



GRAIN CHAMBER PUBLIC SCHOOL

Affiliated to C.B.S.E., New Delhi, up to 10+2 level

NEW MANDI, MUZAFFARNAGAR-251 001 (U.P.)

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SYLLABUS
FOR THE SESSION
2015-2016

Class - IX

Subject	SA 1	FA 1	FA 2	SA2	FA3	FA4
English	<p>Section A : Reading Skills - Unseen Passage (Grammar Book)</p> <p>Section B : Writing Skills - Diary entry, Article wr., Formal and informal letters, Story wr.</p> <p>M.C.B. : Unit 1 to 3</p> <p>Section C : Grammar Skills - Tenses, Modals, Passive Voice, Sub-verb concord, Reported Speech, Clauses, Noun Clauses, Adverb clauses of condition of time, Relative clauses, Determiners, Prepositions, Conjunctions, Pronoun.</p> <p>Work book - Unit 1 to 4</p> <p>Grammar book - L. 1 to 4, 10-16, 19, 20, 22, 23</p> <p>Section D : (Literature) - Fiction 1, 2. Poem 1 to 3. Drama -1.</p> <p>Long Reading Text : Novel - Gulliver's Travels Part I & II.</p> <p>Lang. Lab. - Module 1</p> <p>ASL -1 Practical</p>	<p>Fiction- 1</p> <p>Poem - 1</p> <p>Grammar- Tenses Writing</p> <p>Section- Diary entry</p> <p>Novel Part -I</p> <p>L. - 1, 2</p> <p>Lang. Lab. Module 1</p> <p>Session- 1 to 3</p>	<p>Fiction - 2</p> <p>Poem - 2</p> <p>Grammar- Conjunction</p> <p>Wr. Section Formal</p> <p>Letter</p> <p>Novel Part- II</p> <p>L. - 1, 2</p> <p>Lang. Lab. Module 1</p> <p>Session- 4 to 6</p>	<p>Section A : Reading Skills - Unseen Passage (Grammar Book)</p> <p>Section B : Writing Skills - Diary entry, Article wr., Formal and informal letters, Story wr.</p> <p>M.C.B. :- Unit 4 to 7</p> <p>Section C : Grammar Skills - Tenses, Modals, Passive Voice, Sub-verb concord, Reported Speech, Clauses- Noun clauses, Adverb clauses of time & condition, Relative clause, Determiners, Prepositions, Conjunctions, Pronoun.</p> <p>Work book - Unit 5 to 8</p> <p>Grammar book - L. 5 to 9, 17, 18, 21, 25 to 27</p> <p>Section D : Literature - Fiction 3, 4, 5. Poem 4 to 7. Drama -2</p> <p>Long Reading Text : Novel - Gulliver's Travels Part III & IV.</p> <p>Lang. Lab. - Module 4</p> <p>ASL -1 Practical</p>	<p>Activities - 1. Speech. The quality required for success.</p> <p>2. Story wr. based on poem</p> <p>Song of the rain.</p> <p>3. Portfolio William Shakespeare</p> <p>4. Dialogue wr.</p> <p>5. Article wr. "Modern Generation and Fast food."</p> <p>Lang. Lab. Module 4</p> <p>Session 1 to 4</p>	<p>Fiction - 4</p> <p>Poem - 7</p> <p>Grammar - Preposition</p> <p>Wr. Section</p> <p>Story wr.</p> <p>Novel Part- IV</p> <p>L. - 1, 2</p> <p>Lang Lab. Module - 4</p> <p>Sesson 5 to 10.</p>
Hindi	SA 1	FA 1	FA 2	SA2	FA3	FA4
	<p>क्षितिज- भाग-1</p> <p>गद्यांश- पाठ-1, 2, 3, 4</p> <p>काव्य खंड- पाठ-9, 10, 11, 12, 13</p> <p>कृतिका- भाग-1, पाठ-1, 2</p> <p>व्याकरण- उपसर्ग, प्रत्यय, समास, अर्थ के अनुसार वाक्य भेद, अलंकार, निबंध-लेखन, पत्र-लेखन, प्रतिवेदन, अपठित गद्यांश व पद्यांश</p>	<p>क्षितिज- भाग-1</p> <p>गद्यांश- पाठ-1</p> <p>काव्य खंड- पाठ-1</p> <p>व्याकरण- उपसर्ग, प्रत्यय</p>	<p>क्षितिज- भाग-1</p> <p>गद्यांश- पाठ-2</p> <p>काव्य खंड- पाठ-10, 11</p> <p>कृतिका- भाग-1, पाठ-1</p>	<p>क्षितिज- भाग-1</p> <p>गद्यांश- पाठ-5, 6, 7, 8</p> <p>काव्य खंड- पाठ-14, 15, 16, 17</p> <p>कृतिका- भाग-1, पाठ-3, 4, 5</p> <p>व्याकरण- उपसर्ग, प्रत्यय, समास, अर्थ के अनुसार वाक्य भेद, अलंकार, निबंध-लेखन, पत्र-लेखन, प्रतिवेदन, अपठित गद्यांश व पद्यांश।</p>	<p>क्रियाकलाप- 1. 1857 में क्रान्तिकारियों के बारे में जानकारी एकत्र करके किन्हीं चार क्रान्तिकारियों के</p>	<p>क्षितिज- भाग-1</p> <p>गद्यांश- पाठ-6, 7</p> <p>काव्यांश- पाठ-15, 16</p> <p>कृतिका- भाग-1</p>

Subject	SA 1	FA 1	FA 2	SA2	FA3	FA4
			व्याकरण— उपसर्ग, प्रत्यय, समास		चित्र चिपकाकर उनके बारे में 5-5 वाक्य लिखें। 2. मुंशी प्रेमचंद का चित्र चिपका कर उनके व्यक्तित्व एवं कृतित्व संबंधी जानकारी एकत्र करके 10 पंक्तियाँ लिखें। 3. विवाह में संपन्न होने वाली किन्हीं पाँच रस्मों पर आलेख एवं प्रस्तुतीकरण। 4. काम पर जाते किसी बच्चे के स्थान पर अपने आप को रखकर देखिए। आपको जो महसूस होता है उसे (अनुच्छेद —लेखन) के रूप में लिखें। 5. दिए गए चित्र के आधार पर संक्षिप्त कहानी और उसका शीर्षक लिखना।	पाठ—3, 4 व्याकरण— अलंकार, समास, उपसर्ग, प्रत्यय, अर्थ के अनुसार वाक्य भेद।
Sanskrit	SA 1	FA 1	FA 2	SA2	FA3	FA4
	खण्ड: (क) अपठित—अवबोधनम् खण्ड: (ख) अनौपचारिक पत्रम्, चित्राधारितवर्णनम्/ अनुच्छेद लेखनम् वा। खण्ड: (ग) संस्कृत वर्णमाला, सन्धिकार्यम्, शब्द रूपाणि, धातुरूपाणि, उपपद विभक्तीनाम् प्रयोगाः, प्रत्ययाः खण्ड: (घ) मणिकाः— पाठ 1 से 6 तक।	खण्ड: (ग) संस्कृत वर्णमाला सन्धिः— स्वर सन्धिः शब्द रूपः— साधु, कवि, बालकः, युष्मद् धातु रूपः— भू, कृ	खण्ड: (ग) सन्धिः— व्यञ्जन व विसर्ग शब्द रूपः— रमा, फलम्, अस्मद्, मति धातु रूपः— पठ्,	खण्ड: (क) अपठित—अवबोधनम् खण्ड: (ख) अनौपचारिक पत्रम्, चित्राधारितवर्णनम्/ अनुच्छेद लेखनम् वा खण्ड: (ग) शब्द रूपाणि, धातु रूपाणि, उपपद विभक्तीनाम् प्रयोगाः, प्रत्ययाः खण्ड: (घ) मणिकाः— पाठ— 7 से 14 तक।	1. अपनी दिनचर्या के विषय में पिता को पत्र संस्कृत में लिखिए। 2. परोपकारिणः वृक्षा सततं सेवारताः सन्ति। अस्माभिः	खण्ड: (ग) शब्द रूपः— भवत्, राजन्, विद्वस् धातुरूपः— गम्, याच्, अस्, लभ् प्रत्ययाः— शत्, शानच्, क्त,

Subject	SA 1	FA 1	FA 2	SA2	FA3	FA4
		प्रत्ययः- क्त्वा खण्डः (घ) मणिका:- पाठ- 1, 2	सेव् प्रत्ययाः- ल्यप् प्रत्यय खण्डः (घ) मणिका: पाठ- 3, 4		अपि तद्वत परोपकारिभिः भूत्वा जीवनयापनं कर्तव्यम् । एताः पञ्च सूक्तय संस्कृते लिख्यताम् । 3. 'वृक्षाः- अस्माकं मित्राणि' इस विषय पर पाँच वाक्यों का संस्कृत में एक अनुच्छेद लिखिए । 4. काव्यपाठः- 'भारते नास्ति मे जीवनं जीवनम्' पर आधारित प्रश्नोत्तर लिखिए । 5. शब्द धातु रूपाणाम् वाक्येषु प्रयोगः अशुद्धि शोधनम् च	क्तवतु उपपद विभक्तीनाम प्रयोगः खण्डः (घ) मणिका:- पाठ- 7, 8, 9
Maths	SA 1	FA 1	FA 2	SA2	FA3	FA4
	Number System, Polynomials, Co-ordinate Geometry, Introduction to Euclid Geometry, Lines and Angles, Triangles, Heron's Formula Math Lab. Manual - Unit IV Geometry Activity 10 to 15	N u m b e r System & Polynomials Math Lab. Manual- Unit I- Number System Unit - II Algebra	H e r o n ' s Formula, Co-ordinate Geometry Math Lab. Manual- Unit - III Co-ordinate Geometry	Linear Equations, Quadrilaterals Areas of Parallelograms & Triangles, Circles, Construction Surface Area and Volume, Statistics, Probability Math Lab. Manual - Unit IV Geometry Activity 22 to 30 Activity 33	Circles and quadrilaterals Activity : Verification of the theorems based on Chaps - Circle and parallelogram Math Lab. Manual- Unit - IV Geometry Activity 16 to 21	P.S.A. Math Lab. Manual - Unit V Mensuration Unit VI Activity - 34 & 35

Physics	SA 1	FA 1	FA 2	SA2	FA3	FA4
	Ch. - 8, 9, 10 (up to Floatation)	Theory- Ch. - 8 Practicals - Nil	Theory- Ch. - 9, 10 (upto Floatation) Practicals - To establish relationship between the weight & minimum force required to just move it.	Ch. - 11, 12, 10 (after Floatation)	Theory- Ch. - 11, 10 (after Floatation) Exp. 1 : To determine the density of solid by using spring balance. Exp. 2 : To establish the relation between lose of weight of solid when fully immersed in tap water & strongly salty water. Exp. 3 : Observe and compare the pressure exerted by solid iron cuboid on Sand. Act. : 11.1 & 11.5 (NCERT)	Theory- Ch. - 12 Exp. 1 : To determine velocity of pulse through a stretched string. Exp. 2 : To determine the velocity of pulse propagated through a slinky spring. Exp. 3 : To verifies the law of reflection of sound.
Chemistry	SA 1	FA 1	FA 2	SA2	FA3	FA4
	Ch. - 1, 2	Ch. - 1 Lab. Activities - Exp. 1- To determine the melting & boiling point of water.	Ch. - 2 Lab. Activities - Exp. 1- To prepare (a) true solution of salt, sugar & Alum. (b) Suspension of soil, chalk powder, sand in water. (c) Colloidal solun. (starch in water & egg albumin in water) Exp. 2 : To prepare mixture & determine type of mixture. Exp. 3 : Separation of mixture of sand, salt. Exp. 4 : Study the different type of chemical reactions.	Ch. - 3, 4	Ch. - 3 Lab. Activities - To verify the law of conservation of mass in a chemical reaction. Activities : 3.2, Group Activity (Page 45) - Writing formulae	Ch. - 4 Lab. Activities - Nil.
Biology	SA 1	FA 1	FA 2	SA2	FA3	FA4
	Ch. - 5, 6, 15	Ch. - 5 Lab. Activities - Exp. 1- To prepare stained temporary mount of onion peel and human cheek cells.	Ch. - 6, 15 Lab. Activities - Exp. 1- To identify different types of plant tissues from prepared slides. Exp. 2 : To identify different	Ch. - 7, 13, 14	Ch. - 7 (upto Plant kingdom) Lab. Activities - Exp. 1 : To study the external characteristics of spirogyra/Agaricus, Moss/Fern, Pinus	Ch. - 7 (After plant kingdom) Ch. - 13, 14 Lab. Activities - Exp. 1: To study external features (structured) of earthworm,

Subject	SA 1	FA 1	FA 2	SA2	FA3	FA4
		Exp. 2 : To determine the mass percentage of water imbibed by raisins.	types of animal tissues from prepared slides. Exp. 3 : To test the presence of starch in given samples of food. Exp. 4 : To test the presence of adulterant metanil yellow in dal.		(male & female cone) & an Angiospermic plant. Exp. 2 : To study external features of root, stem, leaf & flower of monocot & dicot plant. Activities : (1) 7.2, 7.4 (Dicot & Monocot, Seeds, Flowers, Roots)	cockroach, bony fish, bird. Exp. 2 : To study the life cycle of Mosquito.
S. Sc.	SA 1	FA 1	FA 2	SA2	FA3	FA4
	History - L. - 1, 2 Geography - L. - 1 to 3 Civics - L. - 1 to 3 Eco. - L. - 1, 2 Lab. Manual - Based on prescribed chapters.	Geo. - L. - 1 Eco. - L. - 1 Lab. Manual - Part A - 1, 2 Part - D Eco. Q. No. 1, 2, 3	History - L. - 1 Civics - L. - 1 Lab. Manual - Part B F.T. 1 Part - C Q. No. 1, 2	History - L. - 5, 8 Geography - L. - 4 to 6 Civics - L. - 4 to 6 Eco. - L. - 3, 4 Lab. Manual - Based on prescribed chapters.	Project based on Disaster & Disaster Management	P.S.A.
Computer	SA 1	FA 1	FA 2	SA2	FA3	FA4
	Chapter – 1 - 5			Chapter – 6 - 10		
Sports	SA 1	FA 1	FA 2	SA2	FA3	FA4
	April-May – Chess - 1. History 2. Rules 3. Name of chessmates 4. Fundamental Skills July-Aug. – Table Tennis-1. History 2. Rules 3. Tips of Remember 4. Fundamental Skills Sep.-Oct. – Kho-Kho 1. History 2. Rules 3. Tips of Remember 4. Fundametal Skills			Nov.-Dec. – Basket Ball - 1. History 2. Rules 3. Tips of Remember 4. Fundamental Skills Jan.-Feb. – Athletics- 1. History 2. Treck Events 3. Field Events		
Yoga	SA 1	FA 1	FA 2	SA2	FA3	FA4
	April-May – History of Yoga Surya Namaskar 1. Stages 2. Benefits July-Aug. – Tarasana 1. Method, 2. Benefit			Nov.-Dec. – Paschimottan Asana 1. Method 2. Benefits Jan.-Feb. – Recaptulation of all Yoga.		

Subject	SA 1	FA 1	FA 2	SA2	FA3	FA4
	Sep.-Oct. – Trikon Asana 1. Method 2. Benefit					
Art. Edu.	SA 1	FA 1	FA 2	SA2	FA3	FA4
	April-May – Introduction & Index, Knowledge of colours & lines. July-Aug. – Spray printing / Thread painting with the help of stencil Sep.-Oct. – Bird or Animal			Nov.-Dec. – Flower (colour) Jan.-Feb. – Story illustration in any media		
W.E.	SA 1	FA 1	FA 2	SA2	FA3	FA4
	April-May – Making of gift wrapping paper with leaf painting, fruit painting, block printing, vegetable printing. July-Aug. – Copying monograms, symbols and trademarks of different companies and products. Sep.-Oct. – Making artificial flowers using duplex or crepe paper, velvet or satin cloth or any thing else.			Nov.-Dec. – Helping school authorities in organizing picnic, tours, function, exhibitions, excursion. Jan.-Feb. – Fabric Painting, Paint a jute shopping bag.		