



# MONTFORT SCHOOL

Affiliated to C.B.S.E, New Delhi

Mariamtoli, Canary Hill Road, Hazaribag - 825301(Jharkhand)

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Affiliation No: 3430404

School Code: 66605

## YEARLY SYLLABUS - 2026-2027

<p style="text-align: center;"><b>CLASS – VIII</b> <b>SUBJECT - ENGLISH</b></p>					
S. No.	Month	No. of Working Days	Name of the Chapter/ Topic needs to be covered	Teaching Aids-/E- content/ innovative practice to be adopted	Test / examination on to be conducted
1.	April	18	<b>Literature:</b> Ch-1: Questions <b>Grammar:</b> Ch-1: Determiners to Ch- 4: Tenses <b>Writing:</b> Ch-24: Essay	<b>Activity:</b> 1. Writing (Course Book; Page no 4), Essay writing on current topic 2. Speaking - Listening and correction of sentences <b>Aids:</b> 1. Audio - Visual Presentation on topics	
2.	May	18	<b>Literature :</b> Ch-3: The Magic Ring <b>Grammar:</b> Ch-5: Modals, Ch-6: Conditional <b>Writing:</b> Ch-27: Formal and Informal Letters	<b>Activity:</b> 1. Debate and Discussion (Course Book; Page no.31) 2. Error Correction 3. Letter writing in both the format (topics provided) <b>Aids:</b> 1. Audio - Visual Presentation on topics	<b>PT-I: 4th - 8th May Portion</b> Literature: Ch- 1,3 ; Grammar: Ch- 1 to 4 ; Writing: Ch- 24
3.	June	07	<b>Literature:</b> Ch- 4: In the Bazars of Hyderabad <b>Grammar:</b> Ch-8: Subject -Verb Agreement <b>Writing:</b> Ch-22: Notice	<b>Activity:</b> 1. Project (Course Book; Page no 38) 2. Writing notice (topic provided) <b>Aids:</b> 1. Audio - Visual Presentation on topics	
4.	July	26	<b>Literature:</b> Ch-5: The Crazy Costume Drama , Ch-7: The Wind <b>Grammar:</b> Ch-7: Non-Finite Verbs, Ch-9: Active -Passive Voice , Ch-10: Comparison <b>Writing:</b> Ch-27: E-mail, Ch-28: Poster & Slogans	<b>Activity:</b> 1. Audio - Visual Presentation on topics 1. Role Play (Course Book; Page no. 53) 2. Writing (Course Book; page no. 68) 3. Creating Poster (topic provided) <b>Aids:</b> 1. Audio - Visual Presentation on topics	
5.	August	22	<b>Literature:</b> Ch-6: He Made a Dream Come True <b>Grammar:</b> Ch-11: Adverbs and Degree of Comparison	<b>Activity:</b> 1. Speaking and Life Skills (Course Book; page no 65) 2. Write a Report on Salim Ali 3. Writing Report (topic provided) <b>Aids:</b> 1. Audio - Visual Presentation on topics	<b>PT-II: 17th - 24th August Portion</b> Literature: Ch- 4 to 7 (any two chapters) ;



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			<b>Writing:</b> Ch-25: Report, Ch-18: Punctuation		Grammar: Ch-5 to 10 ; Writing: Ch-22, 27, 28(any one)
6.	September	15	<b>Revision and Half Yearly Examination</b> <b>Exam: 26th -7th Oct</b> <b>Portion-</b> Complete Half Yearly Syllabus		
7.	October	18	<b>Literature:</b> Ch-8: They Called Her Fats <b>Grammar:</b> Ch-12: Preposition and Ch-13: Conjunction <b>Writing:</b> Ch- 24: Story	<b>Activity:</b> 1. Speaking (Course Book; Page no. 86) 2. Story Writing (narration based topic provided) 3. Linkers/Connector identification <b>Aids:</b> 1. Audio - Visual Presentation on topics	
8.	November	16	<b>Literature:</b> Ch-10: Choosing Their Names <b>Grammar:</b> Ch-14: Phrases and Clauses, Ch-15: Relative Clauses <b>Writing:</b> Ch-21: Message	<b>Activity:</b> 1. Name Acronym Activity (Course Book; Page no 107) 2. Identifying the Types <b>Aids:</b> 1. Audio - Visual Presentation on topics	
9.	December	19	<b>Literature:</b> Ch-13: The Mouse and the Snake <b>Grammar:</b> Ch-16: Synthesis of Sentences <b>Writing:</b> Ch- 23: Paragraph	<b>Activity:</b> 1. Life Experience - Stories of courage and will power (Course Book Page no 138) <b>Aids:</b> 1. Audio - Visual Presentation on topics	<b>PT-III: 7th - 14th Dec Portion</b> Literature: Ch- 8 & 10 ; Grammar: Ch- 12 to 15 ; Writing: Ch- 21 & 24
10.	January	21	<b>Literature:</b> Ch-15: The Marchant of Venice <b>Grammar:</b> Ch- 17: Direct and Indirect Speech <b>Writing:</b> Ch-18: Punctuation and overall Revision	<b>Activity:</b> 1. Role Play (Drama) 2. Speaking (Course Book; page no. 177) 3. Sentence Indentification and Conversation <b>Aids:</b> 1. Audio - Visual Presentation on topics	<b>PT-IV: 28th - 4th Feb Portion</b> Literature: Ch- 13 & 15 ; Grammar: Ch- 16 & 17 ; Writing: Ch- 23
11.	February and March	13	<b>Revision and Annual Examination</b> <b>Exam: 22th - 9th March</b> <b>Portion-</b> Complete Annual Syllabus+ 30 % of Half Yearly		



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## CLASS – VIII SUBJECT - HINDI

क्रम संख्या	महीना	कार्य दिवसों की संख्या	पाठ संख्या	पाठ का नाम	क्रियाकलाप	परीक्षाएं
1.	अप्रैल	18	सोन चिरैया: पाठ 1&2 व्याकरण: पाठ 1, 2 & 3 लेखन : पाठ 41	आदर्श बदला, वह तोड़ती पत्थर भाषा, वर्ण विचार संधि पत्र	विचार विमर्श भाषा बोली में अंतर स्पष्ट करना लेखन अभ्यास	
2.	मई	18	सोन चिरैया: पाठ 2 & 3 व्याकरण: पाठ 4 से 7 लेखन: पाठ 40	भोला राम का जीव, क्या निराश हुआ जाए शब्द विचार, अनेकार्थक, पर्यावाची, विलोम शब्द अनुच्छेद लेखन	सस्वर वाचन पर्यायवाची शब्द अभ्यास लेखन अभ्यास	आवधिक परीक्षा- I
3.	जून	07	सोन चिरैया: पाठ 5 व्याकरण: पाठ 8 से 10 लेखन : पाठ 34 & 39	सच्चा तीर्थ यात्री भिन्नार्थक शब्द, अनेकार्थक, एकार्थी संवाद लेखन, सार लेखन	नाटक मंचन पाठ सम्बंधित श्रुतिलेख लेखन अभ्यास	परियोजना कार्य
4.	जुलाई	26	सोन चिरैया: पाठ 6 & 7 व्याकरण: पाठ 11 से 14 लेखन: पाठ 37, 42	रानी लक्ष्मी बाई, श्री राम की बाल लीला उपसर्ग, प्रत्यय, समास, संज्ञा विज्ञापन लेखन, निबंध लेखन	सस्वर वाचन वाद - विवाद विज्ञापन लेखन क्रियाकलाप	श्रुतलेख
5.	अगस्त	22	सोन चिरैया: पाठ 8, 9 व्याकरण: पाठ 15 से 17 लेखन: पाठ 32	चांदी का जूता, सात सहेलियां लिंग वचन, कारक अपठित गद्यांश	नुक्कड़ नाटक मंचन अभ्यास	आवधिक परीक्षा- II



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6.	सितंबर	15	सोन चिरैया : पाठ 10 व्याकरण: पाठ 18 लेखन : पुनरावृत्ति	कुछ नए मनभाव खेल सर्वनाम अपठित पद (पुनरावृत्ति)	सस्वर वाचन सर्वनाम शब्दों पर आधारित क्रिया अभ्यास	अर्ध वार्षिक परीक्षा
7.	अक्टूबर	18	सोन चिरैया: पाठ 11 & 12 व्याकरण: पाठ 19 से 21 लेखन: पाठ 38	सर जगदीश चंद बोस, वीर अब्दुल हमीद विशेषण, क्रिया, काल प्रतिवेदन लेखन	निबंध लेखन पत्र लेखन लेखन अभ्यास	परियोजना कार्य
8.	नवंबर	16	सोन चिरैया: पाठ 13 व्याकरण: पाठ 22 से 24 लेखन: पाठ 36 & 40	गिरीधर की कुण्डलियां वाच्य, आव्यय, पद परिचय अनुच्छेद लेखन, सूचना	छात्रों द्वारा कथा वाचन काल, वाच्य पाठ अभ्यास लेखन अभ्यास	लेखन कार्य
9.	दिसंबर	19	सोन चिरैया: पाठ 14 व्याकरण: पाठ 25 से 27 लेखन: पाठ 41	अजन्ता की चित्रकला पद बंद, वाक्य विचार, वर्तनी शुद्धि, पत्र लेखन	कहानी लेखन वाक्य शुद्धि (अभ्यास) लेखन अभ्यास	आवधिक परीक्षा- III
10.	जनवरी	21	सोन चिरैया: पाठ 15 व्याकरण: पाठ 28 से 30 लेखन: पाठ 34	डॉ पुरान चंद विराम चिन्ह, मुहावरे, लोकोक्तियां, अलंकार संवाद	विचार - विमर्श मुहावरें एवं लोकोक्ति पर विचार विमर्श संवाद (वाद - विवाद )	आवधिक परीक्षा- IV
11.	फरवरी	13	सोन चिरैया: पाठ 9 से 15 (पुनरावृत्ति) व्याकरण: पाठ 18 से 30 लेखन: पाठ 34, 38, 40 & 41	पुनरावृत्ति	पुनरावृत्ति	वार्षिक परीक्षा



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<b>CLASS – VIII</b>			
<b>SUBJECT - MATHEMATICS</b>			
<u>MONTHS</u>	<u>UNIT /CHAPTER</u> <u>No.</u>	<u>TOPIC TO BE COVERED / STUDENTS SHOULD BE</u> <u>ACQUAINTED WITH THE FOLLOWING CORE</u> <u>CONCEPT</u>	<u>No of</u> <u>Days</u>
APRIL	PART 1 Chapter 1 Square and square roots  Chapter 2 Cube and cube roots	Introduction to Squares, How to Find Squares. Introduction to Square roots, Different methods of finding square roots  Introduction to Cubes, Different methods of finding Cubes. Introduction to Cube roots, Different methods of finding Cube roots	22
MAY	PART 1 Chapter 3 Exponents  Chapter 4 The story of Numbers	Introduction to Exponents, Expanded Form and Standard form of Numbers. Linear growth and Exponential Growth  <b>FIRST PERIODIC TEST (CH-1 &amp; 2)</b>  Different number system (Decimal Number system, Roman Number System, Arabic Number system, Messopotamian Number system, Chinese Number system etc.)	18
JUNE	PART 1 Chapter 5 Quadrilaterals	Introduction of Quadrilaterals Types of Quadrilaterals Properties of Quadrilaterals	07
JULY	PART 1 Chapter 5 Quadrilaterals (Cont.)  Chapter 6 Number Play	Properties of Parallelogram, Rhombus, Square, Kite, Rectangle.  General Form of two digit and three-digit number. Various test of divisibility.	26
AUGUST	PART 1 Chapter 7 Operation on Algebraic Expressions  Chapter 8 Proportional Reasoning (Ratio & Proportion)	<b>SECOND PERIODIC TEST (CH-3, 4 &amp; 5)</b> Introduction of Algebraic Expression. Basic concept of Terms, Variables and Constant. Different Operation on Algebraic Expressions Algebraic Identities.  Properties of Ratio's Introduction to Direct Proportion and Inverse Proportion	22
SEPTEMBER	PART 2 Chapter 1. And Revision For Half-yearly Examination	<b>HALF-YEARLY EXAMINATION (CHAPTER - 1 To 8)</b>	24



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OCTOBER	PART 2 Chapter 2, 3 & 4		18
NOVEMBER	PART 2 Chapter 5 & 6		16
DECEMBER	Part 2 Chapter 7	THIRD PERIODIC TEST (CH-1, 2 & 3)	19
JANUARY 2027	Revision	FORTH PERIODIC TEST (CH- 4 & 5)	21
FEBRUARY 2027	Revision	Revision of Final Examination (30 % from first term and all chapters from part 2)	23



Exam	Examination Portion
PT I	CH-1 & 2
PT II	CH-3, 4 & 5
HALF YEARLY	CH - 1 To 8
PT IV	PART 2
PT V	PART 2
ANNUAL EXAMINATION	30% FROM FIRST TERM AND ALL THE CHAPTERS FROM THE PART 2



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## CLASS – VIII SUBJECT - SANSKRIT

क्रम संख्या	महीना	कार्य दिवसों की संख्या	पाठ संख्या	पाठ का नाम	परीक्षाएं
1.	अप्रैल	18	पाठ - 1&2	प्रार्थना, जन्तुशाला	
2.	मई	18	पाठ - 3&4 व्याकरण - धातुरूप	सुभाषतानि, दुर्बुद्धिः विनश्यति लृट् लकार - भू	प्रथम आवधिक परीक्षा
3.	जून	07	पाठ - 5 व्याकरण - शब्दरूप	त्रयः प्रश्नाः बालक, लता	
4.	जुलाई	26	पाठ - 6&7 व्याकरण - सर्वनाम	देशरत्न डॉ. राजेन्द्र प्रसाद, गीतामृतम् तद् पुल्लिङ्ग शब्द	
5.	अगस्त	22	पाठ - 8&9	व्यायामः, वीराङ्गना लक्ष्मीबाई	द्वितीय आवधिक परीक्षा
6.	सितंबर	15	पाठ - 1से 8, पाठ - 10 व्याकरण - शब्दरूप, धातुरूप	पुनरावृत्ति, महाराणा प्रताप पुनरावृत्ति	अर्धवार्षिक परीक्षा
7.	अक्टूबर	18	पाठ - 11&12 व्याकरण - सर्वनाम	भोजनम् शरीर-रक्षकम्, त्रयोः धूर्ताः अस्मद्, युष्मद्	
8.	नवंबर	16	पाठ - 13 & 14 व्याकरण - शब्दरूप	विद्या राजसु पूजिता, श्लोकस्तबकम् मुनिः, रमा	
9.	दिसंबर	19	पाठ - 15&16 व्याकरण - धातुरूप	भगवान् बुद्ध, सर्वोत्तमः वरः लृट् लकार - लिख धातु, लोट लकार - वद धातु	तृतीय आवधिक परीक्षा
10.	जनवरी	21	व्याकरण - सर्वनाम	अस्मद्, युष्मद् (पुनरावृत्ति)	चतुर्थ आवधिक परीक्षा
11.	फरवरी	13	पाठ - 10 से 16 व्याकरण - सर्वनाम, शब्द रूप, धातु रूप	पुनरावृत्ति पुनरावृत्ति	वार्षिक परीक्षा



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## CLASS – VIII SUBJECT – SOCIAL SCIENCE

S. No.	Month	No. of Working Days	Name of the Chapter/ Topic needs to be covered	Teaching Aids/E-Content/innovative Practices to be adapted	Test / examination on to be conducted
1.	April	22	Chapter 1: Natural Resources and their use.	<ul style="list-style-type: none"> <li>• Experiential learning through real-life examples (local resource use)</li> <li>• Inquiry-based questioning (Why conserve resources?)</li> <li>• Think–pair–share &amp; peer discussion</li> <li>• Concept building using visuals/PPT</li> </ul>	
2.	May	18	Chapter 4: The Colonial Era in India	<ul style="list-style-type: none"> <li>• Storytelling method to explain British expansion</li> <li>• Cause–effect analysis (impact on industries/villages)</li> <li>• Source-based learning (pictures/documents)</li> <li>• Group discussion &amp; peer teaching</li> <li>• Timeline creation activity</li> <li>• Reflective questioning for deeper understanding</li> </ul>	Periodic Test I :  Chapter 1: Natural Resources and their use.
3.	June	07	Chapter 5 : Universal Franchise and India's Electoral System	<ul style="list-style-type: none"> <li>• Activity-based learning (mock election/role play)</li> <li>• Learning by doing (ballot/EVM demonstration)</li> <li>• Case-based discussion (importance of voting)</li> <li>• Collaborative learning in groups</li> <li>• Critical thinking through situational questions</li> <li>• Continuous assessment through oral questioning</li> </ul>	
4.	July	26	Chapter 6: The Parliamentary System: Legislature and Executive	<ul style="list-style-type: none"> <li>• Role play (Parliament session simulation)</li> <li>• Process-oriented teaching (step-by-step lawmaking)</li> <li>• Discussion &amp; debate method</li> <li>• Cooperative learning strategies</li> <li>• Use of flowcharts for concept clarity</li> </ul>	



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5.	August	22	Chapter 7: Factors of Production	<ul style="list-style-type: none"><li>• Activity-based group work (identifying factors in real life)• Case study method</li><li>• Learning through examples from daily life• Problem-solving approach• Guided discussion &amp; questioning•</li></ul>	Periodic Test II : Chapter 4: The Colonial Era in India Chapter 5 : Universal Franchise and India's Electoral System
6.	September	24	Revision and Half Yearly Examination		Half Yearly Exam Ch1,Ch 4,Ch 5,Ch 6,Ch 7
7.	October	18			
8.	November	16			
9.	December	19			Periodic Test III
10.	January	21			Periodic Test IV
11.	February	23	Revision and Annual Examination		Annual Examination
12.	March	8	Annual Examination		



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## CLASS – VIII SUBJECT - SCIENCE

S.No.	Month	Working days	Unit /Chapter no.	Topic to be covered / students should be acquainted with the following core concept	Test/examination to be conducted
<b>UNIT - 1 : FOOD</b>					
1.	April	22	Chapter-1  Chapter- 2	<b>Crop Production and Management</b> <ul style="list-style-type: none"> <li>• Crop plants , types of crops on different basis</li> <li>• Methods of crop production</li> <li>• Biogeochemical Cycle – Nitrogen cycle</li> <li>• Foods from animals</li> <li>• Animal Husbandry – Pisciculture, Apiculture...etc.</li> </ul> <b>Microorganisms: Friends and Foe</b> <ul style="list-style-type: none"> <li>• Definition and Habitat of Microorganisms</li> <li>• Classification of Microorganisms: Bacteria, Algae, Fungi, Protozoa, Viruses</li> <li>• How Microorganisms are useful for us- Ex. of Useful Microorganisms</li> <li>• How Microorganisms are harmful for us- Ex. of Harmful Microorganisms</li> <li>• Preventions of diseases caused by microorganisms</li> <li>• Food Spoilage by Microorganisms</li> <li>• Food preservation techniques</li> </ul>	
<b>UNIT - 2 : MATERIALS</b>					
2.	May	18	Chapter- 4	<b>Metals and Non- Metals</b> <ul style="list-style-type: none"> <li>• Occurrence of metals and non- metals</li> <li>• Physical properties of metals and non- metals (Physical state, lustre, hardness, Malleability, Ductility)</li> <li>• Chemical properties of metals and non- metals (Reaction with Oxygen, Water, Acids, Bases)</li> <li>• Displacement reaction</li> <li>• Noble metals</li> <li>• Uses of some common metals and non- metals</li> <li>• Corrosion of metals and its prevention methods</li> </ul>	<b>PT-I</b> <b>(04<sup>th</sup> to 9<sup>th</sup> May)</b>  <b>PORTION:</b> <b>Ch-1 and Ch-2</b>
3.	June	07	Chapter- 5	<b>Coal and Petroleum</b> <ul style="list-style-type: none"> <li>• Natural Resources: Living natural resource and non-living natural resources.</li> <li>• Classification of Natural Resources – Renewable and Non- renewable natural resources.</li> <li>• Ways of conservation of natural resources</li> <li>• Fossil Fuels and its classification: Solid fossil fuels, liquid fossil fuels and gaseous fossil fuels.</li> <li>• Coal: Formation, types, uses and destructive distillation products of coal.</li> </ul>	



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				<ul style="list-style-type: none"> <li>Petroleum: Fractional distillation, constituents of Petroleum and their uses.</li> <li>Natural Gas: Characteristics and uses.</li> </ul>	
4.	July	26	Chapter- 6	<b>Combustion and Flame</b> <ul style="list-style-type: none"> <li>Definition of Combustion</li> <li>Combustible and Non- combustible substances with examples</li> <li>Necessary conditions for combustion.</li> <li>Types of combustion: Slow and Rapid combustion, Spontaneous combustion and Explosion</li> <li>Candle flame and its main zones</li> <li>Characteristics of a good fuels.</li> <li>Calorific value or fuel efficiency</li> <li>Harmful effects of burning fuels on the environment</li> </ul>	
			<b>UNIT - 3 : THE WORLD OF THE LIVING</b>		
			Chapter- 7	<b>Conservation of plants and Animals</b> <ul style="list-style-type: none"> <li>Biodiversity and its importance</li> <li>Threats to Biodiversity</li> <li>Forest conservation</li> <li>Endangered, Extinct and Endemic species</li> <li>Building of protected areas</li> </ul>	
			Chapter- 9	<ul style="list-style-type: none"> <li>Red Data Book</li> </ul> <b>Reproduction in Animals</b> <ul style="list-style-type: none"> <li>Definition and Modes of Reproduction: Asexual and Sexual mode of reproduction.</li> <li>Types of Asexual reproduction- Binary Fission, Budding...etc.</li> <li>Sexual reproduction in detail: Male reproductive system and Female reproductive system.</li> <li>Fertilisation and its types: Internal and External fertilisation</li> <li>Viviparous and Oviparous animals</li> <li>Metamorphosis in frog and Silk moth</li> </ul>	
5.	August	22	Chapter- 10	<b>Reaching the age of Adolescence</b> <ul style="list-style-type: none"> <li>Concept of Adolescence and Puberty</li> <li>Changes during puberty in boys and girls</li> <li>Secondary sexual characteristics in male and female</li> <li>The Endocrine System: Roles of different hormones</li> <li>Reproductive phase of life</li> <li>Determination of Sex of the baby</li> <li>Reproductive Health</li> </ul>	<b>PT-II</b> (17 <sup>th</sup> to 24 <sup>th</sup> Aug)  <b>PORTION:</b> <b>Ch-4 and Ch-5</b>
6.	September	24	-----	<b>REVISION FOR HALF YEARLY EXAMINATION</b> (26 <sup>TH</sup> SEPT. TO 7 <sup>TH</sup> OCT.)	<b>PORTION:</b> <b>Ch. No.-</b> <b>1,2,4,5,6,7,9,and</b> <b>10</b>
			<b>UNIT - 4 : MOVING THINGS, PEOPLE AND IDEAS</b>		



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7.	October	18	<p>Chapter- 11</p> <p><b>Force and Pressure</b></p> <ul style="list-style-type: none"> <li>• Definition of Force and its effects</li> <li>• Balanced and Unbalanced Force</li> <li>• Types of Force: Contact Force and Non- Contact Force</li> <li>• Pressure</li> </ul> <p>Chapter- 12</p> <ul style="list-style-type: none"> <li>• Pressure exerted by liquids</li> <li>• Atmospheric Pressure</li> </ul> <p><b>Friction</b></p> <ul style="list-style-type: none"> <li>• Definition of Force and its effects</li> <li>• Balanced and Unbalanced Force</li> <li>• Types of Force: Contact Force and Non- Contact Force</li> <li>• Pressure</li> <li>• Pressure exerted by liquids</li> <li>• Atmospheric Pressure</li> </ul>	
8.	November	16	<p>Chapter- 13</p> <p><b>Sound</b></p> <ul style="list-style-type: none"> <li>• Propagation of Sound</li> <li>• Production of Sound in human</li> <li>• Speed of Sound in different medium</li> <li>• Characteristics of sound</li> <li>• Musical Sound and Noise</li> <li>• Noise Pollution</li> </ul>	
<b>UNIT: 5 : NATURAL PHENOMENA</b>				
9.	December	19	<p>Chapter- 14</p> <p><b>Some Natural Phenomena</b></p> <ul style="list-style-type: none"> <li>• Concept of Electrostatic Charge, charged body and Uncharged body.</li> <li>• Types of Charges: Positive Charge and Negative Charge</li> <li>• Lightning: Its major cause, effects and safety measures that should be taken during Lightning.</li> <li>• Lightning conductor.</li> <li>• Earthquake: Its major causes, effects and safety measures that should be taken during Earthquake.</li> <li>• Layers of Earth: Crust , Mantle and Core</li> <li>• Some common terms related to Earthquake: Seismic Focus, Seismic waves, Epicentre...etc.</li> <li>• Magnitude and Intensity of the Earthquake</li> <li>• Richter scale and Modern Mercalli Scale.</li> </ul>	<p><b>PT-III</b> (7<sup>th</sup> to 14<sup>th</sup> Dec)</p> <p><b>PORTION:</b> <b>Ch-11 and Ch-12</b></p>
<b>UNIT: 6 : MOVING THINGS, PEOPLE AND IDEAS</b>				
10.	January	21	<p>Chapter- 16</p> <p><b>Chemicals Effects of Electric Current</b></p> <ul style="list-style-type: none"> <li>• Ions and its types: Cations and Anions</li> <li>• Electrolytes and Non- Electrolytes with examples.</li> <li>• Process of Electrolysis</li> <li>• Some common terms: Electrodes, Voltmeter, Ammeter, Voltmeter, Battery...etc.</li> </ul>	<p><b>PT-IV</b> (28<sup>th</sup> Jan to 4<sup>th</sup> Feb)</p>



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			Chapter- 17	<ul style="list-style-type: none"> <li>Sensitive detectors of electric current: LED and Magnetic compass.</li> <li>Electrolysis of Acidulated water and Applications of Electrolysis.</li> <li>Electroplating: Objectives and steps of Electroplating of Copper over Iron spoon.</li> </ul> <p><b>Reflection of Light</b></p> <ul style="list-style-type: none"> <li>Concept of Reflection and Laws of Reflection of Light</li> <li>Types of Reflection: Regular and Irregular/ Diffused Reflection.</li> <li>Types of Mirrors and formation of Image by Plane mirror</li> <li>Characteristics of image formed by the Plane mirror</li> <li>Refraction of light: Atmospheric refraction</li> <li>Dispersion of White light using glass prism.</li> </ul>	<b>PORTION:</b> Ch-13 and Ch-14
11.	February	23	-----	<b>REVISION FOR ANNUAL EXAMINATION (22<sup>nd</sup> FEB. TO 9<sup>TH</sup> MARCH)</b>	<b>ANNUAL EXAMINATION (22<sup>th</sup> Feb to 9<sup>th</sup> March)</b>  <b>PORTION :-</b> Ch. No.- 9,10, 11, 12, 13, 14, 16, 17

S.NO.	EXAMINATIONS	DATE AND MONTH	PORTION	FULL MARKS
1	PERIODIC TEST – 1	4 <sup>th</sup> MAY TO 9 <sup>th</sup> MAY	CH- 1 AND CH- 2	20
2	PERIODIC TEST – 2	17 <sup>th</sup> AUGUST TO 24 <sup>th</sup> AUGUST	CH- 4 AND CH- 5	20
3	HALF YEARLY EXAMINATION	26 <sup>th</sup> SEPTEMBER TO 7 <sup>th</sup> OCTOBER	CH- 1, 2, 4, 5, 6, 7, 9, 10	80
4	PERIODIC TEST - 3	7 <sup>th</sup> DECEMBER TO 14 <sup>th</sup> DECEMBER	CH- 11 AND CH- 12	20
5	PERIODIC TEST – 4	28 <sup>th</sup> JANUARY TO 4 <sup>th</sup> FEBRUARY	CH- 13 AND CH- 14	20
6	ANNUAL EXAMINATION	22 <sup>nd</sup> FEBRUARY TO 9 <sup>th</sup> MARCH	CH- 9, 10, 11, 12, 13, 14, 16, 17	80



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## CLASS – VIII SUBJECT - COMPUTER

Sl. No	Month	No of working days	Title of the chapter	Topics to be covered	Test to be conducted
1	April	22	Ch-1 Customizing Google Sites	<ul style="list-style-type: none"><li>• Google sites</li><li>• Changing the image</li><li>• Inserting external data</li><li>• Enhancing a website</li><li>• Linking to an External web page</li><li>• Republishing the site</li></ul>	Practical test
2	May	19	Ch-2 AI Project cycle	<ul style="list-style-type: none"><li>• Introduction to Project &amp; project cycle</li><li>• AI project cycle</li><li>• Data Acquisition</li><li>• Stages of AI project cycle</li><li>• Data Exploration</li><li>• Deployment</li><li>• Problem Scoping</li><li>• Modelling</li></ul>	Practical test
3	June	07	Ch-3 AI Ethics	<ul style="list-style-type: none"><li>• Ethics</li><li>• AI Ethics</li><li>• Importance of AI Ethics</li></ul>	Practical test MCQ
4	July	25	Ch-4 AI concept at a glance	<ul style="list-style-type: none"><li>• Human Intelligence vs AI</li><li>• Automation vs AI</li><li>• Applications of AI</li><li>• Domains of AI</li><li>• AI &amp; society</li><li>• Different tools</li><li>• AI project cycle</li><li>• AI Ethics</li></ul>	Practical test MCQ
5	August	23	Ch-5 Introduction to python	<ul style="list-style-type: none"><li>• Python</li><li>• Components of IDLE</li><li>• Variables in python</li></ul>	Practical test MCQ



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				<ul style="list-style-type: none"> <li>• Print() function</li> <li>• Installing python</li> <li>• Working in Interactive mode &amp; script mode</li> <li>• Input() function</li> <li>• Data types</li> </ul>	
6	September	23	Ch-6 Iterative statements in python	<ul style="list-style-type: none"> <li>• Operators</li> <li>• Types of control structures</li> <li>• Conditional statements</li> <li>• Concept of loops</li> <li>• Iterative statements</li> <li>• For loop</li> <li>• While loop</li> <li>• Infinite loop</li> <li>• Using else in loops</li> </ul>	Practical test Viva
7	October	23	Ch-7 Media & Misinformation	<ul style="list-style-type: none"> <li>• Digital citizenship</li> <li>• Digital footprints</li> <li>• Digital friendship</li> <li>• Relationships &amp; boundaries</li> <li>• FOMO</li> <li>• Fake media</li> <li>• Impact of fake media</li> </ul>	Practical test viva
8	November	18	Ch-8 Arduino Adventures	<ul style="list-style-type: none"> <li>• Arduino</li> <li>• Arduino hardware</li> <li>• Tinkercad Circuit Design</li> </ul>	Practical test Viva
9	December	17	Ch-9 Soil Moisture Indicators	<ul style="list-style-type: none"> <li>• Design Thinking</li> <li>• Soil moisture indicator system</li> <li>• Soil moisture sensor</li> <li>• Building the soil moisture indicator</li> </ul>	Practical test viva
10	January	24	Revision	Revision	Revision test
11	February	23	Revision	Revision	Revision test





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EXAM PORTIONS (COMPUTER)		
Periodic Test/Examination	Chapter Number	Chapter Name
Periodic Test 1	1 & 2	Customizing Google Sites & AI Project cycle
Periodic Test 2	3 & 4	AI Ethics & AI concept at a glance
Half-Yearly	1,2,3 & 4	All the chapters mentioned above
Periodic Test 3	5 & 6	Introduction to python & Iterative statements in python
Periodic Test 4	7,8 & 9	Media & Misinformation, Arduino Adventures & Soil Moisture Indicator
Annual Exam	Ch 1 to 9	All Chapters