

SAINIK SCHOOL PURULIA HOLIDAY HOME WORK PUJA VACATION:2026-27						
SL	CLASS	SUBJECT	MODEL	CHART	PAINTING	ASSIGNMENT& BOOK REVIEW
1	VI	ENGLISH	Class VI – English (Poorvi) Vacation Task1. Making Model- Any one of the followings : 1.A Bottle of Dew – miniature farm scene showing “Hard Work Brings Success. 2.”The Raven and the Fox – 3D tree with raven and fox, “Beware of Flattery.” 3.Neem Baba – small neem tree with labelled uses. 4.Spices That Heal Us – mini spice garden with 5–6 labelled spices.	Making chart- Any one of the followings : 1.Hard Work is Magic – Dream → Hard Work → Success. 2.Flattery vs Truth – genuine appreciation vs false praise. 3.Friendship Tree – qualities of a good friend on leaves. 4.The Neem Tree – Treasure – uses in health, environment, tradition. 5.Mini Spice Encyclopaedia – six spices, part used, one traditional use.	Draw 5 landscapes drawing with oil pastel colour.	Suggested Books for Review (10 options) 1.The Jungle Book – Rudyard Kipling 2.The Secret Garden – Frances Hodgson Burnett 3.Black Beauty – Anna Sewell 4.Heidi – Johanna Spyri 5.The Little Prince – Antoine de Saint-Exupéry 6.Alice’s Adventures in Wonderland – Lewis Carroll 7.Treasure Island - R.L. Stevenson The Railway Children – E. Nesbit Grandma’s8.Bag of Stories – Sudha Murty 9.The Blue Umbrella – Ruskin Bond 10..I Am Malala – Malala Yousafzai
		MATHEMATICS	https://drive.google.com/drive/folders/1PW8eekQHKeAMmP4jFpfExxJcCY3RzI6i?usp=drive_link DOWNLOAD THE WORK-SHEET FROM THE ABOVE LINK.	Solar system-angle and distance measurement.		Download from the link
		SCIENCE	1.Exploring Magnets – Prepare a model demonstrating the properties of magnet. 2.Create a short reel on any scientific concept, ensuring that all facts are accurate. You may use any AI tool of your choice for assistance. Upload the reel to YouTube using your parent’s account and send the video link to rockingphysics@gmail.com . rockingphysics@gmail.com	Units of Measurement Prepare a neat and colourful chart showing physical quantities, their SI units and symbols, with suitable examples and pictures.	Diversity in the Living World* – Prepare a project on the diversity of plants and animals with pictures and examples.	Mindful Eating: A Pathway to a Healthy Body – Write an assignment on balanced diet, nutrients and healthy eating habits.
		SOCIAL SCIENCE	(i) 3D Solar System (ii) Stone Age Tools & Weapons (iii) Three-tier Panchayati Raj System (iv)The Three Sectors of the Economy (The Activity Pyramid)	(i) Important Latitudes and Heat Zones (ii) Timeline of Indian History (iii) The Indus Valley City Layout (iv) Unity in Diversity (India) (v) The Journey of a Crop (Market Chain) (vi) Archaeological vs. Literary Sources	NA	NA
		HINDI(H)	NA	चार्ट पेपर पर “एक भारत श्रेष्ठ भारत ” विषय पर एक सुंदर एवं रंगीन पोस्टर बनाइए तथा पर्यावरण की रक्षा से संबंधित कोई दो प्रभावशाली नारे (Slogans) लिखिए। 2. भारतीय राष्ट्रीय गान की व्याख्या करते हुए चार्ट तैयार करें .	NA	कक्षा में अब तक पढ़ाए गए सभी पाठों एवं व्याकरण के विषयों का पुनरावर्तन करें तथा दिए गए अभ्यास-पत्र को पूर्ण करें। 2. पूजा की छुट्टी के अपने अनुभव 20 पृष्ठों में लिखें .

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		BENGALI(H)	Any one individual model ব্যাকরণের ভাগ্য চক্র তৈরী ব্যাকরণের লুডো চলমান পুতুল নাটক থিয়েটার চলমান চিত্রে অনুচ্ছেদ লিখন ত্রিমাত্রিক শব্দ ছক	পুজোর কয়েকটা দিন অথবা ছুটির সময়ের তোমার পরিবারের সঙ্গে সময় যাপনের কিছু ছবি সহ বর্ণনা।	NA	পাঠক্রম থেকে প্রতি অধ্যায়ের এটি সংক্ষিপ্ত ও (১ নম্বরের) ও সংক্ষিপ্ত প্রশ্নের (২/৩ নম্বরের) প্রশ্নে বিচিত্রা তৈরি।
		HINDI(L)	NA	स्वर और व्यंजन वर्णमाला लिखें साथ ही साथ अपने आस-पास प्रयोग की जाने वाले वस्तुओं के नाम और उनके चित्र बनाएँ (चार्ट पेपर में बनाएँ)		1. 05পৃষ্ঠা সুলেখ লিখें
		BENGALI(L)	NA	NA	Page number 12 to page no. 27 with exercise .	NA
		COMPUTER	Make the prototype model on Smart Traffic Light	Create the chart on AI In Our Daily Life	Make the poster colour painting on AI And The Future	NA
		WELL-BEING	Understanding Stereotypes vs. Prejudice •Part 1: Define and clearly distinguish between a stereotype and prejudice. • Part 2: Describe specific instances from your daily life, media consumption, or observations where you identified these behaviours in action.	Write the assignment in A4 page.	NA	NA
		Art & Craft	Bring any Craft work			
2	VII	ENGLISH	NA	Make a chart of idiomatic expressions.	Draw 5 landscapes drawing with oil pastel colour.	Read a book of your choice. Underline the unknown/difficult words. Write them down in copy, write their synonyms and make sentences with them.(For example-Born again on the mountain Arunima Sinha)
		MATHEMATICS	Subject Enrichment Activity -Make the models on 1. Angle Sum Property of a Triangle (PATEL and TAGORE HOUSE) 2. Exterior Angle Property of the Triangle (TILAK and CHITTARANJAN HOUSE)	Subject Enrichment Activity -Prepare a chart paper showing Fractions in daily life situations.	NA	Do the exercises of the Chapter- FRACTIONS.
		SCIENCE	1. Make a Model to show mechanism of Breathing. (refer Pg-130)	1.Make a chart of comparative diagrams showing the arrangement of the particles of Solid. Liquid & Gas with proper explanation. 2.Topic: Acids, Bases and Indicators Task: Prepare a neat and colourful chart on “Acid-Base Indicators”. Include the names of common natural and synthetic indicators, their colours in acidic and basic solutions, and suitable examples. Draw or paste relevant pictures to make your chart attractive and informative.	1) supportive diagram to bird respiratory system with Q.no 3 Assignments.	1)Write down the answers of all the questions of the exercise of the chapter, Pressure, Winds, Storms & Cyclones. 2) What is air quality and AQI? Find out the effect of air quality on the respiratory system of people working in various fields- farmers, factory workers, street vendors. 3) Both birds and mammals have lungs for breathing, but birds can fly at high altitudes where oxygen levels are low.How might their respiratory system be adapted to help them survive in such conditions?
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		SOCIAL SCIENCE	(i) Himalayan Folding & Physical Landforms (ii) The Structure of a Preamble & Rights Box (iii) Evolution of Currency Tree (iv) Sanchi Stupa - Ancient Architecture	(i) Climatic Zones of India (ii) Chronological Tapestry of Early Kingdoms (iii) Monarchy vs. Democracy (iv) Digital Finance vs. The Barter System (v) Infrastructure and Daily Life (vi) Sacred Landscapes & Cultural Spaces (vii) Atmospheric Layers & Weather Elements	NA	NA
		HINDI(H)	NA	1. चार्टपेपरपर“पर्यावरणसंरक्षण” विषयपरएकसुंदरएवंरंगीनपोस्टरबनाइएतथापर्यावरणकीरक्षासेसं बंधितकोईदोप्रभावशालीनारे (Slogans) लिखिए। 2.“भारतीय शास्त्रीय नृत्य” विषय पर एक रंगीन चार्ट बनाइए। किसी एक शास्त्रीय नृत्य कानाम, उसकी विशेषताएँ, वेशभूषा और किसी प्रसिद्ध कलाकारके बारे में संक्षेप में लिखिए तथा संबंधितचित्र भी लगाइए।	NA	1. कक्षा में अब तक पढ़ाए गए सभी पाठों एवं व्याकरण के विषयों का पुनरावर्तन करें तथा दिए गए अभ्यास-पत्र को पूर्ण करें। 2. 15 पृष्ठ सुलेख लिखें ।
		BENGALI(H)	Any one individual model ব্যাকরণের ভাগ্য চক্র তৈরী ব্যাকরণের লুডো চলমান পুতুল নাটক থিয়েটার চলমান চিত্রে অনুচ্ছেদ লিখন ত্রিমাত্রিক শব্দ ছক	পুজোর কয়েকটা দিন অথবা ছুটির সময়ের তোমার পরিবারের সঙ্গে সময় যাপনের কিছু ছবি সহ বর্ণনা।	NA	পাঠক্রম থেকে প্রতি অধ্যায়ের এটি সংক্ষিপ্ত ও (১ নম্বরের) ও সংক্ষিপ্ত প্রশ্নের (২/৩ নম্বরের) প্রশ্নে বিচিত্রা তৈরি।
		HINDI(L)	NA	1. अपने परिवार का एक सुंदर चित्र बनाइए या फोटो लगाइए और परिवार के बारे में 5-6 वाक्यलिखिए।	NA	1. 10पृष्ठ सुलेख लिखें ।
		BENGALI(L)	NA	আপনারঅঞ্চলেরপ্রধানসাহিত্যিক, কবিএবংভাষা, সাহিত্যওসংস্কৃতিতেপ্রশংসনীয়অবদানরাখামহানব্যক্তি ত্বদেরসম্পর্কেতথ্যসংগ্রহকরুনএবংতাদেরবিষয়েলিখুন ।	NA	বার্ষিক পরীক্ষার পাঠগুলির অভ্যাস লিখে ও পড়ে করো
		COMPUTER	Make the prototype model on AI-Based Smart Home	Create the chart on Applications Of AI	Make the digital Painting on The Future With AI	NA
		Well-being	1. Make a mind map on any given topic: • Communication • Change- Growth- Evolution • Conflict Resolution & Bullying 2. Create a one-page psychology poster on any ONE topic: • Managing anger • Handling failure • Self-confidence • Decision-making • Seeking help	Write the assignment in A4 page.	NA	NA
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		Art & Craft	Bring any Craft work			
3	VIII	ENGLISH	Create a small, portable 3D tabletop model of an amusement park where each ride represents a figure of speech.	Make a chart of Clause and types of Sentences.	Draw 5 landscapes drawing with oil pastel colour.	Read a book of your choice. Underline the unknown/difficult words. Write them down in copy, write their synonyms and make sentences with them.
		MATHEMATIC S	Working model: Write in details: (a) concept (b) materials required (c) How it Works.(Any one topic) 1) Visually proving $(x+y)^2 = x^2+2xy+y^2$ 2) Angle sum property for triangle. 3) Pythagoras theorem.	MAKE A CHART "Math Times" Newspaper Overview: An individual hand-written and hand-illustrated math newspaper connecting mathematics to daily life, history, art, and sports. Guidelines & Instructions: ➤ Name & Roll Number: Must be clearly written on the Top Right Corner. ➤ Visuals: Printed images/photos may be pasted to create a vibrant, 3D-like touch	NA	NA
		SCIENCE	1.Agripreneur startup challenge – conceptualize and design a sustainable agribusiness. 2.To understand the practical applications of scientific principles by preparing one working model based on any ONE of the following topics: 1. Application of Reflection of light 2. Magnets and electricity 3. Pulleys 4. Force and pressure. 5. Engineering Structures .	1.Make a chart of comparative diagrams showing the arrangement of the particles of Solid. Liquid & Gas with proper explanation.	Draw the diagram of a complete flower and label its various parts.	Write down the answers of all the questions of the exercise of the chapter, Pressure, Winds, Storms & Cyclones.
		SOCIAL SCIENCE	(i) The Maratha Hill Fort & Defensive Wall (ii) The Parliamentary House Floor Layout (iii) The Four Factors of Production Grid (iv) Soil Layer Profiling ASSIGNED AS PER CLASS DISCUSSION.	(i) Classification of Natural Resources (ii) The Evolution of the Indian National Movement (iii) Fundamental Rights Enshrined in the Indian Constitution (iv) Modern Cashless Digital Infrastructure (v) How a Bill Becomes a Law (Legislative Process) Political Shifts in the 18th Century. of Political Shifts (18th Century) (vi)The 1857 Uprising Centres and Key Leaders ASSIGNED AS PER CLASS DISCUSSION.	NA	
		HINDI(H)	NA	किन्ही ३ प्रशिद्ध राष्ट्रीय प्रेम सम्बन्धी कविता पर चित्र सहित चार्ट तैयार करें .	NA	औपचारिक पत्र 5, सूचना लेखन 5, अनुच्छेद लेखन 5, पढाए गए पाठ की पुनरावृत्ति, मुहावरें .
		BENGALI(H)	Any one individual model ব্যাকরণের ভাগ্য চক্র তৈরী ব্যাকরণের লুডো চলমান পুতুল নাটক থিয়েটার চলমান চিত্রে অনুচ্ছেদ লিখন ত্রিমাত্রিক শব্দ ছক	পুজোর কয়েকটা দিন অথবা ছুটির সময়ের তোমার পরিবারের সঙ্গে সময় যাপনের কিছু ছবি সহ বর্ণনা।	NA	পাঠক্রম থেকে প্রতি অধ্যায়ের এটি সংক্ষিপ্ত ও (১ নম্বরের) ও সংক্ষিপ্ত প্রশ্নের (২/৩ নম্বরের) প্রশ্নে বিচিত্রা তৈরি।
		HINDI(L)	NA	किसी एक राज्य के ऊपर चार्ट तैयार करें .	NA	१५ पृष्ठ सुलेख .
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		BENGALI(L)	"মোটাবুদ্ধি" কবিতাথেকে " ছবিটানে" পর্যন্ত (Page 38 to page 73) প্রতিটি পাঠ্য একটি খাতায় লিখবে। মাস্টার দা পর্যন্ত অনুশীলনীর উত্তর গুলি লিখে আনতে হবে • প্রকল্প রূপায়ণ- 1. মাস্টার দা সূর্য সেন 2. নেতাজি সুভাষ চন্দ্র বোস 3. সর্দার বল্লভ ভাই প্যাটেল/রবীন্দ্রনাথ ঠাকুর /বালগঙ্গাধর তিলক / চিত্তরঞ্জন দাস	NA	NA	NA
		COMPUTER	Make a prototype model on AI-Based Smart Agriculture	Create the Chart on AI: From Data To Decision	Make the acrylic Painting on AI And A Sustainable Future	NA
		Well-being	Share a real-life experience in your vacation where you put Factor – II <u>Social Adjustment</u> 5. Social Adaptability 6. Co-Operation 7. Sense of Responsibility Factor – III <u>Social Effectiveness</u> 8. Initiative 9. Self Confidence 10. Speed of Decision 11. Ability to Influence these OLQS into practice.	Write the assignment in A4 page.	NA	NA
		Art & Craft	Bring any Craft work	NA	NA	NA
4	IX	ENGLISH NOTE: Each student must complete at least one Model OR one Chart and one Book Review. For the Book Review, they must submit the hard copy of the book along with their written review.	Class IX – English (Kaveri) Vacation Task1 Models (3–4 examples) How I Taught My Grandmother to Read – Grandmother learning with child. Bharat Our Land – India map with cultural symbols. The Pot Maker – Clay pot with Labelled Tools. Canvas of Soil – Soil Layers with crops. .	Charts (4–5 examples) 1. Education Empowerment – literacy cycle. 2. Unity in Diversity – India’s cultural strengths. 3. Skill and Perseverance – steps of pot making. 4. Soil Supports Life – uses of soil. Dream → Effort → Achievement – ladder chart of ambitions.	NA	Suggested Books for Review 1. Wings of Fire – A.P.J. Abdul Kalam 2. The Story of My Life – Helen Keller 3. My Experiments with Truth – Mahatma Gandhi 4. Ignited Minds – A.P.J. Abdul Kalam 5. Long Walk to Freedom – Nelson Mandela 6. I Am Malala – Malala Yousafzai 7. Malgudi Days – R.K. Narayan 8. Wise and Otherwise – Sudha Murty 9. The Room on the Roof – Ruskin Bond 10. Swami and Friends – R.K. Narayan each student completes one Model or one Chart, and one Book Review.  For the Book Review, students must submit the hard copy of the book along with their written review.

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		MATHEMATICS	Model making is divided into following five groups: PT- To show the theorems of circles using circular Geoboard. TG- A wooden or acrylic geometric breakdown puzzle that physically proves the identity $(a+b)^3$ and $(a+b+c)^2$. TL- To make a working wooden model that proves the area of a circle ($A = \pi r^2$) by cutting a wooden circle into equal sectors and rearranging them into a rectangle-like shape. CH- Squaring a rectangle with same area. GIRLS- The LED "Angle Properties of Circles" Theorem Board.	To derive Heron's Formula.	NA	To solve the problems of following chapters: Ch-6 Measuring Space: Perimeter and Area Ch-7- The Mathematics of Maybe: Introduction to Probability.
		SCIENCE	1. Prepare miniature models on four types of joints in human body. 2. To understand the practical applications of scientific principles by preparing one working model based on any ONE of the following topics: 1. Application of Reflection of Sound 2. Levers 3. Pulleys 4. Cantilever Structures 5. Engineering Structures (Bridges, Towers, etc.	Make a diagram related to the separation of the mixture of Acetone & Water by the process of Distillation with proper labelling in a Chart Paper.	Make a diagram of Nervous tissue (neurone) and label the various parts.	1) Write down the answers of all the questions of the chapter, Separation Of Mixtures Into Their Components from the Exercise. 2) Complete the exercise of Tissue In Action chapter.
		SOCIAL SCIENCE	(i) Rainwater Harvesting (ii) Flood Alert System (iii) Global Warming and its impact (iv) Major soils of India (v) Vertical layers of Atmosphere (vi) Palaeolithic, Mesolithic and Neolithic period (vii) Electronic Voting Machine (EVM) (viii) 3d Pyramid of Judiciary structures of India (ix) UNESCO sites of India (x) GI tag products of West Bengal	(i) Major South Indian temples and its architectural features (ii) Tera Cota temples of West Bengal (iii) Different types of agricultures (iv) On the outline map of India, mark and label the 16 Mahajanapadas (v) Major freedom fighters of India (vi) Three tier of Government in India Project (i) Harapan blue print vs modern smart city (ii) Farms to start up – The agriculture – Entrepreneurship journey (iii) Climate adaption strategy for coastal/mountain ecosystem	NA	NA
		HINDI(H)	NA	‘प्रकृति’, ‘देशप्रेम’, ‘मानवता’ अथवा ‘बाल जीवन’ में से किसी एक विषय पर एक स्वरचित कविता लिखिए तथा उसे चित्रों से सजाइए।	NA	1. अवकाश के दौरान प्रतिदिन निम्नलिखित कार्य करें— एक पृष्ठ सुलेख लिखें। किसी एक विषय पर एक अनुच्छेद लिखें। एक अनौपचारिक पत्र लिखने का अभ्यास करें। निर्देश: सभी कार्य दिनांक डालकर क्रमबद्ध रूप से एक अलग लेखन पुस्तिका में करें। इस प्रकार कुल 35 पृष्ठों का कार्य पूरा करें। 2. किसी एक हिंदी कहानी, जीवनी अथवा प्रेरक प्रसंग को पढ़िए और उसका सारांश लगभग 150 शब्दों में लिखिए। साथ ही लिखिए कि उस रचना से आपको क्या सीख मिली।

SL	CLASS	SUBJECT	MODEL	CHART	PAINTING	ASSIGNMENT& BOOK REVIEW
		BENGALI(H)	Any one individual model ব্যাকরণের ভাগ্য চক্র তৈরী চলমান পুতুল নাটক থিয়েটার ব্যাকরণের ত্রিমাত্রিক ছবি	পূজোর কয়েকটা দিন অথবা ছুটির সময়ের তোমার পরিবারের সঙ্গে সময় যাপনের কিছু ছবি সহ বর্ণনা।	NA	পাঠক্রম থেকে প্রতি অধ্যায়ের এটি সংক্ষিপ্ত ও (১ নম্বরের) ও সংক্ষিপ্ত প্রশ্নের (২/৩ নম্বরের) প্রশ্নে বিচিত্রা তৈরি।
		HINDI(L)	NA	1. अपने स्थानीय क्षेत्र की सांस्कृतिक परंपराओं, प्रमुख त्योहारों तथा सामुदायिक जीवन के विविध आयामों पर एक विस्तृत आलेख तैयार कीजिए। 2. अपने क्षेत्र के प्रमुख साहित्यकारों, कवियों एवं भाषा, साहित्य व संस्कृति के में सराहनीय योगदान देने वाली महान विभूतियों के विषय में जानकारी संकलित करें और उनके विषय में लिखें।	NA	1. 5 पृष्ठ सुलेख लिखें
		BENGALI(L)	NA	১. স্থানীয় এলাকার সাংস্কৃতিক ঐতিহ্য, প্রধান উৎসব এবং সাম্প্রদায়িক জীবনের বিভিন্ন দিক নিয়ে একটি বিস্তারিত প্রতিবেদন বা আলোচ্য প্রস্তুত কর।OR ২. স্থানীয় এলাকার প্রধান সাহিত্যিক, কবি এবং ভাষা, সাহিত্য ও সংস্কৃতিতে প্রশংসনীয় অবদান রাখা মহান ব্যক্তিদের সম্পর্কে তথ্য সংগ্রহ কর এবং তাঁদের বিষয়ে লেখ।	NA	NA
		IT(402)	Make a prototype model on Smart City Using Information Technology	Create the chart on Cyber Safety Rules	Make a collage painting on Digital India: Connecting The Future	NA
5	X	ENGLISH	Make a model to showcase the unique landscapes/key themes reflected throughout the Lessons <i>Glimpses of India/ A Letter to God.</i>	Make a chart on phrase and Clause/determiners/modals/tense.	NA	Read at least two books of your choice and write book reviews on them.
		MATHEMATICS	Make the following models (SUBJECT ENRICHMENT ACTIVITY) a) Arithmetic Progression in a Staircase – PATEL HOUSE b) A City designed using Coordinate Geometry- TAGORE HOUSE c) Measuring Heights without climbing (Heights and Distances)- TILAK HOUSE d) Probability : Spinner – CHITTARANJAN HOUSE	SUBJECT ENRICHMENT ACTIVITY: To find the height of a building using a clinometer.	NA	Solve three years CBSE SAMPLE SETS (2025,2026,2027)
		SCIENCE	Electricity Prepare a working model demonstrating an electric circuit using a cell, switch, bulb and connecting wires. Label all components neatly.	Make a series of Reactivities of Metals on a Chart Paper explaining all of its features.	NA	Write down the answers of all the questions of the Exercise of the chapter, Acids, Bases & Salts.

SL	CLASS	SUBJECT	MODEL	CHART	PAINTING	ASSIGNMENT& BOOK REVIEW													
		SOCIAL SCIENCE	Subject Enrichment cum interdisciplinary project as per the CBSE guidelines - (i) Challenges and opportunities of sustainable development. (ii) Urban plastic pollution and waste management. (iii) Deforestation and indigenous communities (iv) Water scarcity and local conflicts (v) Agrarian distress and rural indebtedness (vi) Right to Information Act 2005 and its relevance (vii) Poverty and mitigations mechanism (viii) Ecommerce and consumer protection in preview of Consumer Protection Act 1986 (ix) Misleading advertainments and exploitation of consumers (COPRA Act 1986) (x) Self-help group and rural women empowerment	Subject Enrichment cum interdisciplinary project as per the CBSE guidelines	NA	NA													
		HINDI (H)	NA	हिंदी में राष्ट्रीय गान एवं राष्ट्रीय गीत की व्याख्या करते हुए चार्ट तैयार करें .	NA	२०२६,२०२५,२०२४ के सीबीएसई के प्रश्न पत्रों को एक अलग पुस्तिका में हल कर के लिखें . अध्यापिका द्वारा दी गई सामग्री - मुहावरें , प्रश्न उत्तर लिख कर यद् करें , प्रतेक दिन 1 पत्र ल्खन , 1 सूचना, 1 अनुच्छेद , 1 विज्ञापन 1 ई मेल लिखें (कोई 20 दिन)													
		BENGALI (H)	Any one individual model ব্যাকরণের ভাগ্য চক্র তৈরী ব্যাকরণের ত্রিমাত্রিক ছবি চলমান পুতুল নাটক থিয়েটার চলমান চিত্রে অনুচ্ছেদ লিখন	পূজোর কয়েকটা দিন অথবা ছুটির সময়ের তোমার পরিবারের সঙ্গে সময় যাপনের কিছু ছবি সহ বর্ণনা।	NA	পাঠক্রম থেকে প্রতি অধ্যায়ের এটি সংক্ষিপ্ত ও (১ নম্বরের) ও সংক্ষিপ্ত প্রশ্নের (২/৩ নম্বরের) প্রশ্নে বিচিত্রা তৈরি।													
		IT(402)	Create House Hold Grocery Database	Create the Chart on Anatomy of a Database	Create the collage Painting on THE WORLD OF DATA	NA													
6	XI	ENGLISH	Select any one story/poem from your class XI English syllabus and create a creative three-dimensional model representing its central themes.	Design a poster on any one of the following topics: 1) Gender Equality 2) Clean India, Green India 3) Responsible Use of Social Media 4) Energy Conservation	NA	Read a book of your choice from the genres Autobiography, Defence or Security and write a book review.													
		MATHEMATIC S	Model on Parabola, Ellipse and Hyperbola	Euclid’s geometry to 3-d geometry Pascal triangle on Binomial theorem The graphs of trigonometric functions	NA	<u>NDA PYQs PRACTICE:</u> 1) BINOMIAL THEOREM(20 QUESTIONS) 2) SEQUENCE AND SERIES (20 QUESTIONS) 3)STRAIGHT LINE (20 QUESTIONS) 4)CIRCLE & PARABOLA (20 QUESTIONS)													
		PHYSICS	<table><tr><th>Sl. No.</th><th>Roll No.</th><th>Name</th><th>Ta0sk</th></tr><tr><td>1</td><td>5414</td><td>Anuska</td><td>Make a spider robot using motor and gears. (Do not use Arduino or any other precision sensors and modules.)</td></tr><tr><td>2</td><td>5433</td><td>Kaushal</td><td>Make a robot climbing a ladder using motor and gears. (Do not use any precision sensors and modules.)</td></tr></table>	Sl. No.	Roll No.	Name	Ta0sk	1	5414	Anuska	Make a spider robot using motor and gears. (Do not use Arduino or any other precision sensors and modules.)	2	5433	Kaushal	Make a robot climbing a ladder using motor and gears. (Do not use any precision sensors and modules.)				NCERT Exercise questions from chapter 1 to 5
Sl. No.	Roll No.	Name	Ta0sk																
1	5414	Anuska	Make a spider robot using motor and gears. (Do not use Arduino or any other precision sensors and modules.)																
2	5433	Kaushal	Make a robot climbing a ladder using motor and gears. (Do not use any precision sensors and modules.)																

			3	5434	Debjit Maji	Make a projectile launcher using household waste materials to prove that the horizontal range $R = \frac{u^2 \sin 2\theta}{g}$.	
			4	5447	Sajan Roka	Make an inclined plane friction model to show that friction depends on the surfaces, not the area of contact.	
			5	5460	Diganta Parui	Make a bimetallic strip thermostat to compare different expansion coefficients. Also use it to switch on a light.	
			6	5470	Abhinaman	Make one automatic school bell system.	
			7	5476	Ranvir	Make one touchless doorbell.	
			8	5445	Rajkumar Gorain	Make a temperature based touchless attendance system.	
			9	5448	Bikram	Make a smart walking stick for blind persons.	
			10	5476	Sahil	Make a smart medicine box / dispenser system for old persons.	
			11	5477	Ankit Kumar	Make a foot-operated door opening mechanism for restaurant kitchens.	
			12	5485	Aneek Kundu	Make a small solar cooker to cook noodles in your hostel.	
			13	5429	Aditya Kumar	Make a smart streetlight.	
			14	5363	Shivam Roy	Make a 12 V simple touch-on and touch-off switch circuit.	
			15	5806	Swarnendu Ghosh	Make one automatic liquid handwash dispenser system for your school toilet.	
			16	5408	Bhavesha	Make an anti-earthquake bed.	
			17	5456	Priyanshu Mondal	Make a powerful vacuum cleaner to clean your living area in hostel using waste materials.	
			18	5466	Rishav Raj	Make an automatic smart window for houses (sensitive to rain and sunlight).	
			19	5457	Ankan Misra	Make a Kisan Mitra stick to avoid snake bite while working in the fields.	
			20	5848	Gopal Sardar	Make an automatic fire extinguisher without using Arduino or any other precision modules.	
			21	5808	Pemba	Make one automatic water tank on/off system.	
			22	5823	Pujan Roy	Make a simple flower pot water alarm system.	
			Sl. No.	Roll No.	Name	Task	
			1	5809	Monty Mahato	Make one automatic plant watering system.	
			2	5831	Thoti Benhur	Make one border intrusion detection system.	
			3	5442	Sneha Malik	Make one women safety purse or bag without using any precision module.	
			4	5867	Joy Bhadra	Make a smart soldier location and health tracker.	
			5	5461	Manas Singh Parihar	Seismic footstep border intrusion alarm.	
			6	5453	Titash	Wireless landmine detection alarm.	
			7	5869	Himanshu Singh	Li-Fi tactical communication link.	
			8	5845	Nikhil Kumar Singh	Automated coilgun / Gauss rifle model.	
			9	5429	Aditya Kumar	Smart hydraulic bridge for military vehicles.	
			10	5451	Siraditya	Make an autonomous obstacle-avoiding rover.	
			11	5435	Arindam Murmu	Make a bridge rectifier.	
			12	5483	Saksham Prasad	Make a robotic arm.	

			13	5488	Pranab Gorain	Anti-burglar system.	
			14	5487	Ashutosh Gupta	Automated floriculture greenhouse.	
			15	5486	Bhabaraj Das	Self-sustainable house.	
			16	5481	Manjush Dey	Fire alarm.	
			17	5455	Saiket Patra	Automated intravenous (IV) fluid drip rate monitor.	
			18	5465	Ankit Kumar	Laser-based cataract detection model.	
			19	5868	Ankush	Endoscope simulation using optical fibres (total internal reflection).	
			20	5853	Arion Dey Majumder	Piezoelectric respiratory rate sensor and energy harvester.	
			21	5444	Bibekananda Mahato	Automated smart wheelchair collision avoidance system.	
			22	5410	Pratiha Mahato	Thermistor-based infant incubator temperature controller.	
			23	5459	Debraj Mondal	Wireless power transfer for medical implants.	
			24	5462	Aryan Gupta	Electrostatic air purifier for medical clean rooms.	
			25	5480	Ishan Das	Corrective lenses and eye defect simulation (myopia and hypermetropia).	
			26	5482	Prince Sarkar	Liquid level alarm for medical drainage bags.	
			27	5469	Anurag Kumar	Measuring fluid concentration using a homemade refractometer.	
		CHEMISTRY	1. Solve the Assignment papers. https://drive.google.com/drive/folders/1aya2vqn6H3mr4eJjggz_Div5zwY9rpbE 2. Update the Lab Note book. 3. Make Formula Sheet of the Units already covered. https://drive.google.com/drive/folders/1N6y5mrRByWBGUpXcWGrMPjat69RUicPg 4. Solve NCERT Exercise & intext questions of Units. https://drive.google.com/drive/folders/1_jSvlfM34_y6SEmXzO2w4GX00PARjeb- 5. Make necessary correction of your Investigatory Project work.				
		BIOLOGY	Investigatory Project on the Topic Allocated along with MODEL		NA	NA	NA
		COMPUTER	A.WRITE DOWN THE BELLOW CODS USING PYTHON LANGUAGE: 1.EVEN-ODD CHECKER 2.LARGEST OF 3 NUMBER 3.LEEP YEAR CHECKER 4.CALCULATOR MENU 5.GRADE CALCULATOR 6.MULTIPLICATION TABLE USING LOOP 7.SUM OF n NATURAL NUMBER 8.FACTORIAL OF A NUMBER 9.FIBONACCI SERIES 10.PALINDROME CHECKER 11.SKIP MULTIPLE OF 3 12.PASSWORD CHECKER		NA	NA	NA
7	XII	ENGLISH	A Character's Suitcase Make a small, handmade suitcase containing 8-10 objects representing a character. Each object must have a small explanatory card explaining the significance of the object and what it represents.		NA	NA	1) Solve the CBSE board examination question papers for the year 2025 and 2026) 2) Read a book of your choice from the genres Autobiography, Defence or Security and write a book review.
		MATHEMATIC S	NA		NA	NA	Solve the CBSE board examination question papers for the year 2025 and 2026)

SL	CLASS	SUBJECT	MODEL	CHART	PAINTING	ASSIGNMENT& BOOK REVIEW
		PHYSICS	1. 5341 Simple DC Motor 2. 5348 Electromagnetic Induction and a Simple AC Generator 3. 5352 Step-up and Step-down Transformer Model 4. 5358 Half-wave and Full-wave Rectifier 5. 5362 Solar Cell Characteristics and Solar Charger 6. 5734 Automatic Street Light Using an LDR 7. 5366 Ohm's Law and Resistivity of Different Materials 8. 5367 Internal Resistance of a Cell Using a Potentiometer 9. 5376 Resistance of a Wire Using a Metre Bridge 10. 5379 Refractive Index of Liquids 11. 5385 Total Internal Reflection and Optical Fibre Model 12. 5386 Simple Astronomical Telescope 13. 5387 Compound Microscope Model 14. 5388 Prism: Refractive Index and Dispersion of Light 15. 5390 Wavelength of Light Using Young's Double Slit or Diffraction Grating 16. 5396 Polarisation of Light Using Polaroids 17. 5395 Planck's Constant Using LEDs 18. 5397 Zener Diode as a Voltage Regulator 19. 5399 Transistor Characteristics and Use as a Switch/Amplifier 20. 5401 Logic Gates Using Diodes, Transistors or ICs 21. 5404 Conversion of a Galvanometer into an Ammeter and Voltmeter 22. 5676 Horizontal Component of Earth's Magnetic Field 23. 5702 LCR Series Resonance Circuit	NA	NA	NA
		CHEMISTRY	Investigatory Project: Investigatory Projects are part of obligatory assignment to be submitted at the end of the year for the partial fulfilment of the course as outlined by the curriculum guidelines by the CBSE 2026-27. You are required to prepare a investigatory project file on the topic already given to you and submit the printed report in A4 size papers in a spiral bounded format. Work should be done in a neat manner with a scientific approach. The project will be done and presented in this order ▪ Cover page showing project title, student information, school and year ▪ Acknowledgement & Certificate ▪ Objectives/Introduction ▪ Materials required ▪ Method ▪ Result ▪ Analysis & Interpretation ▪ Discussion ,Conclusion & References. For references : https://drive.google.com/drive/folders/1UZic2_WiiBP0qCNBxrsWNbKYZS6UGc2o	NA	NA	NA
		BIOLOGY	Investigatory Project on the Topic Allocated along with MODEL	NA	NA	NA
		COMPUTER	COMPLETE THE GIVEN CODES AND PRACTICAL COPY.	NA	NA	NA

