



**MOUNT COLUMBUS SCHOOL
DAKSHINPURI
NEW DELHI – 110062
SYLLABUS- PT-I (2024-25)
CLASS –VIII**

<u>ENGLISH</u>	NAME OF THE BOOKS - ENGLISH WEAVES - CBSE ENGLISH LANGUAGE PRACTICE BOOK - PREMCHAND SELECTED STORIES
CHAPTERS	ACTIVITIES
ENGLISH WEAVES <ul style="list-style-type: none">• CH-1- A Real Actor`s Part: An Unsung Hero• CH-2- Trip to Mysore POEM <ul style="list-style-type: none">• Shed in space GRAMMAR <ul style="list-style-type: none">• Determiners WRITING SKILLS <ul style="list-style-type: none">• Notice Writing PREMCHAND SELECTED STORIES (READ ONLY) <ul style="list-style-type: none">• CH -1- The Tale of Two Bullocks 1• CH-2- The Tale of Two Bullocks 2	<ul style="list-style-type: none">• Design a comic strip featuring an original hero, demonstrates their heroic qualities and the challenges they faced in their day-to-day life.• Design a travel brochure for a three-day visit to Mysore highlighting its cultural events and ethnicity.• Make a poster on the topic-‘Explore the cosmos : What Mysteries Await Beyond Our Solar System.• Prepare a Leaflet on the poet `Gereth Owen` describing his famous work and early childhood.

हिंदी	पुस्तकों के नाम - पलाश हिंदी पाठ्यपुस्तक कथा मञ्जूषा व्याकरण भारती
पाठ का नाम	क्रियाकलाप
<p>पलाश हिंदी पाठ्यपुस्तक पाठ 1. प्रियतम पाठ 2. अस्थिदान पाठ 3. चिकित्सा का चक्कर पाठ 4. तेरह तारीख और शुक्रवार का दिन (पठन)</p> <p>कथा मञ्जूषा पाठ 1. चिंता चिता समान पाठ 2. कुबेर का घमंड पाठ 3. भिखारिन (पठन)</p> <p>व्याकरण भारती पाठ 1. भाषा और व्याकरण पाठ 2. वर्ण-विचार पाठ 3. शब्द विचार पाठ 4. संधि पाठ 24. पत्र-लेखन पाठ 26. अनुच्छेद लेखन</p>	<ul style="list-style-type: none"> • अनमोल प्रेरणादायक विचारों का संकलन कर कक्षा में लगाना अभिनय कला • एक सप्ताह के लिए स्वस्थ आहार का एक चार्ट बनाना / चन्द्रमा की कलाओं का समुद्र पर प्रभाव को दर्शाते हुए एक पी.पी.टी. तैयार करना • पनडुब्बी का मॉडल तैयार करना • नाटक मंचन • मातृभाषा सूची बनाना • अपने घर के सदस्यों के नाम के वर्ण-विच्छेद करना • अपने मनपसंद कार्टून को पीपीटी के माध्यम से चित्रात्मक शैली में प्रदर्शित करना • छात्रों द्वारा विभिन्न विषयों पर लिखे गए पत्र को चार्ट पर प्रदर्शित करना

संस्कृत	पाठ्यपुस्तकम् - सुप्रभातम् संस्कृत पाठमाला
पाठ का नाम	क्रियाकलाप
<p>सुप्रभातम् संस्कृत पाठमाला</p> <p>प्रथमः पाठः प्रगतिशीलं भारतम् संवादः (लट्-लृट्-लोट्-लङ् लकाराणां पुनरावृत्तिः)</p> <p>द्वितीयः पाठः दिनचर्या - संवादः (विधिलिङ् लकारः)</p> <p>तृतीयः पाठः निर्भयता - लेखः (प्रत्ययः)</p> <p>व्याकरणम्</p> <p>धातु रूप - गम् (पाँचों लकारों में)</p> <p>शब्द रूप - राम (अकारान्त स्त्रीलिङ्ग) लता (आकारान्त स्त्रीलिङ्ग)</p> <p>प्रत्यय</p> <p>अन्नानि नामानि</p> <p>व्यञ्जनानि नामानि</p> <p>संख्यावाची शब्दाः (1-20)</p> <p>चित्र वर्णनम्</p> <p>अपठित गद्यांश</p>	<ul style="list-style-type: none"> • स्वतंत्रता पूर्व भारत तथा स्वतंत्रता पश्चात भारत का तुलनात्मक प्रस्तुतीकरण । (परियोजना कार्य) • अपनी दैनिकचर्या को सूचीबद्ध करके लिखिए। (ए फॉर साइज शीट) • 'निर्भयता' विषय पर एक लघु लेख लिखिए। (ए फॉर साइज शीट)

<u>MATHEMATICS</u>	NAME OF THE BOOK - SMART MATHS
CHAPTER	ACTIVITIES
Ch-1 Rational Number Ch-2 Linear Equations in One Variable Ch-3 Direct and Inverse Proportions	<ul style="list-style-type: none"> To Identify equivalent rational numbers by play way method. Project no.1 - To solve a simple linear equation by activity method. Identification of the types of proportion using paper folding.

<u>SCIENCE</u>	NAME OF THE BOOK: SCIENCE SUCCESS
CHAPTERS	ACTIVITIES
CH- 1 Crop production and management CH-3 Coal and Petroleum	<p><u>ACTIVITY</u></p> <ul style="list-style-type: none"> Soil testing activity depicting colour, water percolation rate, texture, fertility, humus content etc. Create a scene of selling crops in retail market by farmers (Mandi) explaining the crops. Prepare a poster on sustainable agriculture practice or save soil campaign. Prepare an infographic illustrating the crop growth cycle. <p><u>ACTIVITY</u></p> <ul style="list-style-type: none"> Locate petroleum reserves, coal mines and natural gas resources on a map of India. To prepare a mini info book contain pictures, drawings, information about coal and petroleum, including how they are formed, where they are found, their uses, and the impact on the environment.

CH-20 Sound

- Prepare a debate on the pros and cons of using these resources. (On support of the use of coal and petroleum /advocating for alternative energy sources.)

EXPERIMENTS

- To carry out destructive distillation of coal.

ACTIVITY

- Create musical instruments using everyday material like rubber bands, cardboards, tubes, container etc.
- Run an awareness campaign on control of noise pollution and it's ill-effects.
- Write an onomatopoeic (words that sounds like the noise/sound it describes) poem of your own.

EXPERIMENTS

- To produce sounds of different frequencies.

<u>SOCIAL SCIENCE</u>	NAME OF THE BOOK - WORLD EXPLORERS
CHAPTERS	A BOOK OF SOCIAL SCIENCES
HISTORY	ACTIVITIES
Ch-1 The Modern India	<ul style="list-style-type: none">● Do research about the coins during British rule and make the replica of the coins.● Map work – Indian territories under British rule.

GEOGRAPHY	
Ch- 1 Resources	<ul style="list-style-type: none"> • Look around and observe the things that are having utility for you. Draw it label it and then categorise it under the headers of Natural / Man- Made and Human resource. • Write an essay on the topic ‘Resource Planning.’
CIVICS	
Ch-1 The Indian Constitution Ch-2 Understanding Secularism and Fundamental Rights	<ul style="list-style-type: none"> • Write a self-composed poetry to create awareness about the values embedded in the constitution. • Design a Secular Emblem.

- History Chapter 3 – British and Our Villages Will be evaluated as Project/ Assignment.

<u>ARTIFICIAL INTELLIGENCE</u>	NAME OF THE BOOK - AI TOCHPAD
CHAPTER	ACTIVITY
Ch1 - Excite	<ul style="list-style-type: none"> • Design a rough layout of the floor plan of their dream smart home. • Students draw a floor plan of a Home/ School/ City. • Students will work in groups to make charts on domains of AI. (Natural Language Processing, Computer Vision, Deep Learning) • Future cities: Your life in the city...

<u>INFORMATION TECHNOLOGY</u>	NAME OF THE BOOK - TOUCHPAD PRIME Ver2.1
CHAPTER	ACTIVITY
Ch1 - Computer Networking	<ul style="list-style-type: none"> • Create an infographic that explains basic networking concepts in a fun and engaging way. • Create a poster on “Types of Networks” • Create a poster on “Network Devices”
Ch4 - Computer Safety & Security	<ul style="list-style-type: none"> • Social Media Safety Song/Rap: Have students write and perform a song or rap about staying safe on social media. • Write the “Do’s and Don'ts” on Social Media and Internet.
Ch5 - Google Apps	<ul style="list-style-type: none"> • Students with a real-world business scenario. Divided into teams, students research and collaboratively build a case study document in Google Docs. • Google Slides to create a comprehensive presentation on “Computer Safety & Security”. This strengthens research, presentation, and communication skills through collaborative slide creation.

<u>ART EDUCATION</u>	NAME OF THE BOOK - ZONE ART AND CRAFT
S. NO.	TOPICS
1	Drawing: Eyes
2	Cotton Bud Impression: Penguin
3	Paper Craft: Pop-up haunted House
4	Drawing: Moonlight Landscape
5	Drawing: Landscape
6	Pencil Shading: Shoes
7	Shading Patterns: Scenery
8	Paper Craft: Bouquets

<u>CRAFT</u>	NAME OF THE BOOK - ZONE ART AND CRAFT
S. NO.	TOPICS
1.	Stone Art
2.	Tin Can Planter