

City Montessori School, Lucknow

Syllabus 2026 – 2027

Grade 8

Cambridge

S.No.	Subject	Page Number
1.	English	2
2.	Maths	2
3.	Hindi	3
4.	Geography	5
5.	History	6
6.	Science	7
7.	Computer	8

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ENGLISH

Month	CUP	Language focus	Writing
March-May	Unit 1- Going underground	Punctuation for rhetorical effect; extended metaphors	Writing a formal review(Place, book, movie, restaurant)
Midterm 1	Non-Fiction paper		
July-Aug	Unit 2- Law and order Unit 4- Time	Combining sentence types for effects Colons and Semicolons Tenses Conditionals and modals, verb choices Producing travel writing	Writing a speech Writing a story opening Descriptive account
Sep	Revision	HALF-YEARLY	Progression test papers
Oct-Nov	Unit 5-That's entertainment Unit 6- A Sense of Place	Asides and dramatic irony Layers of meaning in figurative language Pathetic fallacy	Writing a discursive Response(article) Narrative writing (flashback)
Midterm 2	Fiction paper		
Dec-Jan	Unit 7-The Journey Within Unit 9-Strange and unusual	Motifs Level of formality Ambiguous endings Puns and double-meaning	Writing a feature article Writing a final scene
Feb	Revision	ANNUAL EXAM	Checkpoint Exam

MATHS

<u>Months</u>	<u>Syllabus topic wise</u>
April-May 27 days	1- Number and calculation 2-Expressions and formulae 3- Decimals, percentages and rounding
July 23 days	Mid term I 4-Equations and inequalities
August 21 days	5- Angles 6- Statistical investigations 8-Fractions
September 11 days	Revision HY
October 19 days	7-Shapes and measurements 9-Sequences and function 10- Graphs
November	11- ratio and proportion

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19 days	12-Probability
December 21 days	Mid term II 13-Position and transformation 14-Volume ,surface area
January 17 days	15- Interpreting and discussing results
February 15 days	Revision

HINDI

S. No.	MONTH	UNIT	ACTIVITY	No. of Periods
1.	March-April	वर्ण - विचार स्वर , व्यंजन ,रेफ़ और पदेन' र' का प्रयोग श ,ष,स का अभ्यास ड/ढ और ड/ ढ का अभ्यास श्रुतलेख इकाई - १ पहचान 1. अस्तित्व अपना - अपना (कहानी) २.व्याकरणिक ज्ञान (संज्ञा) ३. निबंध ४. दुनिया में ऐसे कबीले ४.श्रवण अभ्यास	शब्दार्थ वाक्य - प्रयोग अभ्यास - पत्र मूल्यपरक / उच्चस्तरीय प्रश्न (न्यूनतम २)	10 +10 [March] 12
2.	May	मौखिक अभ्यास (परियोजना निर्माण	परियोजना निर्माण	6
3.	July	इकाई १. १. उत्तराखंड में 500 साल पुरानी अनूठी परंपरा है: रम्माण उत्सव ...(लेख) २. ओस की बूँदें (कविता) इकाई - २ स्वास्थ्य	शब्दार्थ वाक्य - प्रयोग अभ्यास - पत्र मूल्यपरक / उच्चस्तरीय प्रश्न (न्यूनतम २)	13 12

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		१. स्वास्थ्य सुपर हीरो की खोज (कहानी) २. व्याकरणिक ज्ञान (सर्वनाम) ३. सूचना लेखन ४. श्रवण अभ्यास		
4.	August	इकाई २ स्वस्थ रहो मस्त रहो (कविता) पत्र- लेखन (अनौपचारिक) व्याकरणिक ज्ञान (विशेषण) शब्दों और वाक्यों को शुद्ध करो	शब्दार्थ वाक्य - प्रयोग अभ्यास - पत्र मूल्यपरक / उच्चस्तरीय प्रश्न (न्यूनतम २)	10 13
5.	September	पुनरावृत्ति		10
6.	October	इकाई - 4 आपदा १. पहाड़ों का गुस्सा(कहानी) २. समाचार 'भीषण बाढ़ से जन- जीवन अस्त - व्यस्त, राहत कार्य जारी' ३. व्याकरणिक ज्ञान - अव्यय ४. समाचार - लेखन ५. श्रवण अभ्यास	शब्दार्थ वाक्य - प्रयोग अभ्यास - पत्र मूल्यपरक / उच्चस्तरीय प्रश्न (न्यूनतम २) साक्षात्कारलेखन - कौशल (रिपोर्ट / प्रतिवेदन लेखन)	17
7.	November	इकाई - ५ भविष्य १. भविष्य की मनोरंजन यात्रा (कहानी) २. विचार : भविष्य में शिक्षा ३. व्याकरणिक ज्ञान (क्रिया विशेषण) ४. साक्षात्कार - लेखन	शब्दार्थ वाक्य - प्रयोग अभ्यास - पत्र मूल्यपरक / उच्चस्तरीय प्रश्न (न्यूनतम २) आलेख	21
8.	December	४. लेख : सुखद भविष्य की झलक निबंध	शब्दार्थ वाक्य - प्रयोग अभ्यास - पत्र	24

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		पत्र लेखन (औपचारिक) ई मेल लेखन	मूल्यपरक / उच्चस्तरीय प्रश्न (न्यूनतम २)	
9.	January	इकाई ६ १. कविता - चलो चलें यात्रा पर २. केरल के बैकवाटर्स पुनरावृत्ति	शब्दार्थ वाक्य - प्रयोग अभ्यास - पत्र मूल्यपरक / उच्चस्तरीय प्रश्न (न्यूनतम २) आत्मकथा - लेखन	19
10.	February	पुनरावृत्ति		16

GEOGRAPHY

MONTH	CHAPTERS
March	Resources
April	Agricultural practices
May	Disaster management
July	Disaster management(cont.)
August	Mineral and Power Resources
September	Manufacturing Industries
October	Industries: India
November	Human Resources / population dynamics
December	Human Resources /population dynamics(contd.)
January	ELP Disaster management(cont.)
February	Revision

HISTORY

MONTH	Topics	Scheme of Work	Activities
March April	- Establishment of British Rule in India - The Indian Constitution	The learners will know about the details of the British rule in India	Prepare a speech on the 'Divide and Rule policy' as applied by the British
May	The Indian Constitution (cont.)	The learners will know about the Indian constitution in detail.	Frame a constitution for your own class. It should be fair to all.
July	- Rural Life and Society - The Revolt of 1857	- The learners will know about the various land revenue collection system, under the Ryotwari, Mahalwari - Learners will know the causes, centres and	Research work Why did the British introduce different land revenue systems for different states?

Class VIII

(6)

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February	Revision
Annual Examinations	

SCIENCE

S.No	MONTH	UNIT	ACTIVITY
1.	March	Bridging Curriculum a) Scientific Enquiry b) Graph plotting and interpretation Basic Equipments and Apparatus	Lab Visit every week Field Trip to NBRI
2.	April-May	1. Photosynthesis and Carbon Cycle 2. Properties of Material	Lab Visit every week Field Trip to NBRI
3.	July	3. Forces and Energy Revision Mid Term I 1. Photosynthesis 2. Properties of Materials	Lab Visit every week
4.	August	4. Maintaining Life	Lab Visit every week
5.	September	Revision for half yearly Examination HALF YEARLY EXAMINATION 1. Photosynthesis and Carbon Cycle 2. Properties of Materials 3. Forces and Energy 4. Maintaining Life	-----
6.	October	5. Sound and Space	Lab Visit every week
7.	November	6. Reactivity 7. Rates of Reaction	Lab Visit every week Field Visit to Birbal Sahni Institute
8.	December	8. Genes and Inheritance Revision Mid Term II 1. Sound and Space 2. Reactivity	Lab Visit every week
9.	January	9. Electricity	Lab Visit Activity Every Week Series and Parallel Circuit Verification of Ohm's Law
10.	February	Revision for Final Exam Annual Examination Full Course	-

Note: All Lab Activities will be designed as per Scheme of Work [Cambridge Support Hub]

COMPUTER

<u>MONTH</u>	<u>CHAPTERS</u>
APRIL-MAY	Hardware 3.2 Input and output devices Understand what is meant by an input device and why it is required Understand what is meant by an output device and why it is required
JULY	Hardware 3.2 Input and output devices Understand what is meant by a sensor and the purposes of sensors. Identify the type of data captured by each sensor and understand when each sensor would be used, including selecting the most suitable sensor for a given context. 6.1 Automated systems Describe how sensors, microprocessors and actuators can be used to create automated systems.
AUGUST	CH- DESIGN TOOLS Sequence and Selection CH- INTRODUCTION TO PYTHON Sequence and Selection Write and amend algorithms for simple problems or scenarios using, pseudocode, program code and flowcharts. MOD and DIV to be introduced.
SEPTEMBER	Revision
TERM I ASSESSMENTS	
OCTOBER-NOVEMBER	CH - DECISION MAKING IN PYTHON CH- DESIGN TOOLS – DECISION MAKING CH- ADVANCED DECISION MAKING IN PYTHON and DESIGN TOOLS IF ELSE IF LADDER What are LOGICAL/BOOLEAN OPERATORS Programs involving LOGICAL OPERATORS No Nesting
DECEMBER	6.2 Robotics 1 Understand what is meant by robotics. 2 Describe the characteristics of a robot. 3 Understand the roles that robots can perform and the advantages and disadvantages of their use.

JANUARY	Hardware 3.3 Data storage Understand what is meant by primary storage (RAM and ROM) Including the role of: – random access memory (RAM) – read only memory (ROM)• Including why a computer needs both RAM and ROM, and the difference between them Understand what is meant by secondary storage Show understanding of the difference between: primary, secondary and off-line storage and provide examples of each, such as: primary: Read Only Memory (ROM), and Random Access Memory (RAM) secondary: hard disk drive (HDD) and Solid-State Drive (SSD); off-line: Digital Versatile Disc (DVD), Compact Disc (CD), Blu-ray disc, USB flash memory and removable HDD. Describe the operation of magnetic, optical and solid-state (flash memory) storage and give examples of each Describe how these principles are applied to currently available storage solutions, such as SSDs, HDDs, USB flash memory, DVDs, CDs and Blu-ray discs.
FEBRUARY	Revision
TERM II ASSESSMENTS	