



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-110062
SESSION 2025-26
CLASS-VIII
PT II SYLLABUS

ENGLISH

NAME OF THE BOOKS: THE ENGLISH CRUISE
GRAMMOLOGY
P.P PUBLICATIONS
PRACTICE BOOK
THE MAGIC FLUTE

TOPICS	ACTIVITIES
<u>THE ENGLISH CRUISE</u> 1. The Enchanted Shirt (As per Mid Term) 2. The Jarawa Tribe of the Andamans (As per Mid Term) 3. Human Family 4. Dear Pen Pal 5. Astronauts <u>GRAMMOLOGY</u> 1. Tenses 2. Active and Passive Voice <u>WRITING SKILL</u> 19. Notice Writing <u>THE MAGIC FLUTE (Read Only)</u> 13. The Enslaved Demon 14. The Banjaran 15.The Last Farewell 16. Paper Money 17.An Unsolved Mystery	<u>Drawing & Illustration</u> Imagine how the alien pen pal looks and design a comic strip of it. <u>“We Are One” Collague</u> Create a collage with pictures of people from different backgrounds, showcasing unity in diversity. You can also include quotes from the poem or their own reflections.

हिंदी

पुस्तकों के नाम: हिंदी पाठ्यपुस्तक भाषा सेतु
हिंदी व्याकरण एवं रचना
रंगमंच की कहानियाँ

पाठ का नाम	क्रियाकलाप
हिंदी पाठ्यपुस्तक भाषा सेतु हिंदी व्याकरण एवं रचना पाठ 7. कायर मत बनो (MID-TERM) पाठ 9. वाक्य-विचार (MID-TERM) पाठ 5. स्प्रिंटर दादी पाठ 12. वाच्य पाठ 3. शब्द-विचार पाठ 8. संस्कृति क्या है? (MID-TERM) पाठ 11. कलिंग-विजय पाठ 17. समास पाठ 12. पूर्वी सीमांत असम पाठ 4. संधि रंगमंच की कहानियाँ (पूरक-पुस्तिका) पाठ 5. नीरा (पठन) पाठ 6. चूहा और मैं लेखन लघुकथा-लेखन विज्ञापन-लेखन	<ul style="list-style-type: none">भारत की महिला खिलाड़ियों की उनके खेल, पदक, राज्य, की सूची बनानागीता श्लोक गायन प्रतियोगिताकलिंग-विजय नाट्य मंचनबेटी बचाओ, बेटी पढ़ाओ पर स्लोगन लेखनकाजीरंगा राष्ट्रीय उद्यान का मॉडल बनानाकागज़ के फूलों से गुलदस्ता बनाना

संस्कृत

पुस्तक का नाम- अमृतम् संस्कृत पाठमाला (तृतीयः भागः)

पाठ का नाम	क्रियाकलाप
पाठ 7. महाकविः कालिदासः (MID-TERM) पाठ 8. भारतरत्न डॉ. कलामः (MID-TERM) पाठ 9. मूर्खः गंगदत्तः पाठ 10. गीतामृतम् व्याकरणम् <ul style="list-style-type: none">मति (इकारान्त) शब्द रूप'ज्ञा' धातु रूप (पाँचों लकारों में)खगानां नामानिवर्णानां नामानिसंख्यावाचक शब्दाःसमय (MID-TERM)दैनन्दिन शब्दाः (MID-TERM)अव्यय (MID-TERM)अपठित गद्यांशम्चित्र वर्णन/संवाद लेखन	<p>मूर्खता बनाम बुद्धिमत्ता – विद्यार्थी संस्कृत में 'मूर्ख' और 'बुद्धिमान' व्यक्ति के बीच एक संवाद करेंगे।</p> <p>श्लोक उच्चारण प्रतियोगिता – विद्यार्थी भागवत गीता के कुछ श्लोकों का उच्चारण और भावार्थ करेंगे।</p> <p>रंगोली एवं पोस्टर निर्माण - विद्यार्थी रंगों के संस्कृत नामों को पोस्टर या रंगोली के माध्यम से प्रस्तुत करेंगे।</p>

MATH

NAME OF THE BOOK – MATHS MASTER ENRICHING MATHEMATICS

CHAPTERS	ACTIVITIES
CH-6 Algebraic expressions and identities	Create a wall hanging for the algebraic identities.
CH-7 Factorization of algebraic expression	Factorization with story telling
CH-18 Introduction to Graphs	Use of graph to understand the concept of coordinates of a point.
CH-19 Probability	AS PER MID TERM

SCIENCE

NAME OF THE BOOK – SCIENCE ERA

CHAPTER	ACTIVITY/EXPERIMENT
CH-14: CHEMICAL EFFECTS OF ELECTRIC CURRENT (PT-1)	-
CH-7: CONSERVATION OF PLANTS AND ANIMALS	<p><u>Activity</u></p> <ul style="list-style-type: none"> • Create a 3D diorama of a protected forest or marine reserve. • Analyze deforestation rates and plot the data on a graph. • Write a persuasive letter to the government about protecting forests. • Role play activity-Assign students different endangered animals & have them present a plea to save their species. • Make a "Before & After" art project showing a forest before and after deforestation.
CH-15: SOME NATURAL PHENOMENA	<p><u>Activity</u></p> <ul style="list-style-type: none"> • Role play of news reporters covering a lightning storm, earthquake, or cyclone. • Write a diary entry from someone who survived an earthquake or lightning storm. • Mark earthquake prone areas on the world map.
CH-8: CELL: STRUCTURE AND FUNCTION (Activity based)	<p><u>Activity</u></p> <ul style="list-style-type: none"> • Prepare an edible cell presentation of plant/ animals cell. Explain the cell dimension and its unit conversions (micrometers to millimeters) <p>Which is the most important cell organelle?" Explain Hindi or English). Research the contributions of Robert Hooke, Anton van Leeuwenhoek, Schleiden, Schwann, and Virchow and write a brief paragraph on the same.</p>

SOCIAL SCIENCE

NAME OF THE BOOK: AWARENESS SOCIAL SCIENCES

CHAPTER NAME	ACTIVITIES
HISTORY	
Ch. 5 When People Rebel	Map Activity <ul style="list-style-type: none">• Mark important centers of the revolt (Delhi, Kanpur, Jhansi, Lucknow, etc.) on the map.
Ch. 7 Women Caste and reforms	Then & Now Comparison Table <ul style="list-style-type: none">• Students compare the position of women and lower castes in the 1800s vs. today.
GEOGRAPHY	
Ch. 4 Agriculture	Farm to Table Chart <ul style="list-style-type: none">• Students trace the journey of one agricultural product (e.g., rice or coffee) from cultivation to consumption.
CIVICS	
Ch. 3 The Need of a Parliament (As Per Mid Term)	Judiciary Flowchart <ul style="list-style-type: none">• Students create a flowchart showing:
Ch. 5 The Judiciary	<ul style="list-style-type: none">• Structure: Supreme Court → High Courts → District Courts• Types of cases each court handles.

INFORMATION TECHNOLOGY

NAME OF THE BOOK : DECODE IT 8

CHAPTER	ACTIVITY/PRACTICAL
Ch 3 Tables, Hyperlinks and forms in HTML	As per Mid-Term
Ch 5 Introduction to Flash CS6	<ul style="list-style-type: none">• Create Animated Text Effect• Create a "Bouncing Ball" Animation• Create a Sunrise Scene Link Click here to explore details
Ch 6 Flash CS6: Advanced Features	

ARTIFICIAL INTELLIGENCE

NAME OF THE BOOK – ARTIFICIAL INTELLIGENCE - 8

UNIT/TOPIC	ACTIVITY/PRACTICAL
UNIT 2: RELATE	As Per Mid Term
UNIT 3: PURPOSE	As Per Mid Term
UNIT 4: POSSIBILITIES	<ul style="list-style-type: none">• Activities:<ul style="list-style-type: none">○ AI and the Future: Conduct brainstorming sessions or design challenges where students propose innovative AI applications for the future (e.g., in disaster management, education, or transportation). Resource: Refer to Future Possibilities of AI for inspiration: https://www.futurepossibilities.ai/○ Collaborative Ideation: Divide students into groups to work on an AI-related project where they design a prototype or conceptual AI solution. They can present their ideas as part of a "Tech Fest."○ Watch a video on AI's potential to shape the future: https://www.youtube.com/watch?v=Q2cP6Z8CNbU○ Discuss AI's potential to solve complex problems: https://www.un.org/sustainabledevelopment/○ Create a presentation on AI's potential to shape the future: https://www.canva.com/• Practical:<ul style="list-style-type: none">○ Build an AI Application Prototype: Use platforms like Scratch with AI Extensions or MIT App Inventor for students to create simple AI-powered apps: https://scratch.mit.edu/ or https://appinventor.mit.edu/○ Experiment with AI-powered tools like Google's AI Experiments: https://experiments.withgoogle.com/○ Create a simple AI model using a visual interface like Teachable Machine: https://teachablemachine.withgoogle.com/○ Use a platform like IBM Watson Studio to create a simple AI model: https://www.ibm.com/cloud/watson-studio/○ Experiment with AI-powered data analysis tools like Google Data Studio: https://datastudio.google.com/

ART

TOPIC	PAGE NO.
1. Pencil shading – bird	32
2. Water colour – flower	34
3. Water colour – still life	36
4. Water colour – bird	37
5. Water colour – animal	38-39
6. Water colour – landscape	40-41

CRAFT

1. Recycled Craft
2. Wool Craft