



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-110062
SESSION-2024-25
SYLLABUS- PT I
CLASS – VII

ENGLISH

NAME OF THE BOOKS: ENGLISH WEAVES
CBSE ENGLISH LANGUAGE PRACTICE BOOK
THE STRANGER

CHAPTERS	ACTIVITIES
English Weaves <ul style="list-style-type: none">● The Story of Equals	<ul style="list-style-type: none">● Draw the pictures of Drupada and Drona on an A4 size sheet and describe their character.
Poem <ul style="list-style-type: none">● The Donkey	<ul style="list-style-type: none">● Make a chart on the poem 'The Donkey' mentioning theme, poetic device used, about the author and what you learnt from the poem.
Grammar <ul style="list-style-type: none">● Determiners● Adjectives	<ul style="list-style-type: none">● Create an 'art gallery' of determiners by selecting one determiner, such as articles (e.g., 'a', 'an', 'the') etc. Then, illustrate your chosen determiner through a creative piece of artwork, such as a drawing, collage, or any other visual representation.
Writing Skills <ul style="list-style-type: none">● Notice writing	
The Stranger (Reading Only) <ul style="list-style-type: none">● Ch-1 The Stranger● Ch-2 The Old Didikai	

हिंदी

पुस्तकों के नाम: पलाश हिंदी पाठ्यपुस्तक
कथा मञ्जूषा
व्याकरण भारती

पाठ का नाम	क्रियाकलाप
पलाश हिंदी पाठ्यपुस्तक	
पाठ 1. नारी तुम केवल श्रद्धा हो	<ul style="list-style-type: none">• नारी शशक्तिकरण पर पोस्टर बनाना* 1. हस्तकला का प्रदर्शन करते हुए मिट्टी के खिलौने बनाना /2. अपने दादा-दादी का चित्र बनाना (छात्र अपनी पसंदानुसार दोनों गतिविधि में से किसी एक गतिविधि को करेंगे)* अतुल्य भारत को दर्शाते हुए भारतीय स्मारकों की एक पी. पी. टी. बनाना• जी. एस. टी. के साथ तथा बिना जी. एस. टी. के अंतर को स्थापित करते हुए• किसी भी वस्तु का एक बिल तैयार करना• नाटक मंचन• चित्रों में वर्णित विषय-वस्तु को संकेत द्वारा अपने मित्रों को समझाना• अपने दोस्तों के नाम के वर्ण-विच्छेद करना• उच्चारण स्तर के आधार पर ध्वनियों का वर्गीकरण करते हुए चार्ट बनाकर कक्षा में लगाना• छात्रों द्वारा विभिन्न विषयों पर लिखे गए पत्र को चार्ट पर प्रदर्शित करना
पाठ 2. ईदगाह	
पाठ 3. अतिथि देवो भवः	
पाठ 4. वस्तु एवं सेवा कर - जी. एस. टी. (पठन)	
कथा मञ्जूषा	
पाठ 1. श्रम ही पुण्य	
पाठ 2. सच्चा शिष्य	
पाठ 3. ठाकुर के कुआँ (पठन)	
व्याकरण भारती	
पाठ 1. भाषा और व्याकरण	
पाठ 2. वर्ण-विचार	
पाठ 3. संधि	
पाठ 4. शब्द-विचार	
पाठ 24. पत्र-लेखन	
पाठ 26. अनुच्छेद लेखन	

संस्कृत

सुप्रभातम् संस्कृत पाठमाला

पाठ का नाम	क्रियाकलाप
प्रथमः पाठः अहं वृक्षः अस्मि संवाद (लट्-लृटलकारयो पुनरावृत्तिः)	वृक्ष रूपी मंचन सामग्री का प्रयोग करते हुए वृक्ष की आत्मकथा का प्रस्तुतीकरण। (अभिनयात्मक प्रस्तुतीकरण)
द्वितीयः पाठः क्रोधी मण्डूकः - कथा [लङ् लकारः (प्रथमपुरुषः)]	· पशु पक्षियों पर आधारित कहानी का प्रस्तुतिकरण ((ए फॉर साइज शीट)
तृतीयः पाठः स्वच्छ भारतम् लेख [लङ् लकारः (मध्यमपुरुषः)]	· स्वच्छ भारत अभियान के विषय में जानकारी प्राप्त करके कक्षा में सांझा करें। (सांझा (परियोजना कार्य)
व्याकरणम्	
धातु रूप - भू (होना) लट्, लृट्, लङ् लकार	
शब्द रूप - बालक (अकारान्त पुल्लिङ्ग) मति (इकारान्त स्त्रीलिङ्ग)	
शाकानां नामानि	
अन्नानि नामानि	
व्यञ्जनानि नामानि	
संख्यावाची शब्दाः (1-20)	
चित्र वर्णनम्	
अपठित गद्यांश	

MATHEMATICS

NAME OF THE BOOKS: SMART MATHS REVISED EDITION
CBSE MATHEMATICS LAB MANUAL

CHAPTER	ACTIVITY
Ch-2 Fractions and Decimals Ch-5 Lines and Angles	<ul style="list-style-type: none">• Activity no.1-To learn the multiplication of a whole number with a fraction• To observe and identify different types of angles in your surroundings. (Real Life Examples) <p>Activity no. 5- To prove that if a transversal line intersects two parallel lines</p>

SCIENCE

NAME OF THE BOOK: SCIENCE SUCCESS

CHAPTER	ACTIVITY/EXPERIMENT
CH-1 NUTRITION IN PLANTS	<u>Activity</u> <ul style="list-style-type: none">• Prepare a triorama showing different modes of nutrition in plants.• Prepare a 3-D structure demonstrating open and closed stomata.• Role play of cookery show to explain the process of photosynthesis.
CH-5 PHYSICAL AND CHEMICAL CHANGE	<u>Experiment</u> <p>To show that light is necessary for photosynthesis.</p> <u>Activity</u> <ul style="list-style-type: none">• Create a flipbook showing physical and chemical changes that we observed in our surroundings.• Prepare and demonstrate a Lava Lamp.
CH-9 TIME AND MOTION	<u>Experiment</u> <ul style="list-style-type: none">• To study the conditions necessary for rusting.• To study the nature of change when an

iron nail is dipped in copper sulphate solution.

Activity

- **Make a balloon car or straw balloon race showing translational motion (STEM ACTIVITY).**
- **Prepare a working 3D model showing different types of motions.**

Experiment

To study the motion of a simple pendulum and calculate its time period.

SOCIAL SCIENCE

NAME OF THE BOOK: WORLD EXPLORERS

CHAPTERS	ACTIVITIES
HISTORY Ch-1, Changes in Medieval Period	Collect information about the coins used in the medieval period. Make similar coins using clay and colours.
CIVICS Ch-1, On Equality Activity Based Chapter Ch-2, Role of Government in Healthcare	Find out the program launched out by the government to bring equality in India. Prepare a report stating the implementation, success or failure, reason of failure and steps to be taken for better implementation. Imagine you are the Health Minister of your state. Issue a circular for the steps taken for the improvement of health services in your state.
GEOGRAPHY Ch-2, Inside Our Earth Activity Based Chapter Ch-1, Our Environment	Paste the picture of any famous monument in your city on an A4 size sheet and find out which rock they are made up of. Also describe the features of that rock. Make the model Hydrological cycle by using colourful sheets, cardboard and colours.

INFORMATION TECHNOLOGY

NAME OF THE BOOK: IT VOYAGE

Chapter	Activity
Ch1 - Introduction to Photoshop 2021	<ul style="list-style-type: none">● Open an image in Photoshop and try out the Tools discussed in the chapter.● Make poster on “Sustainable Development Goals”● Make a “Before and After” transitioning of an image using Photoshop.
Ch2 - Data Representation in Computers	<ul style="list-style-type: none">● Make a “Conversion Chart” on a sheet. Refer to pg 20 of book (IT Voyage) for the chart.● Make a chart on SDG Index of India. Present different indicators of Each Goal. https://dashboards.sdgindex.org/profiles/india
Ch6 - Computer Networking	<ul style="list-style-type: none">● Make an attractive poster on “Network Topologies” on a sheet.
Ch7 - Internet: E-Commerce & More	<ul style="list-style-type: none">● Go to wix.com and create an appealing blog site.

ARTIFICIAL INTELLIGENCE

NAME OF THE BOOK: AI TOUCHPAD

CHAPTERS	ACTIVITY
Ch1 - Introduction to AI	<ul style="list-style-type: none">● Students will brainstorm, in pairs, real-world examples of intelligent machines in their daily lives (e.g., self-driving cars, virtual assistants) and make Posters (A4 size).● Use the AI handy tool that lets the user point to any object with a camera and get information regarding that object. It gives an answer in multiple languages. To play this game visit the link https://experiments.withgoogle.com/thing-translator● Write a letter in 200 words to your future self from 2050 and mention the latest technology and changes that you would see around yourself. Use Google Docs to write the letter and publish it to the web.
Ch2 - Pioneers in the Field of AI	<ul style="list-style-type: none">● Working in pairs, students will utilize provided biographies of the aforementioned pioneers to create a collaborative timeline highlighting major milestones in AI history.● A fun game that helps to celebrate fireworks without harming the environment. Visit the link to enjoy the fireworks: https://g.co/arts/WykWMUchj6CtSb7s8

ART & CRAFT

NAME OF THE BOOK: BOOK ZONE ART & CRAFT

COLOURING	CREATIVE CRAFT AND ACTIVITIES
<ol style="list-style-type: none">1. Colouring (PARROT)2. Colouring (UTENSILS)3. Colouring (JUNGLE)4. Drawing : Insects5. Drawing : Leaves6. Craft: Thanksgiving Turkey7. Paper Craft : Hanging Paper Ball8. Drawing : Leaves9. Colouring : Bird10. Colouring : Village Scene	<ol style="list-style-type: none">1. African Mask2. Origami Craft3. Jute Bag Painting