

ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2018 - 19
CLASS IX-SCIENCE

SUBJECT: SCIENCE

BOOKS	PUBLISHER
SCIENCE TEXTBOOK FOR CLASS IX	N.C.E.R.T
PRACTICAL LAB MANUAL -TOGETHER WITH SCIENCE	RACHNA SAGAR

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH & NO OF WORKING DAYS	TOPICS	PERIODS REQUIRED	ACTIVITIES
					Practical s
	15%	APRIL 23 DAYS	PHY -MOTION – EQUATION OF MOTION Chem. -matter in our surroundings(upto latent heat) BIO - cell- The fundamental unit of life	7 7 12	Phy-Limiting friction chem - introduction of lab apparatus BIO- To study animal and plant cell To study the process of osmosis
	10%	MAY 08 DAYS	PHY -MOTION (CONT.) PHY -UNIFORM CIRCULAR MOTION, PHY -FORCE & LAWS OF MOTION(INTRODUCTION) chem. -matter in our surroundings (cont.) BIO – Tissue – Plant tissue	3 3 10	Bio –To study plant tissue
SYLLABUS 1ST UNIT TEST			TOPICS COVERED FROM APRIL TO MAY		
	15%	JULY 25 DAYS	PHY -FORCE & LAWS OF MOTION (CONT.) LAW OF CONSERVATION OF MOMENTUM Chem. -Is matter around us pure(upto types of solution) BIO - Tissue- Animal Tissue Improvement in Food resources	8 8 12	chem – solutions Bio- To study Animal Tissue To test for starch and adulteration in food samples
	10%	AUG 20 DAYS	PHY -GRAVIATION chem. -separation of mixtures Bio - Animal Husbandry	6 6 8	
	10%	SEP 11 DAYS	PHY -GRAVIATION (CONT.) chem. -separation of mixtures (cont) (TILL MASS & WEIGHT) PHY -REVISION OF ALL TOPICS TAUGHT Bio- Revision	5 5 5	Chem.-separation of mixtures
HALF YEARLY SYLLABUS			TOPICS COVERED FROM APRIL TILL SEPTEMBER		
	10%	OCT 19 DAYS	PHY -PRINCIPAL OF FLOATATION, ARCHIMEDES' PRINCIPAL Chem.-atoms and molecules Bio - Diversity in living Organism- Plant Kingdom	6 6 10	Phy- Thrust and Pressure, Density of a solid denser than water, Archimedes Principle. Bio – specimens of bryophytes , Algae, Gymnosperm ,
	10%	NOV 19 DAYS	PHY -WORK & ENERGY chem.-atoms and molecules (cont) Bio – Diversity – Animal Kingdom	6 6 12	Chem.-Practicals types of reactions Bio – specimens of Molluscs, Arthropods

2ND UNIT TEST SYLLABUS					
	10%	DEC 18 DAYS	PHY-WORK & ENERGY (CONT.) PHY-SOUND Chem. -atoms and molecules (cont) Bio – Why do we fall ill?	6 6 9	Chem.- practicals revision
	10%	JAN 16	PHY-SOUND (CONT.) Chem. -structure of atom Bio - Natural Resources- Air, Water and land Biogeochemical cycle, ozone layers, green house effect	5 5 10	Phy- Reflection of sound, Velocity of wave in a slinky.
8TH FEB SYLLABUS COMPLITION FOR VI –VIII , IX & XI		FEB 23	REVISION	7	
ANNUAL EXAM SYLLABUS			ENTIRE SYALLABUS FROM APRIL TILL JANUARY		

SIG OF HOD

ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2018 - 19
CLASS IX: SOCIAL SCIENCE

SUBJECT : SOCIAL SCIENCE

BOOKS	PUBLISHER
Contemporary India (I) & DEMOCRATIC POLITICS	N.C.E.R.T.
Geography' IX	N.C.E.R.T.

Economics IX

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH & NO OF WORKING DAYS	TOPICS	PERIODS REQUIRED	ACTIVITIES
	15%	APRIL 23 DAYS	Geog. Chapter 1-Size and Location Geog. Chapter 2-Physical Features of India 1- THE FRENCH REVOLUTION (Hist) 2- WHAT IS DEMOCRACY? WHY DEMOCRACY? (Pol Sc)	6 8 8 6	Map Based Table based. MAP CARTOON EXPLANATION
	10%	MAY 08 DAYS	Geog. Chapter 2—Physical Features of India (Cont.) Disaster Management 2- RUSSIAN REVOLUTION ...conti...(Hist)	2 2 6	Maps ---Project MAP
SYLLABUS 1ST UNIT TEST					
	15%	JULY 25 DAYS	Eco. Chapter .1 –the story of Village Palampur Eco. People as Resource 2- - RUSSIAN REVOLUTION (Hist) 4- CONSTITUTIONAL DESIGN (Pol Sc)	8 8 4 6	Map Based. Group Discussion. Chart
	10%	AUG 20 DAYS	Geog. Chapter 3 - Drainage. Geog. Chapter 4- Climate. 3- NAZISM AND THE RISE OF HITLER (Hist) 5-ELECTORAL POLITICS (Pol Sc)...Conti....	6 8 8 4	Map Based, Flow chart. Diary Writing
	10%	SEP 11 DAYS	Geog. Chapter. 4 (Cont.) Eco. Chapter. 3 Poverty 5-ELECTORAL POLITICS (Pol Sc)	2 6 6	Role Play P.P.T Enactment (Election process)
HALF YEARLY SYLLABUS			Syllabus covered from April to Sep.		
	10%	OCT 19 DAYS	Geog. Chapter .5 Natural Vegetation and Wild Life. Eco. Chapter.4 Food Security. 4- FOREST SOCIETY AND COLONIALISM (Hist)	6 6 8	Map Based and Flow chart (Comp. Study.) Map of Bastar
	10%	NOV 19 DAYS	Geog. Chapter. 6 Population 5- WORKING OF INSTITUTIONS (Pol Sc)	8 8	Map Based and Group Discussion. Worksheet
2ND UNIT TEST SYLLABUS			Syllabus covered in Oct. Nov.		
	10%	DEC 18 DAYS	Revision 6- DEMOCRATIC RIGHTS (Pol Sc)	6	Revision Chapter-wise. Flow chart
	10%	JAN 16	Revision of previous years question papers, Sample papers, Value Based Questions, Higher order thinking questions	-	Revision chapter and topic wise.
8TH FEB SYLLABUS COMPLETION FOR VI –VIII , IX & XI		FEB 23	Revision of content of syllabus, methods of writing answers, question paper terminology and Map practise		Map, Class Test
ANNUAL EXAM SYLLABUS			Syllabus covered from April to December.		

SIG OF HOD

ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2018 - 19
CLASS - IX

SUBJECT					
BOOKS			PUBLISHER		
1. NCERT for IX			BHARTI BHAWAN		
2. R. S. AGGARWAL					
ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH & NO OF WORKING DAYS	TOPICS	PERIODS REQUIRED	ACTIVITIES
	15%	APRIL 23 DAYS	CH-1. NUMBER SYSTEM CH-2. POLYNOMIALS CH-3. COORDINATE GEOMETRY	10 08 06	FORMATION OF SQUARE ROOT SPIRAL
	10%	MAY 08 DAYS	CH-6. LINES & ANGLES	08	'ANGLE SUM PROPERTY' USING PAPER CUTTING METHOD
SYLLABUS 1ST UNIT TEST			NUMBER SYSTEM, POLYNOMIALS, COORDINATE GEOMETRY		
	15%	JULY 25 DAYS	CH-4. LINEAR EQUATION CH-7. TRIANGLES CH-12. HERON'S FORMULA	10 10 07	MID POINT THEOREM BY PAPER FOLDING METHOD
	10%	AUG 20 DAYS	CH-8. QUADRILATERAL CH-14. STATISTICS	10 10	
	10%	SEP 11 DAYS	STATISTICS & REVISION		
HALF YEARLY SYLLABUS			ALL THE CHAPTERS COVERED FROM APRIL TO SEPT.		
	10%	OCT 19 DAYS	CH-5. EUCLID'S GEOMETRY CH-9. AREA OF PARALLELOGRAM CH-11. CONSTRUCTION	03 10 06	
	10%	NOV 19 DAYS	CH-10. CIRCLES CH-15. PROBABILITY	14 05	FINDING PROBABILITY THROUGH DAY TO DAY LIFE EVENTS
2ND UNIT TEST SYLLABUS			AREA OF PARALLELOGRAM, CONSTRUCTION, CIRCLES, PROBABILITY		
	10%	DEC 18 DAYS	CH-13 MENSURATION	18	TO FIND C.S.A. OF 3-D FIGURES
	10%	JAN 16	MENSURATION (CONTD.)	16	
8 TH FEB SYLLABUS COMPLETION FOR VI –VIII , IX & XI		FEB 23	REVISION		
ANNUAL EXAM SYLLABUS			ALL THE CHAPTERS COVERED FROM APRIL TO FEB		

SIG OF HOD