



# 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

2018-2019

**Class - VII**

Subject	I Periodic Test (20)	Half Yearly Exam. (80)	II Periodic Test (20)	Annual Exam. (80)
English	<b>Understanding Literature-</b> Ch.: Three Questions Poem : The Squirrel Ch.: A Gift of Chappals Poem : Trees The Story of Cricket (Interdisciplinary Project) <b>Learning to Write</b> <ul style="list-style-type: none"> <li>• Informal E-mail</li> <li>• Diary Entry</li> </ul> <b>Learning Grammar</b> <ul style="list-style-type: none"> <li>• Determiners</li> <li>• Tenses</li> </ul> <b>Learning Words Thinking Skills</b> <ul style="list-style-type: none"> <li>• Similes &amp; Metaphors</li> <li>• Identifying Main Ideas</li> <li>• Drawing Conclusions</li> </ul> <b>Comprehensions &amp; Listening Comprehension</b> Module - 1 Session 1 to 3 An Alien Hand – Ch. 1 to 3	<b>Understanding Literature-</b> Ch. : Three Questions Poem : The Squirrel Ch.: A Gift of Chappals Poem : Trees The Story of Cricket (Interdisciplinary Project) Ch.: The Ashes that Made Trees Bloom Poem :The Shed Poem : Mystery of the Talking Fan Ch.: The Invention of Vita- Vonk Ch.: Fire ! Friend and Foe <b>Learning to Write</b> <ul style="list-style-type: none"> <li>• E-mail Writing • Diary            Entry • Speech • Biographical            Sketch • Factual Description</li> </ul> <b>Learning Grammar</b> <ul style="list-style-type: none"> <li>• Determiners • Tenses</li> <li>• Reported Speech</li> <li>• Sentences • Clauses</li> </ul> <b>Learning Words Thinking Skills</b>	<b>Understanding Literature-</b> Poem : The Rebel Ch. : Quality Ch. : Expert Detectives Poem : Meadow Surprises Poem : Garden Snake <b>Learning to Write</b> <ul style="list-style-type: none"> <li>• Formal Letter • Message            Writing</li> </ul> <b>Learning Grammar</b> <ul style="list-style-type: none"> <li>• Adjectives • Prepositions</li> <li>• Modals</li> </ul> <b>Learning Words Thinking Skills</b> <ul style="list-style-type: none"> <li>• Describing People</li> <li>• Testing Generalizations</li> </ul> <b>Comprehensions &amp; Listening Comprehension</b> Module - 4 Session 1 to 11 An Alien Hand – Ch. 6 to 8	<b>Understanding Literature-</b> Poem : The Rebel Ch. : Three Questions Ch. : Quality Ch. : Expert Detectives Ch. : Gopal and the Hilsa-Fish (Reading Theatre) Ch. : A Bicycle in Good Repair Poem : Chivvy Poem : Meadow Surprises Poem : Garden Snake Poem : Dad and the Cat and the Tree Poem : The Shed <b>Learning to Write</b> <ul style="list-style-type: none"> <li>• Formal Letter • Story Writing</li> <li>• Message Writing • Notice            Writing • Factual Description</li> </ul> <b>Learning Grammar</b> <ul style="list-style-type: none"> <li>• Adjectives • Prepositions</li> <li>• Modals • Voice • Editing</li> <li>• Conjunctions • Determiners</li> </ul> <b>Learning Words Thinking Skills</b>



Subject	I Periodic Test (20)	Half Yearly Exam. (80)	II Periodic Test (20)	Annual Exam. (80)
		<ul style="list-style-type: none"> <li>• Similes &amp; Metaphors</li> <li>• Drawing Conclusions</li> <li>• Identifying Main Ideas</li> <li>• Silent Letters</li> <li>• Proposing Alternatives</li> </ul> <b>Comprehensions &amp; Listening Comprehension</b> Module - 1 Session 4 to 6 An Alien Hand – Ch. 4 to 5		<ul style="list-style-type: none"> <li>• Describing People • Testing Generalizations • Onomatopoeia</li> <li>• Similes &amp; Metaphors • Prefixes and Suffixes</li> </ul> <b>Comprehensions &amp; Listening Comprehension</b> Module - 4 Session 12 to 22 An Alien Hand – Ch. 9 to 10
Hindi	<b>वसंत</b> पाठ 1 : हम पंछी उन्मुक्त गगन के पाठ 2 : दादी माँ पाठ 10 : अपूर्व अनुभव पाठ 19 : आश्रम का अनुमानित व्यय (पठन-पाठन) पाठ 20 : विप्लव गायन (कविता वाचन) पाठ 3(iii): फूले कदंब (कविता से कार्ड बनाना) <b>भाषण प्रतियोगिता</b> (क्रियाकलाप) बालमहाभारत कथा <b>प्रस्तुतिकरण-भाषण प्रतियोगिता</b> <b>रचनात्मक लेखन-पत्र लेखन</b> (अनौपचारिक) <b>व्याकरण- 1. वर्ण</b> 2. वर्तनी-शोधन 3. शब्द-विचार 4. संज्ञा एवं उसके भेद 5. लिंग 6. पर्यायवाची शब्द <b>बोध -गद्यांश, पद्यांश</b>	<b>वसंत</b> पाठ 3: कठपुतली (कविता वाचन) पाठ 6 : रक्त और हमारा शरीर (निबन्ध) पाठ 5(ii) : मिठाईवाला (कहानी) पाठ 17 : वीर कुँवर सिंह (पठन-पाठन) पाठ 7 : पापा खो गए (नुक्कड़ नाटक) पाठ 18 (iii): हमारी खाहिश (कविता वाचन) तथा स्वतंत्रता दिवस पर प्रस्तुति <b>प्रस्तुतिकरण-नुक्कड़ नाटक</b> बालमहाभारत कथा <b>रचनात्मक लेखन-अनुच्छेद लेखन</b> <b>व्याकरण- 1. वचन</b> 2. संधि 3. सर्वनाम एवं उसके भेद 4. मुहावरे 5. अनेक शब्दों के लिए एक शब्द (Including Pd I syllabus)	<b>वसंत</b> पाठ 8: शाम एक किसान पाठ 3(i)- हिमालय की बेटियाँ पाठ 12- कंचा (कहानी) पाठ 18 : संघर्ष के कारण मैं तुनकमिजाज हो गया पाठ 16 : भोर और बरखा <b>पत्रिका निर्माण (क्रियाकलाप)</b> <b>प्रस्तुतिकरण-पत्रिका निर्माण</b> <b>रचनात्मक लेखन-पत्र लेखन</b> (औपचारिक) बालमहाभारत कथा <b>व्याकरण- 1. कारक</b> 2- विशेषण 3- क्रिया 4- विलोम शब्द <b>बोध- 1. गद्यांश</b> 2. पद्यांश	<b>वसंत</b> पाठ 8 : मिठाईवाला, वर्ण, वर्तनी शोधन, मुहावरे, अनेक शब्दों के लिए एक शब्द पाठ 11- रहीम के दोहे पाठ 14- खानपान की बदलती तस्वीर पाठ 15 : नीलकण्ठ पाठ 9 : चिड़िया की बच्ची पाठ 13 : एक तिनका (कविता वाचन) पाठ 5(ii) : फेरीवालों की आवाजें (पठन- पाठन) किसी भी प्रदेश के खानपान की चित्रात्मक अभिव्यक्ति (क्रियाकलाप) <b>प्रस्तुतिकरण-नुक्कड़ नाटक</b> बालमहाभारत कथा <b>रचनात्मक लेखन-अनुच्छेद लेखन</b> <b>व्याकरण- क्रिया, काल, अव्यय या अविकारी</b> शब्द (क्रियाविशेषण संबंधबोधक समुच्चय बोधक, विस्मयादि बोधक) <b>बोध- 1. गद्यांश, 2. पद्यांश</b> (Including Pd II syllabus)

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Sanskrit	<b>रुचिरा-</b> पाठ- 1: सुभाषितानि पाठ- 2: दुर्बुद्धिः विनश्यति पाठ- 3: स्वावलम्बनम् <b>व्याकरण-संख्यावाचक शब्दाः 1 से 20</b> <b>शब्दरूप- बालक, नदी</b> <b>धातुरूप- पठ्, गम्</b> <b>संधि- स्वर संधि, दीर्घ, उपसर्ग</b>	<b>रुचिरा-</b> पाठ- 1 से 7 तक। <b>संख्यावाचक शब्दाः-1 से 50 तक।</b> <b>शब्दरूप-बालक, नदी, मति, युष्मद्</b> <b>धातुरूप- पठ्, गम्, वस्, पच्</b> <b>संधि- दीर्घ, गुण</b> <b>उपसर्ग, प्रत्यय-क्त्वा</b> <b>अपठित अवबोधनम्, पत्र लेखनम्, संवाद लेखनम्, निबंध लेखनम्</b>	<b>रुचिरा-</b> पाठ- 8, 9, 10 <b>व्याकरण-संख्यावाचक शब्दाः 51 से 70 तक।</b> <b>शब्दरूप- अस्मद्, राजा</b> <b>धातुरूप- चर्, भू</b> <b>संधि- वृद्धि</b> <b>कारक</b> <b>प्रत्यय- अनीयर्</b>	<b>रुचिरा- पाठ- 8 से 15 तक।</b> पाठ- 3 व 5 <b>व्याकरण- संख्यावाचक शब्दाः 51 से 100 तक।</b> <b>शब्दरूप-राजा, अस्मद्, वारि, पिता</b> <b>धातुरूप- चर्, भू, पिब्, हस्</b> <b>संधि-स्वर संधि, कारक, उपसर्ग,</b> <b>प्रत्यय, अपठित अवबोधनम्</b> <b>पत्र लेखनम्, संवाद लेखनम्, निबंध लेखनम्</b>
Maths	Ch. 1 : Integers Ch. 2 : Fractions and Decimals Ch. 9 : Rational Numbers Ch. 5 : Lines and Angles	Ch. 13 : Exponents & Powers Ch. 6 : Triangle and its properties Ch. 7: Congruence of triangles Ch. 14 : Symmetry Ch. 1 : Integers Ch. 2 : Fractions and Decimals Ch. 9 : Rational Numbers Ch. 5 : Lines and Angles	Ch. 12 : Algebraic Expression Ch. 4 : Simple Equations Ch. 10 : Practical Geometry Ch. 15 : Visualising Solid shapes	Ch. 8 : Comparing Quantities Ch. 11 : Perimeter and Area Ch. 3 : Data Handling Ch. 12 : Algebraic Expression Ch. 4 : Simple Equations Ch. 10 : Practical Geometry Ch. 15 : Visualising Solid Shapes Ch. 1 : Rational Numbers Ch. 13 : Exponents and Powers
Science	Ch. 1 : Nutrition in Plants Ch. 2 : Nutrition in Animals Ch. 3 : Fibre to Fabric <b>Project work/Hands on Learning-</b> Ch. 13 : Motion & time. Ch. 16 : Water: A precious Resource	Ch. 1 : Nutrition in Plants Ch. 2 : Nutrition in Animals Ch. 3 : Fibre to Fabric Ch. 4 : Heat Ch. 5 : Acids, Bases & Salts Ch. 6 : Physical & Chemical changes <b>Project work/Hands on Learning-</b>	Ch. 10 : Respiration in Organisms Ch. 11 : Transportation in Animals & Plants. <b>Project work/Hands on Learning-</b> Ch. 17 : Forests our life line Ch. 18 : Waste Water Story	Ch. 2 : Nutrition in Animals Ch. 4 : Heat Ch. 5 : Acids, Bases, Salts. Ch. 10 : Respiration in organisms. Ch. 11 : Transportation in Animals & Plants. Ch. 14 : Electric current & its effects



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Subject	I Periodic Test (20)	Half Yearly Exam. (80)	II Periodic Test (20)	Annual Exam. (80)
		Ch. 7 : Weather, Climate & Adaptations of Animals to climate. Ch. 9 : Soil		Ch. 15 : Light <b>Project work/Hands on Learning-</b> Ch. 8 : Wind, Storms & Cyclone Ch. 12 : Reproduction in Plants.
S. St.	<b>History -</b> 1. Tracing Changes through a Thousand year. 2. New Kings & Kingdoms. <b>Civics -</b> 1. On Equality <b>Geography -</b> 2. Inside our Earth 3. Our changing Earth. <b>Hands on learning-</b> <b>Civics -</b> Ch 2. Role of Government in Health <b>Geography -</b> Ch 1: Environment	<b>History -</b> 1. Tracing Changes through a Thousand year. 2. New Kings & Kingdoms. 3. The Delhi Sultans. 4. The Mughal Empire. <b>Civics -</b> 1. On Equality 3. How the State Government works. <b>Geography -</b> 2. Inside our earth 3. Our changing earth 4. Air 5. Water 6. Natural Vegetation & Wild Life. <b>Hands on learning -</b> <b>Civics -</b> Ch 2. Debate based on Role of Government in Health <b>Geography -</b>	<b>History -</b> 6. Towns, Traders & Crafts persons. 7. Tribal, Nomads & Settled Communities. 8. Devotional Paths to the Divine. <b>Civics-</b> 6. Understanding Media. 7. Understanding Advertising. <b>Geography -</b> 8. Human Environment, Interactions - The Tropical & The Sub-Tropical Region. <b>Hands on learning -</b> <b>History -</b> Ch 5. Rules & Buildings <b>Civics -</b> Ch 4. Growing up as boys & girls.	<b>History -</b> 4. The Mughal Empire. 6. Towns, Traders & Crafts persons. 7. Tribal, Nomads & Settled Communities. 8. Devotional Paths to the Divine. 9. The making of Regional cultures. 10. Eighteen Century - Political Formations <b>Civics-</b> 3. How the State Government works. 6. Understanding Media. 7. Understanding Advertising. 8. Markets Around us. <b>Geography -</b> 4. Air 8. Human Environment, Interactions - The Tropical &

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Subject	I Periodic Test (20)	Half Yearly Exam. (80)	II Periodic Test (20)	Annual Exam. (80)
			world. <b>Geography -</b> 7. Human Environment, settlement, Transport and communication.	grasslands. 10. Life in the deserts. <b>Hands on learning -</b> <b>Civics-</b> 9. A shirt in the market. 10. Struggles for Equality Subject Enrichment Worksheet+Mapwork
Stem Lab	<b>Unit - 1 : Kit Introduction</b> 1. Kit Introduction 2. Basic Design Considerations in Robotics 3. Problem Solving Loop 4. Introduction to Programming 5. Modular Test Vehicle	<b>Including I Periodic Test</b> <b>Unit - 2 : Force and Mass</b> 1. Newton's Second Law 2. Applications of Newton's Second Law. 3. Frictional Force <b>Unit - 3 : Light Sensor</b> 1. Working principle of Light Sensor 2. Conditional Statements and Light Sensor 3. Line Follower Robot	<b>Unit - 4 : Mechanisms for Transmission of Motion</b> 1. Gears for Changing Direction of Motion 2. Mechanical Advantage of Gears 3. Gear Ratio & Speed <b>Unit - 5 : Mathematics through Programming</b> 1. Symmetry 2. Fractions 3. Congruency of triangles	<b>Including II Periodic Test</b> <b>Unit - 6 : Motion and Graphs</b> 1. Circumference 2. Generating Graphs from Data 3. Gathering Information from Graphs <b>Unit - 7 : Properties of Current</b> 1. Source of Electricity 2. Effect of Current 3. Joule's Law
Computer	<b>Half Yearly Exam.</b>		<b>Annual Exam.</b>	
	1. Number System 2. Working in Windows 7 3. Formula and Functions. 4. Using Excel as Database 5. Advance Features of Excel. 6. Working with Flash CS3		7. Working with Layers. 8 : Conditional Control Statements 9 : Looping Statements 10 : Graphics in QB64 11 : Internet Services 12. The Virus	



<b>Art Edu.</b>	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 papers) February – Advertisement of any product			
<b>G.K</b>	<b>I Periodic Test</b>	<b>Half Yearly Exam. (80)</b>	<b>II Periodic Test</b>	<b>Annual Exam. (80)</b>
	—	Unit I and II	—	Unit III and IV
<b>H. Edu.</b>	Kho - Kho Aerobic Exercises Cricket  Yoga Surya Namaskar	Volley Ball Football Badminton  Aerobic Exercises Tadaasana Trikona Asana Paschimotasan	Basket Ball Hand Ball  P. T. Exercise  Standing and Sitting	Athletics A. Races B. Jumps C. Throws  Surya Namaskar and Recaputational All Yogasans

### EXAMINATION VI TO VII

Term	Exam/Test	Tentative Date	Maximum Marks
I	I Periodic Test	4th Week of July	20
	Half Yearly	3rd Week of September	80
II	II Periodic Test	3rd Week of November	20
	Annual	1st Week of March	80

### SCHEDULE FOR PERIODIC TEST

Class: VII    Maximum Marks: 20    Duration: 1Hr.    Weightage: 50%

Subjects	I Periodic Test	II Periodic Test
Science	16/07/2018	26/11/2018
Hindi	23/07/2018	01/12/2018
S. St.	30/07/2018	03/12/2018
Sanskrit	10/08/2018	08/12/2018
Maths	13/08/2018	10/12/2018
English	20/08/2018	17/12/2018

Note: Date of course completion is one week before the Exam/Test hold in the subject.

### Grading Scale for Scholastic Areas (Classes VIII)

MARKS RANGE	GRADE
91-100	A1
81 - 90	A2
71 - 80	B1
61- 70	B2
51 - 60	C1
41 - 50	C2
33 - 40	D
32 & Below	E (Needs improvement)