

MAMTA MODERN SR. SEC. SCHOOL

Syllabus 2017-18

CLASS – IX

ENGLISH

Prescribed Books

1. Interact in English-Literature Reader
2. Interact in English-Main Course Book
3. Long Reading Text-Gulliver's Travels
4. Interact in English-Workbook

MONTH	COURSE CONTENT	ASSESSMENTS
APRIL AND MAY	Literature Reader:Ch-How I Taught My Grandmother Poems:The Brook&The Road Not Taken Writing skills : Diary Entry MCB: Unit 1- People Grammar : Integrated grammar	Speaking Skill: Speech on "Importance of Education". Listening Skill
JULY	Literature Reader: Ch-A Dog Named Duke Poem: The Solitary Reaper Writing skills : Article Writing MCB: Unit 2 –Adventure	Speaking Skill:Poem Recitation of any poem of Wordsworth.
AUGUST	Literature Reader:Ch. Villa for Sale Poem: Lord Ullin's Daughter MCB: Unit 3-Environment Unit 4- The Class IX Radio and Video show. Grammar : Integrated grammar Writing skills : Short story	Listening Skill Integrated Grammar Test
UNIT TEST-I	SYLLABUS : 1. Unseen Passage 2. Diary Entry 3. How I taught My Grandmother 4.A Dog Named Duke 4. The Brook 5. The Road Not Taken 6. Integrated Grammar 7. Part I(8 Chapters) of Gulliver's Travels	
SEPTEMBER	Half Yearly Exam: Syllabus covered from April to September + Gulliver's Travels (part 1 & 2)	Revision for Half Yearly Exams
OCTOBER	Literature Reader: Ch-The Man Who Knew Too Much. Poem- Oh!! Wish I Had Looked..... Grammar : Integrated grammar Writing skills :Revision	Speaking Skill: Speech on Dental Care

NOVEMBER	Literature Reader: Poem: The Seven Ages MCB:Unit 5- Mystery Grammar : Integrated grammar Writing skills :Revision	Listening Skill
DECEMBER	Literature Reader : Ch-Best Seller Ch- Keeping it from Harold MCB: Unit 6- Children Grammar : Integrated grammar Writing skills :Revision	Speaking Skill:Debate onParents Should Share Everything With their Children.
SYLLABUS FOR UNIT TEST-II	SYLLABUS: 1. Unseen Passage 2. All the writing skills done in the class 3. Integrated Grammar <u>Literature Reader-Fiction-F.1,F.2,F.3</u> <u>Poetry-P.1,P.2,P.3,P.4,P.5,P.6</u> <u>Drama-D.1</u> <u>MCB-UNIT 1,2,3,4,5</u> <u>Gulliver's travels- Part 1,2,3</u>	
JANUARY	Literature Reader : Ch-Bishop's Candlesticks MCB : Unit 7- Sports And Games Grammar : Integrated grammar Writing skills :Revision	Listening Skill
FEBRUARY	Literature Reader : Poem :The Song Of The Rain Writing skills :Revision Grammar : Integrated grammar	Revision for Annual Exams
	ANNUAL Exams: Syllabus covered from April to February, writing skills and grammar topics done during the year +Gulliver's Travels (Part 1 to 4)	

MATHEMATICS

PRESCRIBED BOOK-NCERT, LAB MANNUAL

MONTH	COURSE CONTENT	LAB MANNUAL ACTIVITIES
APRIL AND MAY	Ch- 1 Number System Ch-2 Polynomials (MAT 1) Ch-3 Coordinates geometry	Activity 1 –To construct a square root spiral Activity 2 – To verify the algebraic identity Activity3.-To obtain mirror image of a figure w.r.t. a given line.
JULY	Ch-6 Lines and Angle Ch- 12 Herons Formula	Activity 4 – 3 To verify that if two lines intersect then vertically opposite angles are equal.
UNIT TEST-1	CHAPTER 2,3 AND 6	
AUGUST	Ch-11 Construction Ch- 7 Triangle	Activity 5 – To verify that the sum of the angles of a triangle is 180°
SEPTEMBER	Practical skill test(activity 1,2, 5) Revision	
Half Yearly Exam	Ch- 1, 2, 3, 6, 7, 11, 12	
OCTOBER	Ch- 4 Linear Equation in two variable Ch-14 Statistics	Activity 6 -To obtain a linear equation and draw its graph. Activity 7 - To draw histogram for classes of equal and unequal widths.
NOVEMBER	Ch-8 Quadrilateral Ch-15 Probability	Activity 8 - To verify the mid-point theorem
DECEMBER	Ch-9 Area of Parallelogram and Triangle	Activity 9 - To verify that ratio of the areas of a parallelogram and a triangle on the same base and between the same parallels is 2:1
UNIT TEST-2	CH- 1,2,3, 4,6,7, 11,12 14,15	
JANUARY	Ch -5 Euclid geometry Ch- 10 Circles	Activity 10 - To verify that the angles in the same segment of a circle are equal
FEBRUARY	Ch- 13 Surface Areas and Volume. (MAT 2)	Activity 11 - To form a cuboids and find the formula for its surface area experimentally
MARCH	Revision for Final Exam	

SCIENCE

Prescribed books: NCERT
Lab Manual- APC

MONTHWISE SYLLABUS

Month	Course Contents	Activities
April-May	Ch-1: Matter in our Surroundings. Ch-8: Motion. Ch-5: Fundamental Unit of Life	1. To determine the melting point of ice and boiling point of water. 2. To carry out different reactions and classify them as physical and chemical changes 3. To prepare temporary mounts of (a) onion peel and (b) human cheek cells and to record observations.
July	Ch-6: Tissues Ch-9: Force & Laws of Motion Ch-10: Gravitation (upto Mass and Weight)	4. To identify the different types of plant & animal tissues 5. To study the III law of Motion using two spring balances 6. To determine the density of solid. 7. To establish the relation between loss in weight of a solid when fully immersed in (a) Tap Water (b) Salt Water

<p>August</p> <p>UNIT TEST - I</p> <p>Lab Activity</p>	<p>Ch-7: Diversity in living organism</p> <p>Ch-2: Is Matter around us pure</p> <p>Syllabus -</p> <ul style="list-style-type: none"> • Theory: Ch-1,5,8 • Practical: Expt.No.1,2,3 <p>Syllabus</p> <p>All Experiments (Expt. No. 1 to 13)</p> <p>which includes:</p> <ul style="list-style-type: none"> • Experimentation • Viva voce • File 	<p>8. To study the characteristics of specimens belonging to Plant Kingdom</p> <p>9. To study the characteristics of specimens belonging to animal kingdom</p> <p>10. To study the external features of root, stem, leaves and flower of monocot and dicot plant</p> <p>11. To prepare a mixture and compound and distinguish between them.</p> <p>12. To prepare different types of solution and study their properties</p> <p>13. To separate the components of mixture of sand, common salt and Ammonium Chloride by sublimation</p> <p>Diagram Test (Term-I)</p> <p>Ch-1,2,5,6,7 and 8</p> <p>Lab Activity Term -I</p>
<p>September</p> <p>Half yearly</p> <p>Exam</p>	<p>Ch-1,2,5,6,7,8,9 and 10 (upto mass and weight)</p>	<p>Revision of Half Yearly Exam</p>
<p>October</p>	<p>Ch-4: Structure of Atom</p> <p>Ch-3: Atoms & Molecules</p>	<p>14. To verify the law of conservation of mass in a chemical reaction</p>

November	Ch-12: Sound Ch-13: Why do we fall ill Ch-10: Gravitation (Contd.)	15. To verify the laws of reflection of sound. 16. To determine the velocity of a pulse propagated through a stretched slinky.
December UNIT TEST-II	Ch-11: Work, Power and Energy Ch-14: Conservation of Natural Resources Syllabus - <ul style="list-style-type: none"> • Theory: 1,2,3,4,5,6,7,8,9,10, 12 and 13 • Practical: Expt.No. 1,2,3,4,5,6,7,8,9,10, 11,12,13,14,15,16 	
January	Ch-15: Improvement of Food Resources.	Numerical Ability Test (Term-II) Ch-3,4,10,11 and 12
February Lab Activity Term-II	Syllabus All Activities (Expt. No. 1 to 16) which includes: <ul style="list-style-type: none"> • Experimentation • Viva voce • File 	Lab Activity – Term – II Revision of Final Exam
March Final Exam	Ch-1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	

SOCIAL SCIENCE

MONTH	COURSE CONTENT		ASSESSMENTS
APRIL and MAY	Geography Economics History * Project Work	Ch1 India, Size and Location Ch2 India-Physiographic units Ch1 Factors of Production Ch1 French Revolution On Disaster Management	Map work -Map of India showing longitude, latitude, standard meridian and physical features of India
July	Geography Political Science Economics History	Ch3 Drainage Ch2 What is Democracy? Why Democracy? Ch2 People as Resource Ch3 Nazism	Objective Type Test His-Ch1, PolSci-Ch2 Map Work showing rivers of India Map Test-His- Ch1, Geo-Ch1,2
Unit Test - I	Syllabus : Geo – Ch-1,2 Pol.Sc. – Ch 2 Eco – Ch1		
August	Geography Pol. Sci. History	Ch4 Climate Ch3 Constitutional design Ch6 Peasants and Farmers	Map Work showing rainfalls of India (Annual and Average Rainfall)
September	Half Yearly Exams Syllabus-History – Ch-1,3,6 Pol.Sc – Ch 2,3 Geo – Ch 1,2,3,4 Eco – Ch-1,2		
October	Geography Pol. Sci. History Economics	Ch5 Natural Vegetation and Wildlife Ch4 Electoral Politics in Democracy Ch2 Russian Revolution Ch3 Poverty as challenge	Objective Type Test Geo-Ch 5, Pol. Sci. Ch 4 Map work showing Natural Vegetation and Wildlife of India
November	Geography Economics	Ch6 Population Ch4 Food Security	Map Test Geo- Ch 5, 6 Report Writing on Food Security Bill Assignment and Graph Work on Density of Population
December	Pol. Sci.	Ch5 Institution of Parliamentary Democracy Ch6 Citizen Rights in Democracy	MUN (Model United Nations)
Unit Test - II	Syllabus: His – Ch 1,2,3,6 Pol Sc. – Ch 2,3,4 Geo – Ch 1,2,3,4,5 Eco – Ch 1,2,3		
January	Pol. Sci.	Ch6 Citizen Rights in Democracy	
February	Revision for Annual Exams		Practice test
March	Annual Exams Full Syllabus as per CBSE History – Ch 1,2,3,6 Pol Sc – Ch 2,3,4,5,6 Geo – Ch 1,2,3,4,5,6 Eco – Ch 1,2,3,4		
MAP SKILL –Do map work in the Red file and make your own Atlas.			

FRENCH

Prescribed books

1. ENTRE JEUNES (course book)
2. ENTRE JEUNES (activity book cahier d'exercise) Part-1

MONTH	COURSE CONTENT	CLASS ASSESSMENT
APRIL & MAY	<p>Course Book</p> <p>Lecon-1 La famille -Les articles defines -Les articles indefinis -Les vers "er" ending</p> <p>Lecon-2 Au Lycee -Les adjectifs possessives -Les adjectifs demonstratives -Les adjectifs qualificatifs -Prepositions(Group 1&2) -Les verbs "ir" ending</p> <p>Lecon-3 Une journee de Pauline -Les articles contracte -Les articles partitifs -Les verbes pronominaux -Les verbs "re" ending</p> <p>Writing Skill: Dialogue, Reordering,Description of a person, Invitation,Refuser,Accepter</p>	<p>Speaking Skill: Dialogue</p> <p>Listening Skill</p>
<p>JULY</p> <p>UNIT TEST 1</p>	<p>Lecon-4 Les Saisons -Le futur simple -Le futur proche -L'imperatifs</p> <p>Writing Skill: Weather Bulletin,Message</p> <p>Syllabus Course Book,Activity book Lecon-1,2&3</p>	<p>Speaking Skill: Picture description</p>
AUGUST	<p>Lecon-5 Les voyages -Le passe compose avec etre et Avoir -Preposition (Group 3)</p>	<p>Integrated Grammar Test</p>

	<p>Lecon-6 Les loisirs et les sports</p> <ul style="list-style-type: none"> -Les verbes pronominaux avec Passe compose -L'interrogation -L'imparfait <p>Writing Skill: Post card</p>	
<p>SEPTEMBER</p> <p>Half yearly Examination</p>	<p>Revision for half yearly examination</p> <p>Syllabus:</p> <p>Course Book and Activity book</p> <p>L- 1,2,3,4,5 and 6</p>	
OCTOBER	<p>Lecon 7 L'argent de poche</p> <ul style="list-style-type: none"> -Negatifs -Pronom personel -Adjectifs interrogatifs <p>Writing Skill: Informal Letter</p>	Speaking Skill: Decrivez votre jour.
<p>NOVEMBER</p> <p>UNIT TEST 2</p>	<p>Lecon 8 Faire des achats</p> <ul style="list-style-type: none"> -Conditionnel present -Le pronom patitifs "en" -Les expressions de quantite <p>Writing Skill: Recipe</p> <p>Syllabus</p> <p>Course Book, Activity book</p> <p>Lecon-1,2,3,4,5,6 and 7</p>	Listening Skill
DECEMBER	<p>Lecon 9 Un diner en famille</p> <ul style="list-style-type: none"> -Le pronoms 'y' et 'en' -Le Pronom interrogatifs -Le passe recent 	Integrated Grammar Test
JANUARY	<p>Lecon 10 La mode</p> <ul style="list-style-type: none"> -Le comparatives -Le superlatives -Le pronoms toniques 	Listening Skill

FEBRUARY	Lecon 11 Les fetes -Les pronoms relatifs Revision for Final Examination	
MARCH Final Examination	Syllabus covered from April to February, writing skills and grammar topics done during the year.	

FIT (Foundation of Information Technology)

Prescribed Book: - Foundation of Information Technology (by Jiwan Publications)

MONTH	COURSE CONTENT	ASSESSMENT
April	Ch – 1 Convergence of technologies Ch – 2 Computer System	---
May	Ch – 3 Input Devices Ch – 4 Output Devices	ACTIVITY: Make a note on different input and output devices.
July	Ch – 5 Storage Devices Ch – 6 Types of Software Ch – 7 Operating System	ACTIVITY: Make a project on popular software and classify them according to their types.
August	Ch – 8 Introduction to Windows Ch – 9 Word Processing Tool	ACTIVITY: Write an application in MS-Word to your class teacher informing her about the reason for your absenteeism.
UNIT TEST-1	CH-1,2,3,4,5	
September	Revision for SA-1 Examination	
Half Yearly Exams SEPTEMBER	CH-1,2,3,4,5,6,7,8,9	
October	Ch – 10 Communication Technology Ch – 11 Content Technology	----
November	Ch – 12 Presentation Tool	ACTIVITY: Make a PPT on the topic "Networking".

December	Ch – 13 Spreadsheet Tool	ACTIVITY : Create a result sheet for your class using the required formulas.
UNIT TEST-2	CH – 1,2,3,4,5,6,7,8,9,10,11,12	
January	Ch – 14 Word Processing Tool	ACTIVITY: Create a file in MS-Word listing at least 10 mathematical formulas.
February	Ch – 15 Societal impacts of IT REVISION FOR ANNUAL EXAMINATION	----
March : Annual Examination	All Chapters of Book : CH – 1 TO 15	

ART & CRAFT

Book name- Colour Your Imagination

April and May

1. Elements of Art
 - # Knowledge about lines, colours , Textures, Space ,Perspective
 - # Knowledge about 2D and 3D shapes
2. Study of Flowers, Fruits and Vegetables

Holiday homework

- # Make a beautiful Paper Mask of human face by using News paper only

July and August

3. Fruits and Vegetables composition
4. Study of human Face
 - # Eyes ,Nose, Lips and Ears
5. Study of Hands and Feet's

September and October

6. study of Human proportion
7. Study of human body with stick drawing
8. Study of human body with geometrical shapes

November , December and January

9. Drawings of human body with different posture
10. Still life composition

Minimum two each (with pencil and colours)

11. Study of Trees
12. Basic study of Landscape

सत्र :- 2017-2018

कक्षा:- नवीं

प्रस्तावित पुस्तकें:-

1. स्पर्श (भाग-1)
2. संचयन (भाग-2)
3. व्याकरण दर्शिका
4. Me & Mine (सरस्वती हाउस प्र० लि०)

मासिक पाठ्यक्रम

मास	स्पर्श	संचयन	व्याकरण
अप्रैल	गद्यखंड (पाठ-1) धूल काव्य खंड (पाठ-9) 'रैदास'	पाठ-1 गिल्लू	वर्ण विच्छेद, अनुस्वार, अनुनासिक नुक्ता, अनुच्छेद लेखन, संवाद लेखन व चित्र वर्णन।
मई	गद्य खंड (पाठ-2) 'दुख का अधिकार' काव्य खंड (पाठ-10) 'रहीम के दोहे'	पाठ-2 स्मृति	उपसर्ग, प्रत्यय, से शब्द निर्माण, पत्र लेखन विज्ञापन।
प्रथम इकाई परीक्षा पाठ्यक्रम: गद्यखंड (पाठ-1 व पाठ-2) काव्य खंड (पाठ-9 व 10) संचयन (गिल्लू-पाठ-1) व्याकरण वर्णविच्छेद अनुस्वार, अनुनासिक, नुक्ता, विज्ञापन, चित्रवर्णन, पत्र/अनुच्छेद अपठित गद्यांश/काव्यांश (14 जुलाई, 2017)			
जुलाई	गद्यखंड (पाठ-3) 'एवरेस्ट: मेरी शिखर यात्रा' काव्य खंड (पाठ-11) आदमीनामा	पाठ-2 स्मृति	संधि, विराम चिह्न विज्ञापन, अनुच्छेद लेखन उपसर्ग-प्रत्यय से शब्द निर्माण। श्रवण कौशल परीक्षा
अगस्त	गद्यखंड (पाठ-4) 'अतिथि तुम कब जाओगे' काव्य खंड (पाठ-12) 'एक फूल की चाह'	पाठ-3 कल्लू कुम्हार की उनाकोटी	पत्र लेखन, अपठित गद्यांश, वर्ण

मास	स्पर्श	संचयन	व्याकरण
सितम्बर	पुनरावृत्ति		अनुच्छेद, संधि, अपठित गद्यांश / पद्यांश
अर्द्धवार्षिक परीक्षा हेतु पाठ्यक्रम अप्रैल से सितम्बर तक का पठित सम्पूर्ण पाठ्यक्रम			
अक्तूबर	काव्य खंड (पाठ-13) 'गीत-अंगीत' गद्यखंड (पाठ-6) 'कीचड़ का काव्य' गद्यखंड (पाठ-5) 'वैज्ञानिक चेतना के वाहक'		वर्ण विच्छेद, अनुस्वार, अनुनासिक नुक्ता, संवाद लेखन
नवम्बर	काव्य खंड (पाठ-14) 'अग्निपथ' गद्यखंड (पाठ-7) 'धर्म की आड़'	पाठ-4 'मेरा छोटा सा निजी पुस्तकालय'	संधि, उपसर्ग, प्रत्यय से शब्द निर्माण, आशु भाषण
द्वितीय ईकाई परीक्षा पाठ्यक्रम गद्यखंड पाठ 1,2,3,4,5,6 काव्य खंड पाठ - 9,10,11,12,13,14 संचयन पाठ-3,4 व्याकरण, उपसर्ग, प्रत्यय, संधि, विराम चिह्न, विज्ञापन, संवाद लेखन, पत्र लेखन, अपठित गद्यांश/पद्यांश (19 दिसम्बर 2017)			
दिसम्बर	गद्यखंड (पाठ-8) 'शुक्रतारे के समान'	पाठ-5 हामिदखॉ	वर्ण-विच्छेद पत्र-लेखन अपठित गद्यांश/पद्यांश
जनवरी	काव्य खंड (पाठ-15) 'नए इलाके में' व 'खुशबू रचते हैं साथ'		विराम चिह्न, संवाद लेखन पत्र-लेखन, विज्ञापन अनुच्छेद लेखन
फरवरी	पुनरावृत्ति	पाठ-6 'दिए जल उठे'	वर्ण विच्छेद, विज्ञापन संवाद लेखन, चित्र वर्णन
वार्षिक परीक्षा हेतु पाठ्यक्रम: सम्पूर्ण पठित पाठ्यक्रम अप्रैल 2017 से फरवरी 2018 तक व्याकरण व संचयन पुस्तिका सहित।			

