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R.M Public School

(CBSE AFFILIATION NO. 730072)

Session 2026-27

SYLLABUS

CLASS – 10TH

SUBJECT: ENGLISH

ASSESSMENT	MONTH	DAYS	CONTENT	ACTIVITY
PA-1	March 13	03 04 03 03	**Prose** • Ch: A Letter to God • Ch: Nelson Mandela – Long walk to freedom. **Poems** 1. Dust of Snow 2. The Ball Poem	• Enactment of a scene Topic: What would you do? • Situation will be given to students related to chapter "A letter to God" and students will enact the situation by role play.
	April 23	03 03 02 02 03 03 03	**Prose** • Ch: Two stories about flying • Ch: From the Diary of Anne Frank **Poems** 1. A Tiger in the Zoo 2. Fire and Ice **Prose** • Ch: A Triumph of Surgery • Ch: The Thief's story • Ch: The midnight Visitor	• Which destructive force is more powerful-fire or Ice? • Students will engage in a structured debate on the topic • Frame a Crafty wall of Literary devices on A4 where each

		03 01	**Grammar** Tenses Letter Writing	brick represents a different literary Device.
	May 10	01 03 03 03	**Prose** **Letter writing** • Ch: Glimpses of India **Grammar** Modals Revision of PA 1	• "I Am" Statements: Students can write "I am" statements from the perspective of Hari Singh or Anil, exploring their thoughts, feelings, and motivations and will then present in the class.
TERM-1	May 07	02 05	**Poem** 1. How to tell wild Animals **Prose** Ch: Foot Prints without feet	• Students write a personal narrative essay in which they describe on familiar place as if seeing it for the first time in the way valli does
	July 06	03 03	**Poems** 1. Amanda 2. The Trees	• <u>Essay writing activity</u> Analysing Poetic devices, Theme & Message of : 'The Trees' on the project file.

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	August 22	04 03 07 04 04	• Ch: A Question of Trust **Grammar** 1. Determiner **Play-** The Proposal **Grammar** 1. Subject Verb Agreement. 2. Analytical Paragraph	• **Role Play dramatization**
	September 10	10	Revision of PA-1 and Term-1	• Alternative Ending: Make the students write & explain an alternative ending to the Story 'The Necklace' on the project file.
	September 01	01	Discussion of Term-1 paper	
PRE BOARD 1	October 22	 03 03 05 02 02 02 03 02	**Prose** 1. Madam rides the bus 2. The Making of Scientist 3. The Necklace **Poems** 1. For Anne Gregory 2. The Tales of Custard -The Dragon 3. Fog **Prose** Ch: Bholi Reported Speech	• Character Diary Entries or Monologues
	November 19	19	Revision of Pre- Board 1	

			• The Book that Saved the Earth Consolidation and reflection of 80% syllabus	• Visual Book Trailer or movie Poster with reflections
PRE BOARD 2	December		Consolidation and reflection of complete syllabus	
PRE BOARD 3	January		Consolidation and reflection of complete syllabus	

SUBJECT: HINDI

परीक्षा	महीना	दिन	विषय सूची	गतिविधियाँ
प्रथम इकाई परीक्षा	मार्च 13 स्पर्श भाग -2(पद्य खंड)	04 04 05	पाठ 1: कबीर - साखी पाठ 2: मीरा - पद पाठ 4: मनुष्यता	• कबीर का चित्र बना कर कबीर जी की साखियों की भाषा की विशेषताओं पर अनुच्छेद लिखिए। • पाठ में आए परोपकारी महापुरुषों के चित्र पेस्ट करके संक्षेप में उनका वर्णन करें।
	अप्रैल 23 **स्पर्श भाग-** 2(गद्य **खंड)**	04 03	पाठ 1: बड़े भाई साहब	• **वाद-विवाद** • किताबी ज्ञान बनाम अनुभव ज्ञान • **गतिविधि:** कक्षा को दो समूहों में विभाजित करें • **पक्ष ए:** किताबी ज्ञान और • डिग्रियाँ ही सफलता की कुँजी हैं।

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स्पर्श भाग -2(पद्य खंड) **स्पर्श भाग-** 2(गद्य **खंड)** संचयन भाग-2	01 03 05 01 03 02 01	पाठ 5: पर्वत प्रदेश में पावस अपठित गद्यांश पाठ 2: डायरी का एक पन्ना पाठ 1: हरिहर काका पठित गद्यांश सूचना लेखन विज्ञापन लेखन पठित पद्यांश	• **पक्ष बी:** जीवन के अनुभव और व्यावहारिक बुद्धि अधिक महत्त्वपूर्ण है। • पाठ "डायरी का एक पन्ना" के पात्रों, तिथियों, घटनाओं की संक्षेप में सूची तैयार कीजिए। • हरिहर काका के चरित्र पर एक चित्रकला बनाएँ
मई 10	03 02 05	समास पत्र लेखन पुनरावृत्ति (प्रथम इकाई परीक्षा)	• समास का एंकर चार्ट • **गतिविधि:** बड़े कागज या चार्ट पेपर पर समास के छह भेदों के नाम लिखें। • **कार्य:** छात्रों को स्टिकी नोट्स दें जिन पर उदाहरण लिखें हो। उन्हें सही समास के भेद के नीचे अपना स्टिकी नोट्स चिपकाना होगा।

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प्रथम सत्र परीक्षा	मई 7 स्पर्श भाग- 2(गद्य खंड)	04 03	पदबंध पाठ 3: तताँरा वामीरो कथा	• पदबंध याद रखने हेतु अपनी कॉपी पर फ्लो चार्ट बनाएँ।
	जुलाई 14 स्पर्श भाग -2(पद्य खंड) स्पर्श भाग- 2(गद्य खंड)	03 03 03 05	पाठ 8: कर चले हम फिदा पाठ 4: तीसरी कसम के शिल्पकार शैलेन्द्र पाठ 6:अब कहाँ दूसरों के दुख से दुखी होने वाले रचना के आधार पर वाक्य परिवर्तन	• छात्रों में देशभक्ति की भावना का विकास करवाने हेतु अभिनय खेल की प्रस्तुति करवाना। • पाठ में प्रयोग मुहावरे तथा पदबंधों की सूची तैयार कीजिए। • "जो जितना बड़ा होता है उसे उतना ही कम गुस्सा आता है "अब कहाँ दूसरों के दुख से दुखी होने वाले" पाठ के आधार पर इस पंक्ति का आशय स्पष्ट कीजिए |
	अगस्त 22 स्पर्श भाग -2(पद्य खंड) संचयन भाग-2	02 02 0 2 02 03	पाठ 9:आत्मत्राण पाठ 7:तोप ई-मेल मुहावरे	• कविता को ध्यान में रखते हुए अंग्रेजों के शासन काल तथा वर्तमान काल के संबंध में उनका वर्णन कीजिए।

स्पर्श भाग -2(पद्य खंड)	02 03	पाठ 7:पतझर में टूटी पत्तियाँ अनुच्छेद लेखन पाठ 8: कारतूस	• भारतीय जीवन शैली पर आधारित कोई लेख लिखिए। • पाठ कारतूस को ध्यानपूर्वक पढ़कर घटनाक्रम की सूची फ्लो चार्ट पर तैयार कीजिए।
स्पर्श भाग-2(गद्य खंड)	02 03 01	लघुकथा पुनरावृत्ति (प्रथम सत्र परीक्षा) पाठ 2: टोपी शुक्ला	• "क्या सच्ची दोस्ती धर्म और जाति से ऊपर होती है।"पर एक अनुच्छेद लिखिए
सितम्बर (1)	07	पाठ 2: टोपी शुक्ला	
अक्टूबर 22	07 09	पाठ 3: सपनों के से दिन पुनरावृत्ति प्री बोर्ड 1	• बच्चों को अनुशासित रखने के लिए शारीरिक दंड अनिवार्य है या नही इस प्रस्ताव पर छात्रों से चर्चा आयोजित कीजिए।

प्री बोर्ड 1

	नवम्बर	19	पुनरावृत्ति प्री बोर्ड 1	
प्री बोर्ड 2	दिसम्बर		पुनरावृत्ति प्री बोर्ड 2	
प्री बोर्ड 3	जनबरी		पुनरावृत्ति प्री बोर्ड 2	

SUBJECT:-MATHEMATICS

ASSESSMENT	MONTH	DAYS	CONTENT	ACTIVITY
PA-1	March 13	06 07	• Ch1: Real Number • Ch2: Polynomials	• **The Business Boom:** Modeling profit using polynomials

	April 23	08 09 06	• Ch3: Pair of linear equations in two variables • Ch4: Quadratic equation • Ch5: Arithmetic progression	• Graphical interpretation of real life linear interaction. • **The perfect shot:** Exploring Quadratics through projectile motion • **Strategic Growth Challenge:** Designing the most Efficient progression model
	May 10	02 05 03	• Ch5: Arithmetic progression • Ch6: Triangles (for Term-1) Revision of PA 1	• **The Rescue Mission:** Applying triangle similarity in real life mapping.
TERM-1	May 7	07	• Ch6: Triangles	
	July 14	07 07	• Ch7: Co-ordinate Geometry • Ch8: Introduction to • Trigonometry	• **The Mathematical Garden:** Designing flowers through coordinate geometry.

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	August 22	11 11	• Ch8: Introduction to Trigonometry • Ch9: Some applications of Trigonometry	• **Mission Angle:** Becoming a real life height detective.
	September 10	05 05	• Ch10: Circles Revision of Term 1	• **Pie it up:** Designing circular pizza and garden plot.
	October 22	05 07 06 04	• Ch11: Areas related to Circles • Ch12: Surface area and volume • Ch13: Statistics • Ch14: Probability	• Theme park designer • Build the most efficient water tank • School data scientist challenge • Casino mathematics
	November 19	19	• Consolidation and reflection of 80% syllabus	
PRE BOARD 2	December		• Consolidation and reflection of complete syllabus	
PRE BOARD 3	January		• Consolidation and reflection of complete syllabus	

SUBJECT: PHYSICS

ASSESSMENT	MONTH	DAYS	CONTENT	ACTIVITY
PA-1	March 13	13	12. Ch 1: Light – Reflection and Refraction • Light , reflection of light, spherical mirror and its types.	• **The mirror investigation:** What tells you where the image will be and how big.
	April 23	23	• Ch 1: Light – Reflection and Refraction • Image formed by concave and convex mirror, representation of image formed by spherical mirror using ray diagrams. • Mirror formula and magnification.	• Two refractions through a glass slab. a) Converging action of convex lens. b) Diverging action of a concave lens.
	May 10	03	• Refraction of light, refraction through glass slab, refractive index, refraction by spherical lens.	
		07	• Image formation in lenses using ray diagram. • Lens formula and power of lens. Revision with Numericals for PA 1 syllabus	

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TERM-1	May 07 July 14 August 22 September 10	07 14 11 10	• Ch 2: The Human eye and the colourful world. • Human eye, defects of vision • Refraction of light through a prism. • Ch 2: The Human eye and the colourful world. • Dispersion of white light, atmospheric refraction, scattering of light. • Ch 3: Electricity • Electric current and circuit, electric potential and potential difference, Ohm's Law • Ch 3: Electricity • Resistance of a system of resistors, heating effect of current, electric power.	• **The vision survey + prism investigation:** who community has vision problems and what does white light actually contain. • The Circuit investigation + classroom energy audit
PRE BOARD 1	September 01	01	Revision with Numericals for PA-1 and Term1 syllabus • Ch. Magnetic effect of current. • Ch. Magnetic effect of current Revision with Numericals for Pre Board 1	

	October 22	22		• To demonstrate that an electric current flowing through a straight conductor generates a circular magnetic field around it, and to observe how the direction of current affects the field pattern.
	November 19	19	• Consolidation and reflection of 80% syllabus	
PRE BOARD 2	December		• Consolidation and reflection of complete syllabus	
PRE BOARD 3	January		• Consolidation and reflection of complete syllabus	

SUBJECT:- CHEMISTRY

ASSESSMENT	MONTHS	DAYS	TOPIC	ACTIVITY
PA-1	March 13	13	• Ch 1: Chemical reactions and equations • Chemical equation, type of chemical reaction.	• To illustrate thermal decomposition reactions
	April 23	12	• Ch 1: Chemical reactions and equations • Displacement reaction, Oxidation and reduction,	• To study the reaction between magnesium and oxygen to form magnesium oxide

		11	effect of oxidation reaction in everyday life. • Ch 2: Acids, bases and salts • The chemical properties of acids and bases. • Importance of pH in everyday life, pH of salts, crystals of salts.	• To test the water of crystallization in copper sulphate crystals
	May 10	10	Revision Of PA1 Syllabus	
TERM-1	May 7	07	• Ch 3: Metals And Non-Metals • Physical Properties of Metals and Non-Metals	
	July 14	14	• Ch 3: Metals And Non-Metals • Chemical Properties of Metal and Non-Metal, occurrence of metals, corrosion.	The reactivity series investigation
	August 22	22	• Ch 4: Carbon and its compounds • Bonding in carbon, versatile nature of carbon, Saturated and unsaturated carbon compounds, Chemical properties of carbon compounds, some important carbon compounds.	• **The soap lab:** what does soap clean and does soap work as well as commercial soap. • To demonstrate that hard water produces foam with detergent but only curdy white precipitate with soap

	September 10 September 01	10 01	Revision of PA1 and Term 1 syllabus • Ch: Carbon and it's compounds Topic: Homologous series	• To study the zones of candle flame (combustion)
	October 22	22	Topic: Nomenclature • Chemical properties of carbon • Ethanol and Ethanoic acid - properties and uses • Soaps and detergents • Ch: Periodic classification of elements	
	November 19	19	• Consolidation and reflection of 80% syllabus	
PRE BOARD 2	December		• Consolidation and reflection of complete syllabus	
PRE BOARD 3	January		• Consolidation and reflection of complete syllabus	

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SUBJECT:- BIOLOGY

ASSESSMENT	MONTHS	DAYS	CONTENT	ACTIVITY
PA-1	March 13	13	• Ch 1: Life Processes • Life Processes, nutrition, Respiration.	• To show that chlorophyll is essential for photosynthesis.
	April 23	10 13	• Ch 1: Life Processes • Transportation in Human Beings and plants, Excretion. • Ch 2: Control And Coordination • Structure of neuron, reflex actions, structure of human brain, nervous tissue cause action.	• To prepare a temporary mount of a leaf peel to show stomata. • To observe permanent slide of structure of neuron
	May 10	10	Revision of PA1 syllabus	
TERM-1	May 07	07	• Ch 2: Control And Coordination coordination in plants, Hormones in animals.	• Make a schematic representation of endocrine glands and their functions
	July 14	14	• Ch 3: How do organisms reproduce? • Importance of variation • Asexual Reproduction with the help of diagrams	• Studying (a) binary fission in amoeba (b) budding in yeast and hydra.
	August 22	10 12	• Ch 3: How do organisms reproduce? • Sexual Reproduction (In flowering plants and human beings) • Ch 4: Heredity • Heredity, Mendel's contributions.	• Diagrammatic representation of male and female reproductive system. • Activity- Using beads to demonstrate Mendel's Law of

PRE BOARD 1				inheritance and trait combination. This shows how genes pass from parents to offspring.
	September 10	10	Revision with Diagrams for PA-1 and Term1 syllabus	s
	September	01	• Ch4: Heredity	
	October 22	08 14	• Dihybrid cross • Sex Determination • Ch5: Our environment Ecosystem • How do environment affect our activities? Revision	• Create a mini nature diary : To observe biodiversity and understanding the importance of living organisms in our surroundings.
	November 19	19	• Consolidation and reflection of 80% syllabus	
PRE BOARD 2	December		• Consolidation and reflection of complete syllabus	
PRE BOARD 3	January		• Consolidation and reflection of complete syllabus	

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SUBJECT:- S.ST

ASSESSMENT	MONTH	DAYS	CONTENT	ACTIVITY
PA-1	March 13	13	**History:** • Ch 1: The Rise of Nationalism in Europe	• **Classroom Speech Deliberation:** Make clipping of news related to ongoing conflicts or wars in colourful sheets.
	April 23	03 04 05 05 06	**Political Science:** • Ch 1: Power Sharing • Ch 2: Federalism **Geography:** • Ch 1: Resources and Development **Economics:** • Ch 1: Development • Ch 2: Sectors of the Indian Economy	• **Inter house MUN Conduction:** Challenges faced by Belgium and Sri Lanka in ensuring effective power sharing. • Group discussion on how to create more employment
	May 10	06 04	**History:** • Ch 2: Nationalism in India **Geography:**	

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			• Ch 2: Forest and Wildlife Resources Revision of PA 1	• Field visit to Environmental park.
TERM-1	May 7	05 02	**Political Science:** • Ch 4: Gender, Religion and Caste **Geography**: • Ch 7: Life lines of National Economy (Only Map pointing to be evaluated in the Board Examination)	• **Debate competition** • **Topic:** • Should religious symbols be allowed in government institutions and public places?
	July 14	05 04 05	**Economics:** • Ch 3: Money and Credit **Geography:** • Ch 3: Water Resources **Geography:** • Ch 4: Agriculture	Visit a bank Branch (Formal sector) to learn about the services they offer. • Deposit- Opening of accounts etc Loan
PRE BOARD 1	September 10	05 05	• Ch 5: Print Culture and the Modern World • Ch3: The Making of Global World (Sub Topic 1 to 1.3 Pre Modern World to Conquest, Disease and Trade) Revision of PA1 & T1	• Field visit in Amar Ujala Newspaper center.
	0ctober 22	22	**Economics:** Globalisation and the Indian Economy	• Global trade for : Mapping the world (India through International trade)

	November 19	19	• Consolidation and reflection of 80% syllabus	
PRE BOARD 2	December		• Consolidation and reflection of complete syllabus	
PRE BOARD 3	January		• Consolidation and reflection of complete syllabus	

SUBJECT:- A.I

ASSESSMENT	MONTH	DAYS	CONTENT	ACTIVITY
PA-1	March 13	06	(Part A) • Ch1: Communication Skills-II	• Role-play exercise to demonstrate effective verbal and non-verbal communication in real-life scenarios, followed by group discussion and feedback. • Time management workshop using planners, setting personal goals, and reflecting on stress management techniques through practical exercises and discussions.
		07	(Part A) • Ch2: Self-Management Skills-II	
	April 23	23	(Part B) • Ch1: Revisiting AI Project Cycle & Ethical Framwork for AI	• Students create simple AI models using Python, exploring real-world AI applications, followed by a discussion on AI's impact.
	May 17	10	(Part A) • Ch 3: ICT Skills-II	• Students create a multimedia presentation using Microsoft PowerPoint or Google Slides, incorporating text, images, and transitions to showcase digital communication skills.
		7	(Part-B) • Ch 2:Advanced concepts of modelling in AI	

TERM-1	July 14	4 10	(Part A) • Ch 4: Entrepreneurial Skills-II (Part B) • Ch 2: Advanced Concepts of Modelling in AI	• Students create a business plan for a startup, focusing on identifying target markets, defining products, and developing marketing strategies. • Students work in groups to identify a problem, design an AI solution, implement the model, and evaluate its effectiveness.
	August 22	16 03 03	(Part B) • Ch 7:(Advanced Python • Ch 3: Evaluating Models (Part A) • Ch 5: Green Skills	• Students analyze a dataset using Python, apply data cleaning techniques, and visualize insights using libraries like Pandas and Matplotlib.
	September 10	10	Revision	• Students review key concepts from P.A I through quizzes and group discussions, reinforcing their understanding of core topics. • Students participate in a comprehensive revision session, solving sample papers and discussing important concepts from Term I subjects.
PRE BOARD 1	September 02		(Part A) • Ch 3: ICT Skills-II	• Students create a multimedia presentation

				using Microsoft PowerPoint or Google Slides, incorporating text, images, and transitions to showcase digital communication skills.
	October 22		• Ch3:(Evaluating Models • Ch 4: Entrepreneurial Skills-II • Ch:5 Computer Vision NLP	• Students work in groups to identify a problem, design an AI solution, implement the model, and evaluate its effectiveness. • Students create a business plan for a startup, focusing on identifying target markets, defining products, and developing marketing strategies. • Group discussion regarding challenges of using CVin society • Text classification-"Human or Machine?" & Keywoed Identification
	November 19	19	• Revision • Consolidation and reflection of 80% syllabus	
PRE BOARD 2	December		• Consolidation and reflection of complete syllabus	
PRE BOARD 3	January		• Consolidation and reflection of complete syllabus	

SUBJECT: URDU (MAIN SUBJECT)

ASSESSMENT	MONTH	TOTAL DAYS	CONTENT	ACTIVITY
PA1	(مارچ	05	افسانہ راجندر سنگھ بیدی ، بھولا	
		05	سعادت حیسن منٹو ، افسانہ نیا قانون حیات اللہ انصاری ، افسانہ بھیک	صنف افسانہ پر سر گرمی
		03	مضمون نگاری اور خطوط نگاری	
	اپریل	07	نظم اکبر الہ آبادی ، نظم جلوہ دربار دہلی	
		07	اختر شیرانی ،نظم اودیس سے آنے والےبتا	نظم پر نوٹ لکھے رنگ دار بر ق پر
		07	جوش ملیح آبادی ، نظم گرمی اور دیہاتی بازار	
TERM-1	(مئی	2	غزل). ؔ سودا ، غزل گوئی اور غزلیات	غزل پر سر گرمی رنگدار بر ق پر
		05	ذوق ،غزل گوئی اور غزلیات	
		05	گرائمر : فعل کی اقسام زمانے اور معنوں کےلحاظ سے رموز واوقاف، شاعری اصلاحات ،محاورات	
	(جولائی	05	(کتاب گلزار اردو پریم چند ،افسانہ گلی ڈن ڈا	گیا کے کردار پر نوٹ لکھے رنگدار برق پر
		04		

		05	علی عباس حسنی ،افسانہ آئی -سی -ایس دیونندر سیتارتھی،افسانہ ان دیوتا	الطاف حسین حالیؔ پر نوٹ لکھے رنگدار برق پر
	(اگست	05	سوانح الطاف حسین ؔحالی ،سرسیداحمد خان کا بچپن	
		02	مولوی عبدلحق ، مخلوط زبان	
		05	ضائع وبدائع گرائمر نظم اقبالؔ ، حقیقت حسن غزل	
		05	فانی ؔاور غزلیات ،شادؔ عظیم آبادی غزلیات	
		05	ڈرامہ محمد مجیب ، آزمائش ڈاکٹر پرویز اسلم، ماحول بچائے	
	(ستمبر	05	رباعی : تلوک چند ربا عیات ببرعلی انیس ، رباعیات	نور خان کا کردار لکھے رنگ دار بر ق پر
		05	کرشن چندر،افسانہ دوفرلانگ لمبی سڑک عظیم بیگ چغتائی،افسانہ فقیر احمد ندیم قاسمی ،افسانہ سلطان خاکہ ، مولوی عبدلحق ، گدڑی کا لال نورخان محمد طفیل ،جگر صاحب شاعری اصلاحات رموزواوقاف	دہرائی مکمل نصاب

NOTE: The field trip outlined in the syllabus shall be organized strictly upon

receiving formal permission from the concerned institute/organization.