

AIR FORCE SCHOOL, JAISALMER

SPLIT-UP SYLLABUS (2023-24)

CLASS: IX MATHEMATICS

Book NCERT

S.No.	MONTH	CHAPTER/ CONTAINT	ART INTEGRATED ACTIVITIES
1	APRIL	Chapter 1 Number System Chapter 2 Polynomials	To construct square root spiral with coloured paper.
2	MAY/JUN	Chapter 3 Coordinate Geometry Chapter 4 Linear Equations in Two Variables	Geo gebra as a tool can be used for Coordinate Geometry
3	JULY	Chapter 5 Introduction to Euclid's Geometry Chapter 6 Lines and Angles	To verify Angle sum property by paper cutting method.
4	AUGUST	Chapter 7 Triangles	Verify that diagonal divides a parallelogram into two congruent triangle by paper cutting method
5	SEPTEMBER	HALF YEARLY EXAM	
6	OCTOBER	CHAPTER 8 Quadrilaterals CHAPTER 9 Circles	Verify that Angles in the same segment of a circle are equal by paper cutting method
7	NOVEMBER	CHAPTER 10 Heron's Formula	Area of a Right triangle measure by basic formula and Heron's formula are equal
8	DECEMBER	CHAPTER 11 Surface areas and Volumes	To measure the area of basketball court, volume of cylindrical pole.
9	JANUARY	Chapter 12 Statistics	
10	FEBRUARY	RIVISION	

<b>11</b>	<b>MARCH</b>	<b>ANNUAL EXAM</b>	
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**ARUN KUMAR**

**TGT MATH**

ENGLISH

SPLIT-UP OF SYLLABUS: [ 2023-2024]

CLASS: IX TEXTBOOKS:

1. MOMENTS
2. BEEHIVE
3. Words and Expression

MONTH

<b>April and May</b>	<b>ACTIVITIES</b>
The Fun They Had. ----	TOY BASED PEDAGOGY –DEBATE (ONLINE /OFFLINE CLASSES)
The Road Not Taken. ----	DESCRIBE A DECISION THAT CHANGED YOUR LIFE.
The Lost Child. -----	MIND MAPS
The Sound Of Music. -----	MUSIC INSTRUMENTS FROM WASTE MATERIAL
WB-Unit-1.	
The Sound Of Music-2. -----	COLLECTION OF PICTURES OF MUSICIANS
Wind. -----	PICTURE DESCRIPTION
The Adventure Of Toto. -----	STORY TELLING OF ANY PET ANIMAL
WB-Unit 2.	
<b>June and July</b>	
The Little Girl-----	ROLE PLAY(PERFORM ROLE OF AN IDEAL FATHER
Rain On The Roof-----	COMPOSE YOUR OWN POEM ON RAIN/CLOUD/LEAF ETC.
W.B. -Unit -3	

Iswaran the Storyteller ----- NARRATE AN INCIDENT WHICH YOU HAVE LISTENED FROM YOUR FRIEND/RELATIVES (HAUNTED PLACES)TO YOUR CLASS
The Lake Isle Of Innisfree. ----- PAINT A BEAUTIFUL LANDSCAPE
A Truely Beautiful Mind. ----- BOOK REVIEW OF ANY BOOK OF ALBERT EINSTEIN
A Legend Of The Northland. -----PICTORIAL REPRESENTATION OF THE STORY
The Snake And The Mirror. -----KEEP MIRROR IN AN OPEN AREA,NOTICE AND WRITE HOW THE BIRDS AND ANIMALS REACT WHILE LOOKING INTO IT.
<b>August and September</b>
In The Kingdom Of Fools. -----MIND MAP AND ROLE PLAY
WB-Unit-4,
My Childhood----- NARRATE BIOGRAPHY OF GREAT PERSONALITIES.(ANY 1)
The Happy Prince. ----- WRITE UP (ON DOING GOOD MAKE US FEEL GOOD)
No Men Are Foreign.----- RECITING A POEM AND SHOW TO THE CLASS
<b>October</b>
WB-Unit-5
WB-Unit -6.
Reach For The Top.-I. ----- NEWS PAPER CLIPINGS
Reach For The Top-II ----- INSPIRATIONAL QUOTES OF FAMOUS MOUNTAINEERS
On Killing A Tree.----- POEM ON TREES AND THEIR IMPORTANCE
<b>November and December</b>
The Last Leaf.----- ROLE PLAY/DRAMATIZATION/STIMULATING REAL LIFE SITUATIONS,LEAF PRINTING
WB-Unit -7
Kathmandu ----- WHAT IS NEPAL FAMOUS FOR?AN OVERVIEW OF NEPAL.
A House Is Not a Home----- . DRAW A PICTURE OF YOUR HOUSE.
The Beggar ----- NARRATE THE INCIDENT ABOUT THE PERSON WHO HELPED YOU IN LIFE TO ACHIEVE YOUR GOAL/DO SOME THING GOOD

WB-Unit-8
<b>January</b>
WB Unit 9
A Slumber Did My Spirit Seal.----- NARRATE AN INCIDENT /WHEN YOU LOST SOMEONE YOU LOVED MOST(PERSON/THING/ANIMAL)
If I were you----- MAKE A GREETING CARD FOR SOLDIERS WHO SACRIFICED THEIR LIVES IN THE WAR.

**NB: The following are to be studied along with the study of literature.**

1. Unseen passage for comprehension (factual,discursive ) objective type ,MCQ, SAQ and vocabulary.
2. Writing:
  - A. Descriptive paragraph ( person/ place / event/ diary entry based on visual or verbal clues.)
  - B. Story based on a given outline or clues.
3. Grammar:
  - A. Cloze passage
  - B. Gap filling.
  - C. Editing.

## **SOCIAL SCIENCE**

S NO	Month	TOPIC	Art-Integrated activity
1.	(April – may )	<b>Geo.-</b> 1. India size and location <b>History –</b> 1. French Revolution <b>Civ. –</b> 1. What is democracy? why democracy? <b>Eco.–</b> 1. The story Of	Role playing activity .  Group discussion activity

		village palampur	
2.	<b>( June- July)</b>	<p><b>His.</b> – 3. Nazism and the rise of Hitler</p> <p><b>Civ.</b>- 2. Constitutional design</p> <p><b>Eco.</b> – 2. People as resources</p> <p><b>Geo.</b> – 2. Physical features of India</p>	<p>Role playing activity .</p> <p>Collage activity about constitutional features .</p> <p>Map work by learning by doing activity .</p>
3.	<b>( Aug.- Sep )</b>	<p><b>Geo.</b>- 3. Drainage</p> <p>4. Climate</p> <p><b>HIS.</b> - 2. Social is Europe and the Russian Revolution</p>	<p>Role playing of rivers</p> <p>Speech competition about climatic variations</p>

4.	( Oct.- Nov. )	<b>Civ.- 3.</b> Electoral politics 4. Working of institution <b>Eco.– 3.</b> Poverty as a challenge 6. Political parties <b>His. – 4.</b> Forest society and colonialism	Group activity on institutions of government.  Poster making on different political parties.
5.	( Dec.- Jan )	<b>Geo. – 5.</b> Natural vegetation and wildlife 6. Population <b>Eco – 4.</b> Food security in India <b>His. – 5.</b> Pastoralists in the Modern World	Outdoor teaching about our natural vegetation .  Presentation on FCI and PDS .
6.	(Feb.- Mar)	<b>Civ. – 5.</b> Democratic Rights	Skit performance about our democratic rights .

Air force school Jaisalmer

Split up syllabus class - IX

Subject - Science

S.no	Chapters	Months	Activities/activities
1	Matter in our surrounding	April / May /June	*To prepare a stained temporary Mount of onion peel.  *Determining the divisibility of particles in a solution, by using colours and water.
2	The fundamental unit of life		
3	Motion		
Syllabus of periodic test 1 chapter 1 AND 5			
4	Is matter around us pure	July	*To carry out the following reactions and classify them are physical and chemical changes: 1) reaction between iron and copper sulphate solution . 2)burning of magnesium ribbon in air third zinc with dilute H <sub>2</sub> SO <sub>4</sub> . ii)Heating of copper sulphate
5	Tissues		
6	Force and laws of motion	August	
Revision classes tell exams approaches.			
7	Atom and Molecules		

8	Gravitation	October	*Determination of density of solid using spring balance and measuring cylinder.
9	Work and energy		*To establish the relation between the loss in weight of a solid when fully immersed in tap water ii) strongly salted water
10	Structure of atom	November	Verification of the law of conservation of mass in a chemical reaction.
11	Sound	December	*Determination of speed of pulse propagated through a stretched string.
12	Improvement in resources		*
Revision of full syllabus.			

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