



GRAIN CHAMBER PUBLIC SCHOOL

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

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

Phone: 0131-8899102141, 2602141 (Jr. Wing), 8899402549, 2602549 (Sr. Wing)

**SYLLABUS
FOR THE SESSION
2018-2019**

Class - VIII

Subject	I Periodic Test (20)	Half Yearly Exam. (80)	II Periodic Test (20)	Annual Exam.
English	<p>Literature –</p> <ul style="list-style-type: none"> • The Best Christmas Present in the World • A Visit to Cambridge • Geography Lesson (Poem) <p>Grammar – Determiners, Verb, Tenses, Modals</p> <p>Writing – Message Writing, E-mail Writing</p> <p>Learning Words –Oxymorons, Judging the Logic of Action</p> <p>Comprehension & Listening Comprehension – Module - 2 – Sessions - 1 to 4 It's so happened – Ch. 1 to 3</p>	<ul style="list-style-type: none"> • The Best Christmas Present in the World • Geography lesson (Poem) • A Visit to Cambridge • The Ant and the Cricket (Poem) • The Tsunami (Interdisciplinary Project) • Macavity : (The Mystery cat) (Poem) • When I set out for Lyonesse (Poem) • The Great Stone face I • The Great Stone face II <p>Grammar – Determiners, Verb Tenses, Modals, Non-finite Verbs, Reported Speech</p> <p>Writing –Message Writing, Notice Writing, Speech, E-mail, Diary Entry</p> <p>Comprehensions &</p>	<p>Literature - Ch. Bepin Choudhary's Lapse of Memory</p> <ul style="list-style-type: none"> • The Summit Within (Poem) • The School Boy (Poem) • A Short Monsoon Diary • On the Grasshopper and Cricket (Poem) <p>Grammar</p> <ul style="list-style-type: none"> • Adjectives • Adverbs • Prepositions <p>Writing –</p> <ul style="list-style-type: none"> • Formal letter • Article Writing <p>Learnig Words – • "ize" and "ise" words</p> <ul style="list-style-type: none"> • Making Decisions <p>Comprehensions & Listening Comprehension – Module - 5 – Session - 1 to 15</p> <p>It's so happened – Ch. 6 to 8</p>	<p>Literature -</p> <ol style="list-style-type: none"> 1. Bepin Choudhary's Lapse of Memory 2. The Summit Within (Poem) 3. The School Boy (Poem) 4. A Short Monsoon Diary 5. On the Grasshopper and Cricket (Poem) 6. Glimpses of the Past 7. The Last Bargain (Poem) 8. This is Jody's Fawn 9. The Duck and the Kangaroo (Poem) 10. Geography Lesson 11. The Best Christmas Present in the World 12. Macavity : (The Mystery cat) (Poem) <p>Writing –</p> <ul style="list-style-type: none"> • Biographical Sketch, Article Writing,

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		Listening Comprehension – • Dictionary Reading • Judging the Accuracy Module-2 (Session 5 to 8) It' so happened Ch. 3 to 5		• formal Letter, Story Writing, Message Writing, Notice Writing Grammar – • Adjectives, • Adverbs • Prepositions, • Conjunctions. • Clauses • Voice Comprehension & Listening Comprehension – Learnig Words – • Oxymoron • "ize" and "ise" words • Making Decisions • Identifying values Module - 5-Sessions - 16 to 30 It's so happened – Ch. 9 to 10
Hindi	वसंत- पाठ 1. ध्वनि (कविता) पाठ 2. लाख की चूड़ियाँ (कहानी) पाठ 3. बस की यात्रा (व्यंग्य) पाठ 5(i). चिट्ठियों की अनूठी दुनिया (लेख) पाठ 5(ii). चिट्ठियाँ (कार्ड बनाना तथा चिट्ठी लेखन) (क्रियाकलाप) चिट्ठी पत्री-डाकघर से डाक सामग्री संकलित कर (स्क्रेप बुक बनाना) (क्रियाकलाप) भारत की खोज	वसंत- पाठ 6. भगवान के डाकिए (कविता) पाठ 7. क्या निराश हुआ जाए (निबन्ध) वाद-विवाद प्रतियोगिता (क्रियाकलाप) पाठ 13(i) जहाँ पहिया है (रिपोर्ताज) पाठ 14. अकबरी लोटा (कहानी) पाठ 9. कबीर की सारिवयौं (दोहा वाचन) पाठ 8(i) पहाड से उँचा आदमी (पठन- पाठन) वाद विवाद प्रतियोगिता	वसंत- पाठ-4 दीवानों की हस्ती (कविता) पाठ-11 जब सिनेमा ने बोलना सीखा (लेख) पाठ-8(i) यह सबसे काठेन समय नहीं (कविता) पाठ-10 कामचोर (कहानी) पाठ-11(ii) कम्प्यूटर गाएगा गीत (पठन- पाठन) पाठ-15 सूरदास के पद (कविता वाचन)	वसंत- पाठ-2 लाख की चूड़ियाँ पाठ-6 भगवान के डाकिए व्याकरण- 1. संज्ञा, 2.सर्वनाम 3. विशेषण पाठ-12 सुदामा चरित्र (कविता) पाठ 16(i) पानी की कहानी (लेख) पाठ 17 बाज और साँप (कहानी) पाठ 13(ii) पिता के बाद (कविता-लेखन क्रियाकलाप) पाठ 18 टोपी (समूह में कहानी-प्रस्तुतिकरण) पाठ 16(ii) हम पृथ्वी की संतान

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	प्रस्तुतिकरण- चिट्ठी पत्री डाकघर से डाक सामग्री संकलित कर स्क्रेप बुक में लगाना रचनात्मक लेखन- अनुच्छेद लेखन व्याकरण- वर्ण, शब्द-विचार, संज्ञा, कारक, अनेकार्थी शब्द बोध - गद्यांश, पद्यांश	(क्रियाकलाप) भारत की खोज प्रस्तुतिकरण- वाद विवाद प्रतियोगिता रचनात्मक लेखन- विज्ञापन, पत्र लेखन (अनौपचारिक) व्याकरण- पद परिचय, सर्वनाम, विशेषण, पर्यायवाची शब्द, विलोम शब्द बोध - गद्यांश, पद्यांश (Including Pd I syllabus)	प्रस्तुतिकरण- सूरदास/सुदामा चरित्र के दो पदों की प्रस्तुति रचनात्मक लेखन- संवाद लेखन, पत्र लेखन (औपचारिक) व्याकरण- 1 संधि, 2 समास 3 क्रिया 4. अनेक शब्दों के लिए एक शब्द बोध - गद्यांश, पद्यांश	(पठन- पाठन) भारत की खोज प्रस्तुतिकरण- समूह में कहानी प्रस्तुतिकरण रचनात्मक लेखन- चित्र-वर्णन, अनुच्छेद लेखन व्याकरण- काल एवं उसके भेद, उपसर्ग-प्रव्यय, विराम चिन्ह, मुहावरे, लोकांक्तियाँ बोध- गद्यांश, पद्यांश (Including Pd II syllabus)
Sanskrit	रुचिरा- पाठ- 1: सुभाषितानि पाठ- 2: 'बिलस्य वाणी न कदापि में श्रुता' पाठ- 3: भगवदज्जुकम् व्याकरण- संख्यावाचक शब्दाः 1 से 20 तक शब्दरूप- रामः, मुनिः धातुरूप- पठ्, गम् संधि- स्वर संधि, दीर्घ, उपसर्ग	रुचिरा- पाठ- 1 से 7 तक। व्याकरण- संख्यावाचक शब्दाः- 1 से 50 तक। शब्दरूप- रामः, मुनिः, माता, युष्मद् धातुरूप- पठ्, गम्, खाद्, दृश् संधि- दीर्घ, गुण, वृद्धि उपसर्ग, प्रत्यय-कत्वा अपठित अवबोधनम्, पत्र लेखनम्, संवाद लेखनम्, निबन्ध लेखनम्, कारक।	रुचिरा- पाठ- 8, 9, 10 व्याकरण- संख्यावाचक शब्दाः 51 से 75 तक शब्दरूप- फलम्, अस्मद् धातुरूप- भू, चल् संधि- यण संधि कारक, प्रत्यय- ल्यप्।	रुचिरा- पाठ- 8 से 15 तक। पाठ- 2 व 7 व्याकरण- संख्यावाचक शब्दाः 51 से 100 तक। शब्दरूप- फलम्, अस्मद्, मुनिः, माता धातुरूप- गम्, भू, चल, पठ् संधि- स्वर संधि कारक, उपसर्ग, प्रत्यय अपठित अवबोधनम् संवादलेखनम्, निबन्ध लेखनम्, पत्र लेखनम्
Maths	Ch.1 Rational Numbers Ch.12 Exponents and Powers Ch.6 Squares and Square Roots	Ch.1 Rational Numbers Ch.12 Exponents and Powers Ch.6 Squares and square roots	Ch.14 Factorisation Ch.10 Visualising Solid Shapes Ch.11 Mensuration	Ch.11 Mensuration Ch.14 Factorisation Ch.10 Visualising Solid Shapes Ch.13 Direct and Inverse

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	Ch.7 Cubes and Cube Roots	Ch.7 Cubes and cube roots Ch.3 Understanding Quadrilateral Ch.4 Practical Geometry Ch.9 Algebraic Expressions and Identities Ch.2 Linear Equations in one Variable	Ch.13 Direct and Inverse Proportions	proportions Ch.8 Comparing Quantities Ch.12 Exponents and Powers Ch.5 Data Handling Ch.1 Rational Numbers Ch.15 Introduction to Graphs Ch.16 Playing with numbers
Science	Ch. 8 : Cell Ch. 11 : Force & Pressure Ch. 12 : Friction Ch. 3 : Synthetic Fibres & Plastics Project/Hands on learning- Ch 7. Conservation of Plants & Animals Enrichment- Activities related to the above chapters	Ch. 2 : Microorganisms Ch. 4 : Metals & Non-metals Ch. 6 : Combustion & Flame. Ch. 8 : Cell Ch. 12 : Friction Ch. 11 : Force & Pressure Ch. 3 : Synthetic Fibres & Plastics Project/Hands on learning- Ch. 18 : Pollution of Air & Water. Enrichment- Activities related to the above chapters	Ch. 15 : Some Natural Phenomena Ch. 16 : Light Project/Hands on learning- Ch. 1 : Crop Production & Management Ch. 17 : Stars & the Solar System. Enrichment- Activities related to the above chapters	Ch. 9 : Reproduction in Animals Ch. 10 : Reaching the age of adolescence Ch.13 : Sound Ch. 5 : Coal & Petroleum Ch. 2 : Micro-organism Ch. 12 : Friction Ch. 8 : Cell Ch. 4 : Metals & Non Metals Ch. 15 : Some Natural Phenomena Ch. 16 : Light Project/Hands on learning- Ch. 14 : Chemical effects of electric current Enrichment- Activities related to the above chapters

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S. St.	History- Ch. 2 : From Trade to Territory Ch. 3 : Ruling the Country side Civics - Ch. 1 : The Indian Constitution Geography - Ch. 1 : Resources Ch. 6 : Human Resources Hands on learning- History - Ch. 1 : How, When and Where Civics- Ch. 2 : Understanding / Secularism	History- Ch. 2 : From Trade to Territory Ch. 3 : Ruling the Country side Ch. 4 : Tribal, Dikus & the vision of a Golden Age. Ch. 5 : When people Rebel (1857 and After) Civics- Ch. 1 : The Indian Constitution Ch. 3 : Why do we need a parliament? Geography - Ch. 1 : Resources Ch. 6 : Human Resources Ch. 2 : Land, Soil, Natural Vegetation and Wildlife Resources Hands on learning - History - Ch. 6 : Colonialism & the City. Civics- Ch. 4 : Understanding Laws	History- Ch. 9 : Women Caste and reform Ch. 10 : The changing world of Visual Arts. Civics- Ch. 5 : Judiciary Ch. 6 : Understanding our Criminal Justice System. Geography - Ch. 3 : Mineral and Power Resources Ch. 4 : Agriculture Hands on learning - History - Ch. 7 : Weavers, Iron Smelters and Factory owners Ch. 8 : Civiizing the "Native" Civics - Ch. 7 : Understanding	History- Ch. 3 : Ruling the Country side Ch. 5 : When people Rebel (1857 and After) Ch. 9 : Women Caste and reform Ch. 10 : The changing world of Visual Arts. Ch. 11 : The making of the National movement 1870's - 1947. Ch. 12 : India after Independence Civics Ch. 3 : Why do we need a parliament? 5 : Judiciary Ch. 6 : Understanding our Criminal Justice System. Ch. 9 : Public facilities Ch. 10 : Law and Social Justice Geography - Ch. 3 : Mineral and Power Resources Ch. 4 : Agriculture Ch. 5 : Industries Ch. 6 : Human Resources Hands on learning -

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				Ch. 8 : Confronting marginalisation Enrichment Activies Based on Chapters
Stem Lab	Unit - 1 : Kit Introduction 1. Kit Introduction 2. Basic Design Consideration in robotics 3. Problem Solving Loop 4. Introduction to Programming 5. Modular Test Vehicle	Including I Periodic Test Unit-2 : Motion Transmission and Transformation 1. Gears for speedup & speed down etrcular to liniar motion 3. Crank and Slider Mechanism 4. Cam and Follower 5. Hammer Mechanism Unit - 3 : Ultrasonic Sensor & It's Application 1. Working Principle of Ultrasonic Sensor 2. Programming of Ultrasonic Sensor 3. Application of Sound Waves in Technology	Unit - 4 : Variable, Expression and Equation 1. Data Wires & Data Types 2. Variable in Programming 3. Application of Mathematics in Robotics Unit - 5 : Elastic Energy and Wind Energy 1. Elastic Potential Energy 2. Types of Wind Force 3. Application of Wind Energy	Including II Periodic Test Unit - 6 : Explore with Probot 1. Properties of Equilateral Triangle 2. Mensuration 3. Data Handling Unit - 7 : Basic Electronics Component 1. Resistors, Capacitors and Relay 2. Ohm's Law 3. Series & Parallel connections of Component

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	SA - I (Half Yearly Exam.)	SA - II (Annual Exam.)		
	Ch. 1 : Networking Concepts Ch. 2 : Windows Movie Maker Ch. 3 : Log on to Access Ch. 4 : Working with Tables Ch. 5 : Working with Queries Ch. 6 : Adobe Photoshop CS3	Ch. 7 : More on Photoshop CS3 Ch. 8 : Visual Basic 2010 Express Ch. 9 : More on VB 2010 Express Ch. 10 : Understanding HTML Ch. 11 : Using list and creating a table Ch. 12 : Surfing Internet		
Art Edu.	April – Decorate file cover, Introduction & Index May – Prepare Bookmark July – Knowledge of Colours August – Thumb Printing (Different Colours) September – Any bird or animal. October – A Garden scene / Sunrise scene (Sketch Pen) November – Poster on any festivals. December – Cartoon Picture of any famous person. January – Collage (coloured paper) February – Advertisement of any product.			
G. K.	I Periodic Test (20)	Half Yearly Exam. (80)	II Periodic Test (2)	Annual Exam. (80)
	—	Unit - I, II	—	Unit - III, IV
H. & Phy. Edu.	Kho - Kho Aerobics Exercise Cricket Yoga Surya Namaskar	Volley Ball Football Badminton Aerobics Exercises Tadaasan Trikona Asana Paschimotan Asana	Basket Ball Hand Ball P. T. Exercises Standing and Sitting	Athletics A. Races B. Throws C. Jumps Surya Namaskar and All Yogasan