

**ALARD CHARITABLE TRUST'S
ALARD PUBLIC SCHOOL
MARUNJI, PUNE-57**

ACADEMIC SESSION 2017-18

SUBJECT: SCIENCE

CLASS: IX

TEXTBOOK : NCERT

SR. NO	CHAPTER NO	CHAPTER NAME	MONTH	ACTIVITIES
1	1	Matter in Our Surroundings	April	<ol style="list-style-type: none">1. To show and compare the compressibility of gases and liquids. (NCERT Lab Manual Pg no-24)2. Group Activity – Prepare a model to demonstrate movement of particles in solid, liquids and gases.
2	2.	Is Matter Around Us Pure	April + June	<ol style="list-style-type: none">1. To separate the components of a mixture containing sand, common salt and camphor.2. To prepare and identify a homogeneous mixture and a heterogeneous mixture (NCERT Lab manual Pg no- 30 and 32)

SR. NO	CHAPTER NO	CHAPTER NAME	MONTH	ACTIVITIES
3	3	Atoms and Molecules	July	<ol style="list-style-type: none"> 1. Data Based worksheet 2. Game with Placards with symbols and valencies of elements/ ions.
4	4	Structure of the Atom	July	<ol style="list-style-type: none"> 1. Crossword Puzzle 2. Role Play
5	5	The fundamental Unit of Life	August	<ol style="list-style-type: none"> 1. To study the process of osmosis 2. Individual worksheet (Flow chart based)
6	6	Tissues	August	<ol style="list-style-type: none"> 1. Individual worksheet (Match the following) 2. Individual worksheet (Diagram based)
7	7	Diversity in Living Organisms	September	<ol style="list-style-type: none"> 1. Individual worksheet (MCQ based) 2. Individual worksheet (Game based- String the Beads)
8	8	Motion	September	<ol style="list-style-type: none"> 1. Data based worksheet 2. Numerical based worksheet
9	9	Force and Laws of Motion	October	<ol style="list-style-type: none"> 1. Graph cum numerical based worksheet 2. Worksheet based on 'Matching'/Co-relating

10	10	Gravitation	October	<ol style="list-style-type: none"> 1. To show pressure depend upon area on which force is exerted. (NCERT Lab manual Pg no-77) 2. Numerical based worksheet
11	11	Work and Energy	November	<ol style="list-style-type: none"> 1. Matching type worksheet 2. Diagram based worksheet
12	12	Sound	November	<ol style="list-style-type: none"> 1. To produce longitudinal waves in a slinky (NCERT lab manual Pg no 88) 2. Numerical based worksheet and solve the puzzle
13	13	Why do we fall ill?	December	<ol style="list-style-type: none"> 1. Role play 2. Individual worksheet (MCQ based)
14	14	Natural Resources	December	<ol style="list-style-type: none"> 1. Individual Worksheet (MCQ based) 2. Individual worksheet (Flow Chart Based)
15	15	Improvement in Food Resources	January	<ol style="list-style-type: none"> 1. Individual Worksheet (Picture based) 2. Group Activity: Powerpoint Presentation

ENGLISH		
Month	Lesson No. & Name	Activities
July		
	Prose : 1. How I Taught My Grandmother to read	Paragraph writing
August	2. A Dog Named Duke	
	Poetry : 1. The Brook	Reported Speech
	Drama : 1. Villa For Sale	
	Pre-mid term exam	
	Prose : 3. The Man Who Knew too Much	Practice Worksheets on
September	Poetry: 2. The Road Not Taken	comprehension of unseen passage
	Work Book : 1. Verb Forms	
	2. Determiners	Gap filling worksheet
	MCB : 1. People	fill in the blanks with
	2. Adventure	suitable determiners
	Poetry : 3. The Solitary Reaper	
	4 Lord Ullin's Daughter	
Work Book : 3. Future Time	Paragraph writing	
MCB : 3. Environment	Error correction	
	Mid-term Exam	
October		
October	Poetry : 5 The Seven Ages	Practice Worksheets on
	Prose : 4. Keeping It From Harold	Rearrange into meaningful
	Poetry: 6. Oh ! I wish I'd Looked After My Teeth	sentence , Gap filling

November	Prose: 5. Best Seller	
	Work Book : 4. Modals	Letter : Informal
	5. Connectors	: Formal
	Novel : Three Men In A Boat	Writing an E-mail
	MCB : 4. The Class IX Radio And Video Show	Practice worksheets on
December	MCB : 5. Mystery	letter writing
	6. Children	
	Poem : 7. Song Of The Rain	
	Work Book : 6. The Passive	
January	Drama : 2. The Bishop's Candlesticks	Practice Exercises on
	Work Book : 7. Reported Speech	prepositions
	8. Prepositions	To complete the dialogue
	Novel : Three Men In A Boat	
	MCB : 7. Sports And Games	
February	Revision	
March	Annual Exam	

Subject:-Maths

Text Book-NCERT

SR.NO	CHAPTER NO	CHAPTER NAME	MONTH	ACTIVITIES
1	1	NUMBER SYSTEM	JULY	REPRESENT RATIONAL IRRATIONAL NUMBERS ON THE NUMBERLINE
2	2	POLYNOMIALS	JULY	WORK SHEET FOR MORE PROBLEMS
3	3	LINEAR EQUATIONS IN TWO VARIABLES	JULY	GRAPH REPRESENTATION
4	4	INTRODUCTION TO EUCLID'S GEOMETRY	AUGUST	REPRESENT POSTULATES AND AXIOMS ON CHART
5	5	COORDINATE GEOMETRY	AUGUST	GRAPHICAL REPRESENTATION
6	6	HERON'S FORMULA	AUGUST	REPRESENT AREA OF QUADRILATERAL BY USING HERON'S FORMULA
7	7	LINES AND ANGLES	AUGUST	REPRESENT ANGLES ON THE CHART
8	8	TRIANGLES	SEPTEMBER	REPRESENT THE PROPERTY OF TRIANGLES
9	9	QUADRILATERALS	OCTOBER	DRAW THE DIFFERENT TYPES OF QUADRILATERALS ON THE CHART AND DISPLAY IN SOFT BOARD
10	10	AREAS OF PARALLELOGRAMS AND	OCTOBER	REPRESENT THE RELATION BETWEEN AREA OF A TRIANGLE

		TRIANGLES		AND PARALLELOGRAM
11	11	CIRCLES	NOVEMBER	CHART REPRESENTATION
12	12	CONSTRUCTIONS	DECEMBER	CHART REPRESENTATION
13	13	SURFACE AREAS AND VOLUMES	DECEMBER	REPRESENT THE FORMULAS IN CHART AND DISPLAY IN SOFT BOARD
14	`14	STATISTICS	JANUARY	APPLICATIONS OF STATISTICS IN DAY TO DAY LIFE
15	15	PROBABILITY	JANUARY	WORK SHEET FOR MORE PROBLEMS