/30]	W27 [3/17   16/30]	W28 [4/17   17/30]
	Chapter#6, Algebra. Page# 82-89	Chapter#6, Algebra. Page# 82-93	Chapter#6, Algebra. Page# 89-96	Chapter#6, Algebra. Chapter#7, Linear Equations. Page# 93-102
NOVEMBER	W29 [5/17   18/30]	W30 [6/17   19/30]	W31 [7/17   20/30]	W32 [8/17   21/30]
	Chapter#7, Linear Equations. Page# 102-110	Chapter#7, Linear Equations. Page# 111-113	Chapter#7, Linear Equations. Chaptera#8, Pythagoras theorem and trigonometry. Page# 98-119	Chaptera#8, Pythagoras theorem and trigonometry. Page# 120-126
DECEMBER	W33 [9/17   22/30]	W34 [10/17   23/30]	W35	W36
	Chaptera#8, Pythagoras theorem and trigonometry. Chapter#9 Area and perimeter. Page# 114-130	Chapter#9 Area and perimeter. Page# 131-137	Holidays	Holidays
JANUARY	W37 [11/17   24/30]	W38 [12/17   25/30]	W39 [13/17   26/30]	W40 [14/17   27/30]
	Chapter#9 Area and perimeter. Chapter#10, Demonstrative geometry. Page# 129-144	Chapter#10, Demonstrative geometry. Page# 144-149	Chapter#10, Demonstrative geometry. Chapter#11, Volume and surface area. Page# 149-158	Chapter#11, Volume and surface area. Chapter#12, Statistics. Page# 158-170
FEBRUARY	W41 [15/17   28/30] Chapter#12, Statistics. Page# 171-179.	W42 [16/17   29/30] Chapter# 05 to 08. (Revision and Test).	W43 [17/17   30/30]  Chapter# 09 to 12. (Revision and Test). Page# 128-179	W44 Revision Work
		Page# 64-127		
MARCH	W45	W46	W47	W48



#### AIR FOUNDATION SCHOOL SYSTEM ®

SMS: Subject Outline – Mathematics8

Syllabus Breakup for Grade 8 | ACD[2.2H][DR]-5228

AFS-SMS-ACD-WI-8-2(2/8)

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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				
Mathematics I to VIII		150		
Urdu I to VIII	5	150	40 min	
Science I to VIII				
Social Studies I to VIII	4	120	40 111111	
Computers I to VIII				
Islamiyat I to VIII	3	90		
Art & Activity I to VIII				

#### SINDH REGION

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



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#### **PLANNING WEEK**

1 /13 1 /30

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

SUBJECT CODE

Mathematics	Class-8   40 m	in	TERM INFORMATION	ı	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 1	[150]	TOPIC CONTENT & PAGE N	UMBER			WORKBOOK OR AC	TIVITY CONTENTS
3-April-17	07-Apr-17	1.	Subsets.	Subsets. Page # 7-8		7-8	●Define and Explain the Subse number of Subsets, types of Subsets proper and improper subset, power sand superset through examples.	
	2.		Reinforcement 1.1.	page# 8-9			●Understanding and solution of Q 1, and 3 of reinforcement 1.1	
	3.	3.	Reinforcement 1.1.		page	e# 8-9	•Understanding and solution of Q 4, and 6 of reinforcement 1.1.	
		4.	Associative law of Union a	nd Interse	ction. Page #	<del>‡</del> 09-13	associative law of U	Understanding of Union and Intersection , examples and Venn
		5.	Reinforcement 1.2.		page	e# 13-14	•Understanding ar and 3 of exercise 1.	nd solution of Q 1, 2 2.



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#### **PLANNING WEEK**

### 2 /13 2 /30

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

SUBJECT CODE

	EW TEACHING			***************************************		IVIENT IT EFFE		5228	
Mathematics	Class-8   40 m	iin	TERM INFORMATION	<u> </u>	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	r# <mark>2, N</mark> um	ber system.				
April	Week 2	[150]	TOPIC CONTENT & PAGE N	TOPIC CONTENT & PAGE NUMBER				TIVITY CONTENTS	
05-Apr-15	10-Apr-15	6.	Sets.		Page# 07-1	4	sums of sets.	ns, examples and few and solution of Q 4, 5 2.	
		7.	Reinforcement 1.2.		page# 13-14	1	•Understanding at 10 of exercise 1.2.	nd solution of Q 7 to	
		8.	Independent practice.		Page # 15		•Understanding and of Independent pra	d solution of the sum ctice.	
		9.	Number System.		Page# 17-19		through definition a	Binary number systen	
		10.	Reinforcement 2.1.		page# 19			nd solution of Q 1 and	



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#### **PLANNING WEEK**

3 /13 3 /30

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

SUBJECT CODE

Na-414	Cl 0   40		TERMA INTEGRALATION	•	A C	42!	1 +- 12	5228
Mathematics	Class-8   40 m	nın	TERM INFORMATION	<u> </u>	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	r# <mark>2, N</mark> umk	er system.			
April	Week 3	[150]	TOPIC CONTENT & PAGE N	UMBER			WORKBOOK OR AC	TIVITY CONTENTS
13-Apr-15	17-Apr-15	11.	Reinforcement 1.2 to 2.1.		Page#	13-19	•Test of definition sums of sets and nur	s, examples and few mber system.
	12.		Addition and subtraction o	f binary n	<ul> <li>Understanding of addition ar subtraction of binary numbers througe examples.</li> <li>Understanding and solution of Q 1 and of exercise 2.2.</li> </ul>			
		13.	Multiplication of binary nu	mbers.	Page	# 20-21	binary numbers thro	f multiplication cough examples. I solution of Q 3and
		14.	Base 5 number system.		page# 2	2-23	system thro	f base 5 number ugh example: I solution of Q 1 and
		15.	Addition and subtraction o	f base 5 n	umber. Pa <sub>l</sub>	ge # 23-25	subtraction of base examples.	of addition an five numbers throug l solution of Q 1 and l.



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#### **PLANNING WEEK**

4 /13 4 /30
THIS IS OUR NEW TEACHING WEEK, PLAN IT CAREFULLY, FILL OUT THE FIFLDS TO IMPLEMENT IT FEFECTIVELY.

SUBJECT CODE

Mathematics	Class-8   40 m	in	TERM INFORMATION	1	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w			TERRIT INT CRITICAL	11	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	Chapter#2, Number system	n.				
April	Week 4	[150]	TOPIC CONTENT & PAGE N	UMBER			WORKBOOK OR AC	TIVITY CONTENTS
20-Apr-15	24-Apr-15	16. Addition and subtraction of binary numbers. Pag				ers. Page # 20-25 • Test of definitions, examples are sums of fractions.		s, examples and few
	17. Multiplication of binary numbers. Page# 24-25		<ul> <li>Understanding of multiplication of bas five numbers through examples.</li> <li>Understanding and solution of Q 3and of reinforcement 2.4.</li> </ul>					
		18.	Octal number system.		page	# 25-26	conversion of decorated octal into decimal the	octal number system, simal into octal and solution of Q 1
		19.	Reinforcement 2.5.		Page	e # 26	•Understanding an reinforcement 2.5.	d solution of Q 2 of
		20.	Addition, Subtraction an Page#26-28	d Multip	lication of o	ctal numbers.		addition, subtraction of octal numbers



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#### **PLANNING WEEK**

5 /13 5 /30
THIS IS OUR NEW TEACHING WEEK DIAN IT CAREELILLY FILL OUT THE FIELDS TO IMPLEMENT IT FEFECTIVELY

SUBJECT CODE

THIS IS OUR NEW TEACHING WEEK. PLAN IT CAREFULLY. FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.									
Mathematics	Class-8   40 m	in	TERM INFORMATION	ı	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, Number system	n.					
May	Week 1	[150]	TOPIC CONTENT & PAGE N	TOPIC CONTENT & PAGE NUMBER WORKBOOK OR ACTIVITY CONTE					
27-Apr-15	01-May-15	21.	'Multiplication of binary numbers' to 'addition, subtraction and multiplication of octal numbers'. Page # 24-28				•Test of few sums of exercises.		
		22.	Reinforcement 2.6.		Page # 28		•Understanding and of reinforcement 2.6	d solution of Q 1 and 5.	
		23.	Reinforcement 2.6.		Page # 28		•Understanding and of reinforcement 2.6	d solution of Q 3 and 5.	
		24.	Problem involving more th	an one nu	Page # 29-30	•Understanding and solution of example and sums of reinforcement 2.7.			
		25.	Reinforcement 2.4.		Page # 31	L	•Understanding and independent practic	d solution of sums o	



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#### **PLANNING WEEK**

6 /13 6 /30
THIS IS OUR NEW TEACHING WEEK PLAN IT CAREFULLY FILL OUT THE FIELDS TO IMPLEMENT IT FEFECTIVELY

SUBJECT CODE

THIS IS OUR N	THIS IS OUR NEW TEACHING WEEK. PLAN IT CAREFULLY. FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.									
Mathematics	Class-8   40 m	in	TERM INFORMATION	I	Apr-Sep	13 weeks	1 to 13	65 periods		
5 periods p/w	150 p/a			П	Oct-Mar	17 weeks	14 to 30	85 periods		
MONTH	WEEK	PN	Chapter #3, Real Life Maths.							
May	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACT	IVITY CONTENTS		
04-May-15	<b>04-May-15</b> 08-May-15		_							
		27.	Reinforcement 3.1.		Page # 35	5-36	_	85 periods  R ACTIVITY CONTENTS  g and solution of the rtnership and inheritance. g and solution of the word rtnership and inheritance g and solution of the word rtnership and inheritance g of exchange rate through tums. g and solution of Q 1 to 5 at 3.2. g of Insurance es and sums. g and solution of Q 1 to 5		
		28.	Reinforcement 3.1.		Page # 36	5-37	_			
			29.	Exchange rate.		Page # 37	7-39	examples and sums.	solution of Q 1 to 5	
	30.		Insurance.	Page # 40-41		<ul> <li>Understanding of Insurance through examples and sums.</li> <li>Understanding and solution of Q 1 to of reinforcement 3.3</li> </ul>				



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#### **PLANNING WEEK**

### 7 /13 7 /30 THIS IS OUR NEW TEACHING WEEK PLAN IT CAREELILLY FILL OUT THE FIELDS TO IMPLEMENT IT FEFECTIVELY

SUBJECT CODE

THIS IS OUR NEW TEACHING WEEK, PLANTI CAREFULLY, FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.								
Mathematics	Class-8   40 min		TERM INFORMATION	1	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w	150 p/a			П	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	Chapter #3, Real Life Maths	•				
May	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACT	TIVITY CONTENTS
11-May-15	15-May-15	31.	Reinforcement 3.1 to 3.3.	einforcement 3.1 to 3.3. Page # 35-41		•Test of few sums of exercises.		
		32.	Тах.		Page # 41-43		<ul> <li>Understanding of tax, sales tax or GS income tax and property tax through definitions and examples.</li> </ul>	
	33.		Reinforcement 3.4. Page # 43		e # 43	<ul> <li>Understanding and solution of sums reinforcement 3.4.</li> <li>Understanding and solution of sums reinforcement 3.4.</li> </ul>		
		34. Reinforcem		Page # 43				
		35.	Independent practice.		page#	‡ 44-4 <b>5</b>	•Understanding and independent practice	d solution of sums of



#### **PLANNING W**

8 /13 8 /30
THIS IS OUR NEW TEACHING WEEK. PLAN IT CAREFULLY. FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.

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SUBJECT	Class-8   40 m	nin	TERM INFORMATION	1	Apr-Sep	13 weeks	1 to 13	65 periods
PERIODS				Ш	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	Chapter #3, Real Life Maths	. Chap	ter #4, Congrue	ent and similar	figure.	
May	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACT	TIVITY CONTENTS
18-May-15	22-May-15	36.	Congruent and similar figur	e.	page# 47-	-50	•Understanding of Triangles) through examples.	congruent figures ( n definition and
		37.	Reinforcement 4.1.		Page # 51	-52	•Understanding and of exercise 4.1.	d solution of Q 1 to 2
		38.	Reinforcement 4.1.		Page # 52	-53	•Understanding and exercise 4.1.	d solution of Q 3 of
		39.	Similar figures.		Page # 53	3-55	•Understanding through examples a	of similar figures nd sums of 4.2.
		40.	Reinforcement 4.2.		Page # 55	-56	•Understanding and 4.2.	d solution of sums of



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#### **PLANNING WEEK**

9 /13 9 /30

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SUBJECT CODE 5228

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Mathematics	Class-8   40 m	in	TERM INFORMATION	ı	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 #4, Congruent and	Chapter #4, Congruent and similar figure.					
June	Week 1	[150]	TOPIC CONTENT & PAGE N	UMBER			WORKBOOK OR AC	TIVITY CONTENTS	
25-May-15	29-May-15	41.	Scales and Maps.		page# 57		•Understanding of through examples.	f scales and map	
		42.	Reinforcement 4.3.		page# 58		•Understanding an of reinforcement 4	d solution of Q 1 to 43.	
		43.	Reinforcement 4.3.		page# 58-59		•Understanding and solution of Q 5 to 1 of reinforcement 4.3.		
		44.	Reinforcement 4.3.		page# 59		•Understanding an 15 of reinforcement	d solution of Q 11 t 4.3.	
		45.	Independent Practice.		page# 61-62	2	•Understanding and of independent prac	d solution of the sum tice from 1 to 4.	

SMS: Subject Outline – Mathematics8

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#### **PLANNING WEEK**

### 10/13 10/30

THIS IS OUR NEW TEACHING WEEK, PLAN IT CARFFULLY, FILL OUT THE FIELDS TO IMPLEMENT IT FEFECTIVELY.

SUBJECT CODE

THIS IS OUR NEW TEACHING WEEK, PLAN IT CAREFULLY, FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.								5228
Mathematics	Class-8   40 m	nin	TERM INFORMATION	ı	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w	150 p/a			П	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	Chapter #4, Congruent an	Chapter #4, Congruent and similar figure. Chapter#5, Indices.				
August	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR AC	TIVITY CONTENTS
03-Aug-15	07-Aug-15	46.	Independent Practice.		page# 61-62	2	•Understanding and of independent prac	d solution of the sums
		47.	Indices.		page# 64-67		<ul><li>Define and explain</li><li>Understanding of</li><li>4.</li></ul>	n indices. indices rules from 1to
		48.	Indices. Reinforcement 5.1.		page# 68-69		about rules of indice	d solution of Q 1 and 2
		49.	Reinforcement 5.1.		Page# 69-70		•Understanding and of reinforcement 5.	d solution of Q 3 to 5
		50.	Negative power.		page# 70-73	1	•Understanding of zero power through	negative power and examples.



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#### **PLANNING WEEK**

### 11/13 11/30

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SUBJECT CODE 5228

Mathematics	Class-8   40 n	nin	TERM INFORMATION	ı	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, Indices.  TOPIC CONTENT & PAGE NUMBER						
August	Week 2	[150]					WORKBOOK OR ACTIVITY CONTENTS		
10-Aug-15	14-Aug-15	51.	Indices.		page# 64-73		•Test of few sums of	of exercises.	
		52.	Reinforcement 5.2.		page# 73		•Understanding and of reinforcement 5.2	l solution of Q 1 and 2.	
		53.	Reinforcement 5.2. Page# 73-74				•Understanding and solution of Q 3 a 4 of reinforcement 5.2.		
		54.	Scientific Notation.		Page# 74-77		•Understanding o through examples.	f scientific notatio	
0.1500		55.	Reinforcement 5.3.		Page# 78		•Understanding and of Reinforcement 5.	d solution of Q 1 to 3.	

SMS: Subject Outline – Mathematics8

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#### **PLANNING WEEK**

### 12/13 12/30

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

SUBJECT CODE 5228

Mathematics	Class-8   40 n	nin	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, Indices.						
August	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS		
17-Aug-15 21-Aug-15		56.	Reinforcement 5.2.	page# 73-78			●Test of sums of ex	ercise 5.2.	
		57.	Reinforcement 5.3.		Page# 78	<u> </u>	•Understanding an Reinforcement 5.3.	d solution of Q 4 of	
		58.	Reinforcement 5.3.		Page#78	-79	•Understanding and of Reinforcement 5.	d solution of Q 5 to 8	
		59.	Independent Practice.		Page# 80	1	•Understanding and of independent prac	I solution of Q 1 and 2 tice.	
		60.	Independent Practice.		Page# 80	-81	•Understanding and of independent prac	d solution of Q 3 to 5 tice.	



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#### **PLANNING WEEK**

### 13/13 13/30

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

SUBJECT CODE 5228

Mathematics	Class-8   40 min		TERM INFORMATION	ı	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, Number system. Chapter #3, Real life Maths. Chapter #4, Congruer similar figure. Chapter#5, Indices.						
August	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER WORKBO				WORKBOOK OR ACT	IVITY CONTENTS	
24-Aug-15 28-Aug-15		61.	Sets.	Page# 06-15			•Revision and test of few sums of 'sets'.		
		62.	Number System.		Page# 17-31		•Revision and test 'Number System'.	of few sums of	
		63.	Real life maths.		Page# 32-45		•Revision and test of life Maths.	of few sums of 'Real	
		64.	Congruent and similar figure.		Page# 46-63		•Revision and test 'Congruent and simil	of few sums of ar figure.	
		65.	Indices.		Page# 64-81		•Revision and test 'Indices'.	of few sums of	



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#### **PLANNING WEEK**

### 1 /17 14/30

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

SUBJECT CODE

NA-414'	Cl 0   40	•	TERRAINICORNALION		A C	42	1 +- 12	5228
Mathematics	Class-8   40 m	ın	TERM INFORMATION		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#6, Algebra					
September	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR AC	TIVITY CONTENTS
31-Aug-15 04-Sep-15		66.	Expansion and simplification. Page# 82-83			3	simplification of through examples.	of expansion and algebraic expression I solution of Q 1(a to the ent 6.1.
		67.	Reinforcement 6.1.		Page# 83		•Understanding and parts) of reinforcem	I solution of Q $1(g \text{ to } j)$ ent 6.1.
		68.	Algebraic rules.		page# 84-	85		d proving of algebraid th expansion and area
		69.	Algebraic rules.		page# 86-	88	rule 3 through 6 method.	d proving of algebraid expansion and area and solution of
		70.	Reinforcement 6.2.		page# 89		•Understanding and of reinforcement 6.2	d solution of Q 1 to 3



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#### **PLANNING WEEK**

### 2 /17 15/30

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

SUBJECT CODE

			N IT CAREFULLY. FILL OUT	THE FIEL					
Mathematics	Class-8   40 m	nin	TERM INFORMATION		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#6, Algebra						
October	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR AC	CTIVITY CONTENTS	
05-Oct-15	09-Oct-15	71.	Expansion and simp Page# 82-89	lification	To Rein	forcement6.2.	1	oles, rules and sums of ion and simplification 2'.	
		72.	Factorization.	ра	ge# 89-91		polynomials throu like •Common Factoriz •Factorization by and breaking middle	grouping, using rules e term.  f these methods by	
		73.	Reinforcement6.3.	pa	ge# 92-93			d solution of Q 1 and	
		74.	Reinforcement6.3.	pa	ge# 92-93		2 of Reinforcement	ven polynomials by	
		75.	Factorization of Quadratic	expression	n. page# 92	2-93	●Understanding	of factorization of n through examples	



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#### **PLANNING WEEK**

### 3 /17 16/30

SUBJECT CODE

THIS IS OUR N	<b>EW TEACHING \</b>	<b>NEEK. PLA</b>	N IT CAREFULLY. FILL OUT	THE FIEL	.DS TO IMPLE	MENT IT EFFE	CTIVELY.	5228	
Mathematics	Class-8   40 m	in	TERM INFORMATION	ı	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#6, Algebra						
October	Week 2	[150]	TOPIC CONTENT & PAGE N	UMBER			WORKBOOK OR AC	TIVITY CONTENTS	
12-Oct-15	16-Oct-15	76.	Factorization.		●Test of few sums of the Topi Factorization.				
		77.	Factorization of Quadratic	expressio	on. page	e# 93	•Understanding an of reinforcement 6.	d solution of the sums 4.	
		78.	Factorization by splitting th	ne middle	term. page	e# 93-95		factorization of the tting the middle term	
			79.	Reinforcement 6.5.		Pag	e# 95	•Understanding ar reinforcement 6.5.	nd solution of Q1 of
		80.	Reinforcement 6.5.		Pag	e# 96	•Understanding an reinforcement 6.5.	d solution of Q 2 of	



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#### PLANNING WEEK

### 4 /17 17 /30

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

SUBJECT CODE 5228

Mathematics	Class-8   40 m	in	TERM INFORMATION	1	Apr-Sep	13 weeks	1 to 13	65 periods	
5 periods p/w		111	TERIVITIVEORIVIATION	<u> </u>	Oct-Mar	17 weeks	14 to 30	85 periods	
5 perious p/w j							14 (0 30	65 perious	
MONTH	WEEK	PN	Chapter#6, Algebra and C	hapter#7	, Linear Equa	ations.			
October	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACT	TIVITY CONTENTS	
19-Oct-15	23-Oct-15	81.	Factorization of Quadratic expression. page# 93-96				•Test of few sums of the Topic Factorization of Quadratic expression.		
		82.	Independent Practice.		page#	96-97	•Understanding and independent practice	d solution of sums of	
		83.	Linear Equation.		page# 98	3-101	•Understanding of through definition a		
		84.	Reinforcement 7.1.		page# 10	)1	•Understanding and of reinforcement 7.1	solution of the Q 1	
		85.	Reinforcement 7.1.		page# 10	01-102	•Understanding and to 8 of reinforcemen	d solution of the Q 2 at 7.1.	

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#### **PLANNING WEEK**

SUBJECT	Class-8   40 min		TERM INFORMATION		Apr-Sep	13 weeks	1 to 13	65 periods
	Class-0   40 IIIIII		TERIVI INFORMATION	-	•			<u> </u>
PERIODS				II	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	Chapter# 7, Linear Equation	ns.				
October	Week 4	[150]	TOPIC CONTENT & PAGE NU	JMBER			WORKBOOK OR AC	TIVITY CONTENTS
26-Oct-15	30-Oct-15	86.	Simultaneous equations.		Page# 10	02-104	_	simultaneous equations practicing the examples
		87.	Reinforcement 7.2		page# 10	04	•Understanding ar reinforcement 7.2.	d solution of sums of
		88.	Substitution method.		page# 105	-108	•Understanding of practicing examples	substitution method by
		89.	Reinforcement 7.3.		page# 1	.08	•Understanding and substitution method	d solution of sums using
		90.	Cross multiplication method	d.	page# 10	08-110	•Understanding of method for solving e	•



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#### **PLANNING WEEK**

### 6 /17 19/30

SUBJECT CODE

THIS IS OUR N	EW TEACHING WE	EK. PLA	N IT CAREFULLY. FILL OUT T	HE FIE	LDS TO IMPLE	MENT IT EFFE	CTIVELY.	5228
Mathematics	Class-8   40 min		TERM INFORMATION	ı	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w	150 p/a	p/a II Oct-Mar 17 weeks 14 to 30					85 periods	
MONTH	WEEK	PN	Chapter# 7, Linear Equation	s.				

- p p-/	1 =  -/				
MONTH	WEEK	PN	Chapter# 7, Linear Equations.		
November	Week 1	[150]	TOPIC CONTENT & PAGE NUM	BER	WORKBOOK OR ACTIVITY CONTENTS
02-Nov-15	06-Nov-15	91.	Reinforcement 7.4.	page# 111	<ul> <li>Understanding and solution of sums of reinforcement 7.4.</li> </ul>
		92.	Real Life Application of Simu	ltaneous Equations. page# 111-112	<ul> <li>Understanding and solution of Q 1 to 6 of reinforcement 7.5.</li> </ul>
		93.	Real Life Application of Simu	ltaneous Equations. page# 112	<ul> <li>Understanding and solution of Q 7 to 12 of reinforcement 7.5.</li> </ul>
		94.	Independent practice.	page# 113	<ul> <li>Understanding and solution of sums of independent practice.</li> </ul>
		95.	Independent practice.	page# 113	<ul> <li>Understanding and solution of sums of independent practice.</li> </ul>



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#### **PLANNING WEEK**

### 7 /17 20/30

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

SU	BJ	E	C-	Γ	C	O	D	ı
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THIS IS OUR IN	S OUR NEW TEACHING WEEK, PLAN IT CAREFULLY, FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.								
Mathematics	Class-8   40 m	nin	TERM INFORMATION	- 1	Apr-Sep	13 weeks	1 to 13	65 periods	
5 periods p/w	150 p/a			П	Oct-Mar	17 weeks	14 to 30	85 periods	
MONTH	WEEK	PN	Chapter# 7, Linear Equation	Chapter# 7, Linear Equations. Chapter#8, Pythagoras theorem and Trigonometry					
November	Week 2	[150]	TOPIC CONTENT & PAGE NUMBER WORKBOOK OR A					TIVITY CONTENTS	
09-Nov-15	13-Nov-15	96.	Linear Equations. Page# 98-113				Test of examples and sums of Line equations.		
		97.	Pythagoras theorem.		Page# 114	-117		proof 1 and 2 of n by investigation and	
		98.	Reinforcement 8.1.		page#11	18-119	examples.	and solution of solution of Q 1 to 3.	
		99.	Reinforcement 8.1.		page# 1	119	•Understanding and 7 of exercise 8.1.	l solution of Q 4 and	
	100.		Reinforcement 8.1.		page# 1	119	•Understanding and 10of exercise 8.1.	l solution of Q 8 and	



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#### **PLANNING WEEK**

### 8 /17 21/30

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

SUBJECT CODE

THIS IS OUR N	DUR NEW TEACHING WEEK. PLAN IT CAREFULLY. FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.							5228
Mathematics	Class-8   40 m	in	TERM INFORMATION	1	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, Pythagoras the	orem and	l Trigonometry	/ <b>.</b>		•
November	Week 3	[150]	TOPIC CONTENT & PAGE N	UMBER			WORKBOOK OR AC	CTIVITY CONTENTS
16-Nov-15	20-Nov-15	101.	Trigonometric ratio.		page# 12	20-122	ratio's through trial •Understanding hypotenuse and bas	of perpendicular e of the triangle. values of Sine, Cosine,
		102.	Trigonometric ratio.		page# 12	22-123	•Understanding a examples.	nd solution of the
		103.	Reinforcement 8.2.		page# 12	24	•Understanding an and 2 of reinforcem	d solution of the Q 1 ent 8.2.
		104.	Reinforcement 8.2.		page# 12	24	•Understanding an and 2 of reinforcem	d solution of the Q 1 ent 8.2
		105.	Real life application of trig	onometry	v. page# 12	25-126	in real life problems	e use of trigonometry s. d solution of Q 1 to 3



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#### **PLANNING WEEK**

9 /17 22/30

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THIS IS OUR NEW TEACHING WEEK. PLAN IT CAREFULLY. FILL OUT THE FIELDS TO IMPLEMENT IT EFFECTIVELY.								
Mathematics	Class-8   40 m	nin	TERM INFORMATION	ı	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, Pythagoras the	orem and	l Trigonometry	. Chapter#9 A	rea and perimeter.	
November	Week 4	[150]	TOPIC CONTENT & PAGE N	PIC CONTENT & PAGE NUMBER WORKBOOK OR AC				
23-Nov-15	27-Nov-15	106.	Pythagoras theorem to r page# 114-126	•Test of few sums of exercise 8.2 to 8.3.				
		107.	Reinforcement 8.3.		page# 12	•Understanding and solution of Q 4 t of exercise 8.3.		
		108.	Independent practice.		Page# 12	7	•Understanding and of independent pract	
		109.	Hero's formula.		page# 129	-130	•Understanding of through examples.	f hero's formu
		110.	Reinforcement 9.1.		page# 130		•Understanding and	solution of Q 1 to 3



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#### **PLANNING WEEK**

### 10/17 23/30

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

SUBJECT CODE 5228

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Mathematics	Class-8   40 min		TERM INFORMATION	ı	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 Area and perim	Chapter#9 Area and perimeter.					
December	Week 1	[150]	TOPIC CONTENT & PAGE N	IUMBER WORKBOOK OR ACTIVITY				TIVITY CONTENTS	
30-Nov-15	04-Dec-15	111.	Area and perimeter of composite shapes. page# 131-133				•Understanding of area and perimeter of composite shapes through examples.		
		112.	Reinforcement 9.2. page# 134-135		-135	•Understanding and solution of Q 1 ar 2.			
		113.	Reinforcement 9.2.		page# 135	-136	•Understanding and	solution of Q 3 to 6.	
		114.	Independent practice. page#137		<ul> <li>Understanding and solution of the su of independent practice.</li> </ul>				
O AFCC		115.	Independent practice.		page#13	7	Understanding and of independent practice.	d solution of the sums ctice.	

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#### **PLANNING WEEK**

### 11/17 24/30

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

SUBJECT CODE 5228

								55
Mathematics	Class-8   40 m	in	TERM INFORMATION	ı	Apr-Sep	13 weeks	1 to 13	65 periods
5 periods p/w	150 p/a			П	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	Chapter#9 Area and perime	ter. Ch	apter#10 Demo	onstrative Geor	metry.	
December	Week 2	[150]	TOPIC CONTENT & PAGE NU	JMBER			WORKBOOK OR AC	TIVITY CONTENTS
07-Dec-15	11-Dec-15	116.	Chapter#9 Area and perime	ter.	page# 129	9-137	•Test of sums or perimeter.	f Chapter: Area an
		117. Angle-An introduction.			page# 13	8-139	•Introduction and angle, axioms and and corollary throu	postulates, Theorem
		118.	Intersecting lines.		page# 140	0-141	•Understanding an 1 and 2.	d proving of theorem
		119.	Examples.		page# 142	2-143	<ul><li>Understanding a examples.</li></ul>	nd solution of th
© VECC		120.	Reinforcement 10.1.		page# 143	3-144	•Understanding an exercise 10.1.	d solution of sums o



### AIR FOUNDATION SCHOOL SYSTEM \* SMS: Subject Outline – Mathematics8

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#### **PLANNING WEEK**

### 12/17 25/30

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

SUBJECT CODE 5228

Mathematics	Class-8   40 m	in	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 Demonstrative	e Geomet	ry.			
December	Week 3	[150]	TOPIC CONTENT & PAGE N	IUMBER			WORKBOOK OR AC	TIVITY CONTENTS
14-Dec-15	18-Dec-15	121.	Triangles.		page# 144-14	45	•Understanding are theorem 3, 4 and 5.	nd solution of the
	122.		Examples.		page# 146-14	17	<ul><li>Understanding examples.</li></ul>	and solution
		123.	Reinforcement 10.2.		Page# 147-1	48	•Understanding and of 10.2.	l solution of the sur
		124.	Reinforcement 10.2.		Page# 147-1	48	•Understanding and of 10.2.	l solution of the sur
		125.	Independent practice.		page# 14	19	•Understanding and independent practice	



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#### **PLANNING WEEK**

### 13/17 26/30

**SUBJECT CODE** THIS IS OUR NEW TEACHING WEEK, PLAN IT CARFFULLY, FILL OUT THE FIELDS TO IMPLEMENT IT FEFFCTIVELY. 5228

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Mathematics	Class-8   40	0 min	TERM INFORMATION	1	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 Demonstrative	e Geomet	ry. Chapter#1	11, Volume and	Surface Area.	
January	Week 1	[150]	TOPIC CONTENT & PAGE N	ITENT & PAGE NUMBER WORKBOOK OR ACTIVITY CONT				TIVITY CONTENTS
04-Jan-16	08-Jan-16	126.	Independent practice. page# 149				•Understanding and independent practice	d solution of sums of
	127. Volume and surface area. Page# 150-153		50-153	<ul> <li>Define and explain the cone, rad height, slant height, volume of cone a surface area of the cone throu diagrams.</li> </ul>				
		128.	Volume and surface area.		page#15	54-157	•Understanding a examples.	nd solution of the
		129.	Reinforcement 11.1.		page# 1	.57	•Understanding and of exercise 11.1 from	I solution of the sums n 1 to 3.
		130.	Reinforcement 11.1.		page# 1	58	•Understanding and of exercise 11.1 from	I solution of the sums m 4 to 6.



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#### **PLANNING WEEK**

### 14/17 27/30

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

SUBJECT CODE

Mathematics	Class-8   40 m	nin	TERM INFORMATION	ı	Apr-Sep	13 weeks	1 to 13	65 periods	
5 periods p/w			TERRIT IN CRITICAL	·	Oct-Mar	17 weeks	14 to 30	85 periods	
MONTH	WEEK	PN	Chapter#11, Volume and S	urface Ar	ea. Chapter#1	L2 Statistics.			
January	Week 2	[150]	TOPIC CONTENT & PAGE N	UMBER			WORKBOOK OR AC	TIVITY CONTENTS	
11-Jan-16	15-Jan-16	131.	. •				•Understanding and of exercise 11.1 fro	d solution of the sums m 7 to 10.	
		132.	Sphere.		page# 1	59-162	sphere, and surf	Understanding of sphere, volume of here, and surface area of sphere rough definitions and examples.	
		133.	Reinforcement 11.2.		page# 1	62-163	•Understanding and of exercise 11.2.	d solution of the sums	
		134.	Independent practice.		page#	164	•Understanding and of independent pra	d solution of the sums	
		135.	Statistics. Reinforcement 12.1.		Page# 1 Page# 16		frequency distribution display through exa	mples. d solution of Q 1 to 5	

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#### **PLANNING WEEK**

### 15/17 28/30

THIS IS OUR NEW TEACHING WEEK, PLAN IT CAREFULLY, FILL OUT THE FIFLDS TO IMPLEMENT IT FFFFCTIVELY.

SUBJECT CODE

Mathematics	Class 9 I 40 m	nin	TERM INFORMATION	1	Anr Son	12 wooks	1 to 13	65 periods
			TERIVITINFORIVIATION		Apr-Sep	13 weeks		<u> </u>
5 periods p/w   150 p/a				II	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	Chapter#12 Statistics.					
January	Week 3	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
18-Jan-16	22-Jan-16 136. 137.		Statistical average. Page# 171-175		71-175	<ul> <li>Understanding of Mean, Weighted Mean, Median and Mode through examples.</li> <li>Understanding and solution of sums of exercise 12.2.</li> </ul>		
			Reinforcement 12.2. Page# 175-176		175-176	•Understanding and solution of sums of exercise 12.2.		
		138.	Reinforcement 12.2.		Page# 1	176-177	•Understanding and exercise 12.2.	d solution of sums of
		139.	Independent practice.		Page# 1	177-178	•Understanding and independent practice	d solution of sums of e.
		140.	Independent practice.		Page# 1	178-179	•Understanding and independent practice	d solution of sums of e.

### SMS: Subject Outline – Mathematics8

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#### **PLANNING WEEK**

### 16/17 29/30

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

SUBJECT CODE **5228** 

Mathematics	Class-8   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 Indices. Chapte trigonometry.	r#6 Algeb	ora. Chapter#	7, Linear equat	ions. Chapter#8, Pyth	agoras theorem and	
January	Week 4	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS		
25-Jan-16	29-Jan-16	141.	Indices.		Page# 64-	72	•Revision and tes	t of few sums of	
		142.	Indices.		Page# 73-	81	•Revision and tes	t of few sums of	
		143.	Algebra.		Page# 82-	97 .	•Revision and tes 'Algebra'.	t of few sums of	
		144.	Linear equations.		Page# 98-1	113	•Revision and test o equations'.	f few sums of 'Linear	
		145.	Pythagoras theorem and to	rigonome	try. Page# 114	-127	•Revision and tes  Pythagoras theorem	t of few sums of and trigonometry.	



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#### **PLANNING WEEK**

### 17/17 30/30

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

SUBJECT CODE 5228

Mathematics	Class-8   40 min		TERM INFORMATION	ı	Apr-Sep	13 weeks	1 to 13	65 periods	
5 periods p/w   150 p/a				П	Oct-Mar	17 weeks	14 to 30	85 periods	
MONTH	WEEK	PN	Chapter#9, Area and Perimet Chapter#12, Statistics.	ter. Ch	napter#10, Den	nonstrative Geo	ometry. Chaqpter#11,	Volume and Area.	
February	Week 1	[150]	TOPIC CONTENT & PAGE NUMBER WOR				WORKBOOK OR ACT	VORKBOOK OR ACTIVITY CONTENTS	
01-Feb-16	05-Feb-16	146.	Area and Perimeter.		Page# 128-137		•Revision and test of sums of 'Area and Perimeter.		
		147.	Demonstrative Geometry.		Page# 138-1	42	•Revision and t 'Demonstrative Geo	est of sums of metry'.	
		148.	Demonstrative Geometry.		Page# 143-14	19	•Revision and t	est of sums of metry'.	
		149.	Volume and Surface Area.		Page# 150-1	65	•Revision and test and Surface Area.	of sums of Volume	
		150.	Statistics.	Page# 166-179			•Revision and test of sums of <b>Statistics</b> .		