

# Science | 5247

## Syllabus outline for grade – VII

ACD[2.4G][DR]

Air Foundation School System  
92, Street 6, G-8/2, Islamabad

### SYLLABUS INFORMATION

**Textbook** SCIENCE- VII  
**Author** BOOK BRO  
**Publisher** MD,AIR FOUNDATION PUBLICATION  
**ISBN** BRO SCIENCE 1B87

**Developed by** AFSS TEAM  
**Affiliation** employee  outsource   
**Implementation** Friday, April 1, 2016

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FIRST TERM Science7 [65 periods]	APRIL 20 teaching periods	Teaching Week 1 1-13 (1/30)   5 periods	Teaching Week 2 2-13 (2/30)   5 periods	Teaching Week 2 3-13 (3/30)   5 periods	Teaching Week 4 4-13 (4/30)   5 periods
	MAY 20 teaching periods	Teaching Week 5 5-13 (5/30)   5 periods	Teaching Week 6 6-13 (6/30)   5 periods	Teaching Week 7 7-13 (7/30)   5 periods	Teaching Week 8 8-13 (8/30)   5 periods
	JUNE	Week 9 <b>Holidays</b>	Week 10 <b>Holidays</b>	Week 11 <b>Holidays</b>	Week 12 <b>Holidays</b>
	JULY	Week 13 <b>Holidays</b>	Week 14 <b>Holidays</b>	Week 15 <b>Holidays</b>	Week 16 <b>Holidays</b>
	AUGUST 20 teaching periods	Teaching Week 17 9-13 (9/30)   5 periods	Teaching Week 18 10-13 (10/30)   5 periods	Teaching Week 19 11-13 (11/30)   5 periods	Teaching Week 20 12-13 (12/30)   5 periods
	SEPTEMBER 5 teaching periods	Teaching Week 21 13-13 (13/30)   5 periods	Week 22 <b>Revision Work</b>	Week 23 <b>Examinations</b>	Week 24 <b>Examinations</b>
SECOND TERM Science7 [85 periods]	OCTOBER 20 teaching periods	Teaching Week 25 1-17 (14/30)   5 periods	Teaching Week 26 2-17 (15/30)   5 periods	Teaching Week 27 3-17 (16/30)   5 periods	Teaching Week 28 4-17 (17/30)   5 periods
	NOVEMBER 20 teaching periods	Teaching Week 29 5-17 (18/30)   5 periods	Teaching Week 30 6-17 (18/30)   5 periods	Teaching Week 31 7-17 (20/30)   5 periods	Teaching Week 32 8-17 (21/30)   5 periods
	DECEMBER 10 teaching periods	Teaching Week 33 9-17 (22/30)   5 periods	Teaching Week 34 10-17 (23/30)   5 periods	Week 35 <b>Holidays</b>	Week 36 <b>Holidays</b>
	JANUARY 20 teaching periods	Teaching Week 37 11-17 (24/30)   5 periods	Teaching Week 38 12-17 (25/30)   5 periods	Teaching Week 39 13-17 (26/30)   5 periods	Teaching Week 40 14-17 (27/30)   5 periods
	FEBRUARY 15 teaching periods	Teaching Week 41 15-17 (28/30)   5 periods	Teaching Week 42 16-17 (29/30)   5 periods	Teaching Week 43 17-17 (30/30)   5 periods	Week 44 <b>Revision Work</b>
	MARCH	Week 45 <b>Revision Work</b>	Week 46 <b>Examinations</b>	Week 47 <b>Examinations</b>	Week 48 Holidays



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

APRIL	W1 [1/13   1/30] Chapter#1 Ourselves page#2-5	W2 [2/13   2/30] Chapter#1 Ourselves page#2-9	W3 [3/13   3/30] Chapter#1 Ourselves page#6-10	W4 [4/13   4/30] Chapter#1 Ourselves page#10-19
MAY	W5 [5/13   5/30] Chapter#1 Ourselves page#14-26	W6 [6/13   6/30] Chapter#1 Ourselves Chapter#2 Earth as Living Planet page#20-29	W7 [7/13   7/30] Chapter#2 Earth as Living Planet page#30-39	W8 [8/13   8/30] Chapter#2 Earth as Living Planet page#36-46
JUNE	W9 Holidays	W10 Holidays	W11 Holidays	W12 Holidays
JULY	W13 Holidays	W14 Holidays	W15 Holidays	W16 Holidays
AUGUST	W17 [9/13   9/30] Chapter#3 Plant World page#48-53	W18 [10/13   10/30] Chapter#3 Plant World page#53-58	W19 [11/13   11/30] Chapter#3 Plant World Chapter#2 Earth as Living Planet Revision and Test page#28-58	W20 [12/13   12/30] Chapter#1 Ourselves Chapter#2 Earth as Living Planet Revision and Test page#6-46
SEPTEMBER	W21 [13/13   13/30] Chapter#1 Ourselves Revision and Test page#11-26	W22 Revision Work	W23 Examinations	W24 Examinations



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

OCTOBER	W25 [1/17   14/30] Chapter#4 Chemistry page#60-65	W26 [2/17   15/30] Chapter#4 Chemistry page#60-65	W27 [3/17   16/30] Chapter#4 Chemistry page#66-73	W28 [4/17   17/30] Chapter#4 Chemistry page#66-77
NOVEMBER	W29 [5/17   18/30] Chapter#4 Chemistry page#74-81	W30 [6/17   19/30] Chapter#4 Chemistry page#78-92	W31 [7/17   20/30] Chapter#4 Chemistry page#84-96	W32 [8/17   21/30] Chapter#4 Chemistry page#94-98
DECEMBER	W33 [9/17   22/30] Chapter#4 Chemistry Chapter#5 Physics page#100-104	W34 [10/17   23/30] Chapter#5 Physics page#104-111	W35 Holidays	W36 Holidays
JANUARY	W37 [11/17   24/30] Chapter#5 Physics page#110-120	W38 [12/17   25/30] Chapter#5 Physics Chapter#6 Earth and Beyond Page#111-129	W39 [13/17   26/30] Chapter#6 Earth and Beyond Page#124-133	W40 [14/17   27/30] Chapter#6 Earth and Beyond Page#132-135
FEBRUARY	W41 [15/17   28/30] Chapter#4 Chemistry Revision and Test page#60-92	W42 [16/17   29/30] Chapter#4 chemistry Chapter#5 Physics Revision and Test page#93-111	W43 [17/17   30/30] Chapter#5 Physics Chapter#6 Earth and Beyond Revision and Test Page#111-135	W44 Revision Work
MARCH	W45 Revision Work	W46 Examinations	W47 Examinations	W48 Holidays



## 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**

SUBJECT CODE

5247

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

SUBJECT PERIODS		CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE								
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER					WORKBOOK OR ACTIVITY CONTENTS			
04-Apr-16	08-Apr-16	1.	Chapter#1 Ourselves page#2					Reading and Explanation of Topic 1.1 Human Organs through diagram and draw and label the digestive system. Page#2			
		2.	Chapter#1 Ourselves page#2					Test of diagram of Digestive System.page#2			
		3.	Chapter#1 Ourselves page#3					Reading and Explanation of Topic 1.1 Human Organs through diagram. Page#3			
		4.	Chapter#1 Ourselves page#4					Reading and Explanation of Topic 1.1 Human Organs through diagram. Page#4			
		5.	Chapter#1 Ourselves page#5					Reading and Explanation of Topic 1.1 Human Organs through diagram. Page#5			

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**PLANNING WEEK**

**2 /13 2 /30**

SUBJECT CODE
<b>5247</b>

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SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
11-Apr-16	15-Apr-16	6.	Chapter#1	Ourselves	page#2-5	Test of Topic 1.1 Human Organs through diagram. Page#2-5
		7.	Chapter#1	Ourselves	page#6	Reading and Explanation of Topic 1.1 Human Organs(Respiratory system) through diagram. Page#6
		8.	Chapter#1	Ourselves	page#7	Reading and Explanation of Topic 1.1 Human Organs (Respiratory system) through diagram. Page#7
		9.	Chapter#1	Ourselves	page#8	Reading and Explanation of Topic 1.2 Transportation System in Humans through diagram. Page#8
		10.	Chapter#1	Ourselves	page#9	Reading and Explanation of Topic 1.2 Transportation System in Humans through diagram. Page#9

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**PLANNING WEEK**

**3 /13 3 /30**

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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
18-Apr-16	22-Apr-16	11.	Chapter#1	Ourselves	page#6	Test of Topic 1.1 Human Organs (Respiratory system) through diagram. Page#6	
		12.	Chapter#1	Ourselves	page#7	Test of Topic 1.1 Human Organs (Respiratory system) through diagram. Page#7	
		13.	Chapter#1	Ourselves	page#8	Test of Topic 1.2 Transportation System in Humans through diagram. Page#8	
		14.	Chapter#1	Ourselves	page#9	Test of Topic 1.2 Transportation System in Humans through diagram. Page#9	
		15.	Chapter#1	Ourselves	page#10	Reading and Explanation of Topic 1.2 Transportation System in Humans through diagram. Page#10	

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**PLANNING WEEK**

**4 /13 4 /30**

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SUBJECT PERIODS		CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE					
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER				WORKBOOK OR ACTIVITY CONTENTS	
25-Apr-16	29-Apr-16	16.	Chapter#1 Ourselves	page#10	Test of Topic 1.2 Transportation System in Humans through diagram. Page#10			
		17.	Chapter#1 Ourselves	page#11-13	Understanding and solution of activity no.1. page#11-13			
		18.	Chapter#1 Ourselves	page#11-13	Test of activity no.1. page#11-13			
		19.	Chapter#1 Ourselves	page#14-16	Understanding and solution of activity no.1. page#14-16			
		20.	Chapter#1 Ourselves	page#17-19	Understanding and solution of activity no.1. page#17-19			

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**PLANNING WEEK**

**5 /13 5 /30**

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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
02-May-16	06-May-16	21.	Chapter#1 Ourselves	page#14-19	Test of activity no.1. page#14-19		
		22.	Chapter#1 Ourselves	page#20-21	Understanding and solution of activity no.2 and3. page#20-21		
		23.	Chapter#1 Ourselves	page#22-23	Understanding and solution of activity no3 and Lets to do. page#22-23		
		24.	Chapter#1 Ourselves	page#24	Understanding and solution of activity Lets to do. page#24		
		25.	Chapter#1 Ourselves	page#25-26	Understanding and solution of Lets to do. page#25-26		

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**PLANNING WEEK**

**6 /13 6 /30**

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SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
09-May-16	13-May-16	26.	Chapter#1 Ourselves	page#20-21	Test of activity no.2 and3. page#20-21	
		27.	Chapter#1 Ourselves	page#22-23	Test of activity no3 and Lets to do. page#22-23	
		28.	Chapter#1 Ourselves	page#24	Revisionand test of activity Lets to do. page#24	
		29.	Chapter#1 Ourselves	page#25-26	Revision and Test of Lets to do. page#25-26	
		30.	Chapter#2 Earth as a Living Planet	page#28-29	Reading and explanation of the Topic 2.1 Environment. Page#28-29	

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**PLANNING WEEK**

**7 /13 7 /30**

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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE					
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
16-May-16	20-May-16	31.	Chapter#2 Earth as a Living Planet	page#30-31	Reading and explanation of the Topic 2.1 Environment. Page#30-31			
		32.	Chapter#2 Earth as a Living Planet	page#32-33	Reading and explanation of the Topic 2.1 Environment. Page#32-33			
		33.	Chapter#2 Earth as a Living Planet	page#34-35	Reading and explanation of the Topic 2.1 Environment. Page#34-35			
		34.	Chapter#2 Earth as a Living Planet	page#36-37	Understanding and solution of activity no1. page#36-37			
		35.	Chapter#2 Earth as a Living Planet	page#38-39	Understanding and solution of activity no.1. page#38-39			

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**PLANNING WEEK**

**8 /13 8 /30**

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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
23-May-16	27-May-16	36.	Chapter#2 Earth as a Living Planet	page#36-37	Test of activity no.1. page#36-37		
		37.	Chapter#2 Earth as a Living Planet	page#38-39	Test of activity no.1. page#38-39		
		38.	Chapter#2 Earth as a Living Planet	page#41-42	Understanding and solution of activity no.2and 3. page#41-42		
		39.	Chapter#2 Earth as a Living Planet	page#43-44	Understanding and solution of activity Lets to do. page#43-44		
		40.	Chapter#2 Earth as a Living Planet	page#45-46	Understanding and solution of activity Lets to do. page#45-46		

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**PLANNING WEEK**

9 /13 9 /30

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SUBJECT PERIODS	CLASS & TIME	TERM INFORMATION				65 periods
		I	Apr-Sep	13 weeks	1 to 13	
		II	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
30-May-16	03-Jun-16	41.	Chapter#3 Plant world	Page#48	Reading and explanation of the Topic 3.1 Reproduction in Plants .Also Draw and label the Diagram. Page#48	
		42.	Chapter#3 Plant world	Page#49	Reading and explanation of the Topic 3.1 Reproduction in Plants. Page#49	
		43.	Chapter#3 Plant world	Page#50	Reading and explanation of the Topic 3.1 Reproduction in Plants. Page#50	
		44.	Chapter#3 Plant world	Page#51	Reading and explanation of the Topic 3.1 Reproduction in Plant through diagrams. Page#51	
		45.	Chapter#3 Plant world	Page#52-53	Reading and explanation of the Topic 3.1 Reproduction in Plant through diagrams. Page#52-53	

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**PLANNING WEEK**

**10/13 10/30**

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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE					
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
15-Aug-16	20-Aug-16	46.	Chapter#3 Plant world	Page#53-54	Understanding and solution of activity no1 and 2. page#53-54			
		47.	Chapter#3 Plant world	Page#55	Understanding and solution of activity no.2. page#55			
		48.	Chapter#3 Plant world	Page#56	Understanding and solution of activity Lets do it. page#56			
		49.	Chapter#3 Plant world	Page#57	Understanding and solution of activity Lets do it. page#57			
		50.	Chapter#3 Plant world	Page#58	Understanding and solution of activity Lets do it. page#58			

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**PLANNING WEEK**

**11/13 11/30**

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SUBJECT PERIODS	CLASS & TIME	TERM INFORMATION				65 periods
		I	Apr-Sep	13 weeks	1 to 13	
		II	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
22-Aug-16	26-Apr-16	51.	Chapter#3 Plant world	Page#48-50	Test of the Lesson.page#48-50	
		52.	Chapter#3 Plant world	Page#51-53	Test of the Lesson.page#51-53	
		53.	Chapter#3 Plant world	Page#53-58	Test of the Exercise.page#53-58	
		54.	Chapter#2 Earth as Living Planet	Page#28-31	Test of the Lesson.page#28-31	
		55.	Chapter#2 Earth as Living Planet	Page#32-35	Test of the Lesson.page#32-35	

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**PLANNING WEEK**

**12/13 12/30**

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SUBJECT PERIODS	CLASS & TIME	TERM INFORMATION				65 periods
		I	Apr-Sep	13 weeks	1 to 13	
		II	Oct-Mar	17 weeks	14 to 30	85 periods
MONTH	WEEK	PN	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
29-Aug-16	02-Sep-16	56.	Chapter#2 Earth as Living Planet	Page#36-39	Test of the Exercise.page#36-39	
		57.	Chapter#2 Earth as Living Planet	Page#40-43	Test of the Exercise.page#40-43	
		58.	Chapter#2 Earth as Living Planet	Page#44-46	Test of the Exercise.page#44-46	
		59.	Chapter#1 Ourselves	Page#2-5	Test of Lesson. Page#2-5	
		60.	Chapter#1 Ourselves	Page#6-10	Test of Lesson. Page#6-10	

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**PLANNING WEEK**

**13/13 13/30**

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SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
05-Sep-16	09-Sep-16	61.	Chapter#1 Ourselves	Page#11-13	Test of the Exercise.page#11-13	
		62.	Chapter#1 Ourselves	Page#14-16	Test of the Exercise.page#14-16	
		63.	Chapter#1 Ourselves	Page#17-19	Test of the Exercise.page#17-19	
		64.	Chapter#1 Ourselves	Page#20-22	Test of the Exercise.page#20-22	
		65.	Chapter#1 Ourselves	Page#23-26	Test of the Exercise.page#23-26	

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**PLANNING WEEK**

**1 /17 14/30**

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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE					
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
17-Oct-16	21-Oct-16	66.	Chapter#4 Chemistry	page#60-61		Reading and Explanation of the Topic 4.1 Structure of an atom Through model of an Atom. Page#60-61		
		67.	Chapter#4 Chemistry	page#62		Reading and Explanation of the Topic 4.1 Structure of an atom. Page#62		
		68.	Chapter#4 Chemistry	page#63		Reading and Explanation of the Topic 4.1 Structure of an atom. Page#63		
		69.	Chapter#4 Chemistry	page#64		Reading and Explanation of the Topic 4.1 Structure of an atom. Page#64		
		70.	Chapter#4 Chemistry	page#65		Reading and Explanation of the Topic 4.1 Structure of an atom. Page#65		

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**PLANNING WEEK**

**2 /17 15 /30**

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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE					
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
24-Oct-16	28-Oct-16	71.	Chapter#4 Chemistry	page#60-61		Test of the Topic 4.1 Structure of an atom. Page#60-61		
		72.	Chapter#4 Chemistry	page#62		Test of the Topic 4.1 Structure of an atom. Page#62		
		73.	Chapter#4 Chemistry	page#63		Test of the Topic 4.1 Structure of an atom. Page#63		
		74.	Chapter#4 Chemistry	page#64		Test of the Topic 4.1 Structure of an atom. Page#64		
		75.	Chapter#4 Chemistry	page#65		Test of the Topic 4.1 Structure of an atom. Page#65		

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**PLANNING WEEK**

**3 /17 16/30**

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SUBJECT CODE
5247

SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
31-Oct-16	04-Nov-16	76.	Chapter#4	Chemistry	page#66-67	Reading and Explanation of the Topic 4.1 Valancy of an atom. Page#66-67	
		77.	Chapter#4	Chemistry	page#68-69	Reading and Explanation of the Topic 4.1 Chemical Formula. Page#68-69	
		78.	Chapter#4	Chemistry	page#70	Reading and Explanation of the Topic 4.1 Formula of Ionic Compounds and Law of Constant Composition. Page#70	
		79.	Chapter#4	Chemistry	page#71-72	Reading and Explanation of the Topic 4.1 Law of Constant Composition. Page#71-72	
		80.	Chapter#4	Chemistry	page#72-73	Reading and Explanation of the Topic 4.2Physical and Chemical Changes in Various Processes. Page#72-73	

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**PLANNING WEEK**

**4 /17 17/30**

SUBJECT CODE
<b>5247</b>

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

SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
07-Nov-16	12-Nov-16	81.	Chapter#4	Chemistry	page#66-69	Test of Lesson.page#66-69	
		82.	Chapter#4	Chemistry	page#70-73	Test of Lesson.page#70-73	
		83.	Chapter#4	Chemistry	page#74-75	Reading and Explanation of the Topic 4.2 Physical and Chemical Changes in Various Processes. Page#74-75	
		84.	Chapter#4	Chemistry	page#76	Reading and Explanation of the Topic 4.2 Physical and Chemical Changes in Various Processes. Page#76	
		85.	Chapter#4	Chemistry	page#77	Reading and Explanation of the Topic 4.2 Physical and Chemical Changes in Various Processes. Page#77	

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**PLANNING WEEK**

**5 /17 18/30**

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

SUBJECT CODE
5247

SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
14-Nov-16	18-Nov-16	86.	Chapter#4 Chemistry	page#74-75		Test Topic 4.2 Physical and Chemical Changes in Various Processes. Page#74-75
		87.	Chapter#4 Chemistry	page#76-77		Test of the Topic 4.2 Physical and Chemical Changes in Various Processes. Page#76-77
		88.	Chapter#4 Chemistry	page#78		Reading and Explanation of the Topic 4.2 Physical and Chemical Changes in Various Processes. Page#78
		89.	Chapter#4 Chemistry	page#79-80		Reading and Explanation of the Topic 4.2 Physical and Chemical Changes in Various Processes. Page#79-80
		90.	Chapter#4 Chemistry	page#80-81		Reading and Explanation of the Topic 4.2 Physical and Chemical Changes in Various Processes. Page#80-81

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**PLANNING WEEK**

**6 /17 19/30**

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

SUBJECT CODE <b>5247</b>
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SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE	
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER	WORKBOOK OR ACTIVITY CONTENTS
21-Nov-16	25-Nov-16	91.	Chapter#4 Chemistry page#78-81	Test of the Topic 4.2 Physical and Chemical Changes in Various Processes. Page#78-81
		92.	Chapter#4 Chemistry page#82-83	Reading and Explanation of the Topic 4.3 Heat and Transfer Through diagrams. Page#82-83
		93.	Chapter#4 Chemistry page#84-86	Reading and Explanation of the Topic 4.3 Heat and Transfer Through diagrams. Page#84-86
		94.	Chapter#4 Chemistry page#87-89	Reading and Explanation of the Topic 4.3 Heat and Transfer Through diagrams. Page#87-89
		95.	Chapter#4 Chemistry page#90-92	Reading and Explanation of the Topic 4.3 Heat and Transfer Through diagrams. Page#90-92

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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.**

SUBJECT CODE
5247

SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE					
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS		
28-Nov-16	02-Dec-16	96.	Chapter#4 Chemistry	page#84-86		Test of the Topic 4.3 Heat and Transfer Through diagrams. Page#84-86		
		97.	Chapter#4 Chemistry	page#87-90		Test of the Topic 4.3 Heat and Transfer Through diagrams. Page#87-90		
		98.	Chapter#4 Chemistry	page#91-92		Test of the Topic 4.3 Heat and Transfer Through diagrams. Page#91-92		
		99.	Chapter#4 Chemistry	page#93-94		Understanding and Solution of Activity no 1. Page#93-94		
		100.	Chapter#4 Chemistry	page#94-96		Understanding and Solution of Activity no 2 and 3. Page#94-96		

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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
5247

SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
05-Dec-16	09-Dec-16	101.	Chapter#4 Chemistry	page#94-96	Test of Activity no 2 and 3. Page#93-94		
		102.	Chapter#4 Chemistry	page#94-96	Test of Activity no 2 and 3. Page#94-96		
		103.	Chapter#4 Chemistry	page#96-97	Understanding and Solution of Activity Lets Do it. Page#96-97		
		104.	Chapter#4 Chemistry	page#97-98	Understanding and Solution of Activity Lets do it. Page#97-98		
		105.	Chapter#4 Chemistry	page#96-98	Revision of Activity Lets do it. Page#96-98		

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**PLANNING WEEK**

**9 /17 22/30**

SUBJECT CODE
5247

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

SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
12-Dec-16	16-Dec-16	106.	Chapter#5	Physics	page#100-101	Reading and Explanation of the Topic 5.1 Dispersion of Light(Refraction)Through diagrams. Page#100-101	
		107.	Chapter#5	Physics	page#100-101	Test the Topic 5.1 Dispersion of Light (Refraction) Through diagrams. Page#100-101	
		108.	Chapter#5	Physics	page#102-103	Reading and Explanation of the Topic 5.1 Dispersion of Light (Refraction) Through diagrams. Page#102-103	
		109.	Chapter#5	Physics	page#102 103	Test of the Topic 5.1 Dispersion of Light (Refraction) Through diagrams. Page#102-103	
		110.	Chapter#5	Physics	page#104	Reading and Explanation of the Topic 5.2 Sound Waves Through diagrams. Page#104-105	

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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
5247

SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
19-Dec-16	23-Dec-16	111.	Chapter#5	Physics	page#104-105	Test of the Topic 5.2 Sound Waves with diagrams. Page#104-105
		112.	Chapter#5	Physics	page#106-107	Reading and Explanation of the Topic 5.2 Sound Waves Through diagrams. Page#106-107
		113.	Chapter#5	Physics	page#107-108	Reading and Explanation of the Topic 5.3 Circuits and Electric current Through diagrams. Page#107-108
		114.	Chapter#5	Physics	page#109	Reading and Explanation of the Topic 5.3 Circuits and Electric current Through diagrams. Page#109
		115.	Chapter#5	Physics	page#110-111	Understanding and solution of the Activity 1. Page#110-111

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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
5247

SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
02-Jan-17	06-Jan-17	116.	Chapter#5	Physics	page#110-111	Test of the Activity 1. Page#110-111	
		117.	Chapter#5	Physics	page#111-112	Understanding and solution of the Activity 2 and3. Page#111-112	
		118.	Chapter#5	Physics	page#112-114	Understanding and solution of the Activity lets do it. Page#112-114	
		119.	Chapter#5	Physics	page#115-118	Understanding and solution of the Activity Lets do It. Page#115-118	
		120.	Chapter#5	Physics	page#119-120	Understanding and solution of the Activity Lets do It. Page#119-120	

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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
5247

SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER		WORKBOOK OR ACTIVITY CONTENTS	
09-Jan-17	13-Jan-17	121.	Chapter#5	Physics	page#111-112	Test of the Activity 2 and3. Page#111-112
		122.	Chapter#5	Physics	page#121-122	Understanding and solution of the Activity lets do it. Page#121-122
		123.	Chapter#6	Earth and Beyond	page124-125	Reading and Explanation of the Topic 6.1Investigating the Space Through diagrams. Page#124-125
		124.	Chapter#6	Earth and Beyond	page#126-127	Reading and Explanation of the Topic 6. 1 Investigating the Space Through diagrams. Page#126-127
		125.	Chapter#6	Earth and Beyond	page#128-129	Reading and Explanation of the Topic 6. 1 Investigating the Space Through diagrams. Page#128-129

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**PLANNING WEEK**

**13/17 26/30**

SUBJECT CODE
<b>5247</b>

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

SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
16-Jan-17	20-Jan-17	126.	Chapter#6 Earth and Beyond	page#124-126	Test of the Topic 6. 1 Investigating the Space with diagrams. Page#124-126		
		127.	Chapter#6 Earth and Beyond	page#127-129	Test of the Topic 6. 1 Investigating the Space with diagrams. Page#127-129		
		128.	Chapter#6 Earth and Beyond	page#130-131	Reading and Explanation of the Topic 6. 1 Investigating the Space Through diagrams. Page#130-131		
		129.	Chapter#6 Earth and Beyond	page#132	Understanding and solution of the Activity 1 and 2. Page#132		
		130.	Chapter#6 Earth and Beyond	page#133	Understanding and solution of the Activity 3. Page#133		

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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 <b>5247</b>
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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
23-Jan-17	27-Jan-17	131.	Chapter#6 Earth and Beyond	page#132	Test of the Activity 1 and 2. Page#132		
		132.	Chapter#6 Earth and Beyond	page#133	Test of the Activity 3. Page#133		
		133.	Chapter#6 Earth and Beyond	page#134	Understanding and solution of the Activity 3. Page#134		
		134.	Chapter#6 Earth and Beyond	page#134	Test of the Activity 3. Page#134		
		135.	Chapter#6 Earth and Beyond	page#135	Understanding and solution of the Activity Lets do it. Page#135		

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**PLANNING WEEK**

**15/17 28/30**

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

SUBJECT CODE
<b>5247</b>

SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE			
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS
30-Jan-17	03-Feb-17	136.	Chapter#4 Chemistry.	Page#60-65	Test of the Lesson. Page#60-65	
		137.	Chapter#4 Chemistry.	Page#66-70	Test of the Lesson. Page#66-70	
		138.	Chapter#4 Chemistry.	Page#71-77	Test of the Lesson. Page#71-77	
		139.	Chapter#4 Chemistry.	Page#78-85	Test of the Lesson. Page#78-85	
		140.	Chapter#4 Chemistry.	Page#86-92	Test of the Lesson. Page#86-92	

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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 <b>5247</b>
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SUBJECT PERIODS	CLASS & TIME		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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
06-Feb-17	10-Feb-17	141.	Chapter#4 Chemistry.	Page#93-98	Test of the Exercise. Page#93-98		
		142.	Chapter#5 Physics.	Page#100-103	Test of the Exercise. Page#100-103		
		143.	Chapter#5 Physics.	Page#104-106	Test of the Exercise. Page#104-106		
		144.	Chapter#5 Physics.	Page#107-109	Test of the Exercise. Page#107-109		
		145.	Chapter#5 Physics.	Page#110-111	Test of the Exercise. Page#110-111		

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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 <b>5247</b>
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SUBJECT PERIODS	CLASS & TIME	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	INSERT UNIT OR CHAPTER NUMBER & TITLE				
SELECT MONTH	SELECT WEEK	[150]	TOPIC CONTENT & PAGE NUMBER			WORKBOOK OR ACTIVITY CONTENTS	
13-Feb-17	13-Feb-17	146.	Chapter#5	Physics.	Page#111-115	Test of the Exercise. Page#111-115	
		147.	Chapter#5	Physics.	Page#116-122	Test of the Exercise. Page#116-122	
		148.	Chapter#6	Earth and Beyond.	Page#124-127	Test of the lesson. Page#124	
		149.	Chapter#6	Earth and Beyond.	Page#128-131	Test of the lesson. Page# 128-131	
		150.	Chapter#6	Earth and Beyond.	Page#132-135	Test of the Exercise. Page#132-135	

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