



DAYAWATI MODI PUBLIC SCHOOL, CHANDIL

Syllabus

Session:-2023-2024

Class 9

SUBJECT- INFORMATION TECHNOLOGY (402)

Months	Days	Topic
April	23	PART A CHAPTER 1 : Communication Skills-I PART B CHAPTER 1 : Introduction to IT- ITeS industry
May	09	PART B CHAPTER 2 : Data Entry & Keyboarding Skills
June	15	PART A CHAPTER 2 : Self-Management Skills-I PART B CHAPTER 3 : Digital Documentation
July	24	PART A CHAPTER 3 : ICT Skills-I PART B CHAPTER 3 : Digital Documentation
August	25	PART A CHAPTER 4: Entrepreneurial Skills-I PART B CHAPTER 4:Electronic Spreadsheet
Sep	15	PART B CHAPTER 4: Electronic Spreadsheet
Oct	17	PART A CHAPTER 5 : Green Skills-I PART B CHAPTER 4 : Electronic Spreadsheet
Nov	22	PART B CHAPTER 5 : Digital Presentation
Dec	19	PART B CHAPTER 5 :Digital Presentation
Jan	25	REVISION
Feb	21	



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Session:-2023-2024

Class - 9 Sub :- History

Months	Days	Topic
Aprii	23	French Revolution
May	09	French Revolution
June	15	Russian Revolution
July	24	Russian Revolution
August	25	Nazism and the Rise of Hilter
Sep	15	Nazism and the Rise of Hilter
Oct	17	Pastoralist in the modern world
November	22	Pastoralist in the modern world
December	19	Forest society and colonialism
January	25	Forest society and colonialism
February	21	Revision

Note:- As per as CBSE, project will be given

Syllabus

Session:-2023-2024

Class:- IX

Subject : Chemistry

Subject Teacher:Niyati Rani Mahato

Name of Book:- New Millennium Chemistry

Month	Working Days	Lesson	Art integrated Project
April	23	Chapter -1 Matter in our Surroundings •Introduction ,physical nature of matter , characteristics of particle of matter, States of matter , can matter change in its state, evaporation. •Practicals.	1.Demonstration of three states of matter in 2D and 3D Model. Draw the mind map of chapter 1.
May	9	Chapter-2 Is matter Around us Pure? Introduction , your substances and mixtures.	1..Draw the flow chart of classification of matter in chart paper.
June	15	Chapter-2 Is matter around us pure? Physical and chemical changes ,solutions suspension, colloids or Colloidal Solutions .•Practicals	Distinguish the type of colloidal solutions according to their disperse phase and dispersion medium with example .Demonstrate in chart paper.
July	24	Chapter-2 Is matter around us pure? Separation of components of a mixture chapter -3 atoms and molecules Introduction ,law of chemical combination ,atoms, what is molecules . Practicals.	State and explain the activities that we have done during classes. Draw the mind map of chapter 2.
August	25	Revision of chapter 1&2. Practicals.	

September	15	Revision and HY Exam	
October	17	Chapter -3 atoms and molecules. molecular mass and formula mass, chemical formula, gram atomic mass and gram molecular mass, mole concept. •Practicals	Make a chart of monovalent divalent trivalent cations and anions. Make 3D models of different molecules.
November	22	Chapter 4 structure of atom • introduction, charge particle in matter, discovery of the electron cathode rays, discovery of proton anode rays, Thomson model of atom, Rutherford Model of atom, discovery of neutron. Practicals.	Draw the mind map of ch-3. Make a chart of different chemical formula.
December	19	Chapter 4 structure of atom • Atomic number and mass number ,Bohr's model of atom ,how are electron distributed in different orbits, isotopes isobar, valence electron and valency. Practicals.	J.J Thomson ,Rutherford and Bohr's atomic model in 3D shapes. Draw the mind map of chapter-4
January	25	Revision of chapter-3&4 Practicals.	
February	21	Revision of all chapters.	



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Session:-2023-2024

Class-9

Subject-Democratic Politics I

Subject Teacher-Paromita Adhikary

Name of months	Working Days	Chapter / Lesson Name	Activity / Project
April	23	What is democracy? Why democracy?	Find out the total number of eligible voters in your assembly constituency and your parliamentary constituency.
May	09	Same as April	Find out how many people can fit into the largest stadium in your area.
June	15	Constitutional design	Make a poster on the life and struggle of Nelson Mandela
July	24	Same as June	Speak to your grandparents or some other elders in your locality ask them if they have any memory of partition or independent or the making of the constitution what were the fears and hopes about the country at that time
August	25	Electoral politics	Prepare a list of election campaign in your constituency in the last lok sabha elections write down the name of the candidates and parties.
September	15	Same as August	Ask eligible voters in your family whether they voted in the last election to the lok sabha or to the state assembly if they did not ask them why did they not vote if they did ask them which party and candidate they voted for and why
October	17	Working of institutions	Can you think of a major decision made by your state government how were the governor the council of ministers the state assembly and the courts involved in the decision.
November	22	Same as October	In the parliament is in session there is a special program everyday on Doordarshan about the proceedings in lok sabha rajya sabha was the proceedings or read about it in the newspapers and not the following powers of the two houses of parliament role of the speaker role of the position
December	19	Democratic rights	Do you know what the minimum wages in your state are? If not can you find out?

January	25	Same as December	Is there a State human rights Commission in your state find out about its activities.
February	21	Revision	Revision

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Session:-2023-2024

Class : IX

Subject: Economics

Subject Teacher: Pinky Kumari Saw

Name of Book :- NCERT

Month	Working Days	Lesson	Learning Outcomes
April	23	Chapter 1 The Story of Village Palampur	After going through this unit the student would be able to : . Understand the basic concept of Farming and Production . Organisation of Production . Farming and Non – Farming Methods in Palampur . Types of Capital . Modern Farming Methods
May	09	Chapter 2 People As Resource	. Understand the concept of Economics Activities . Describe Three Sectors of the Economy. . Meaning of Employment and Unemployment . Causes Of unemployment. Types of Unemployment

June	15	Chapter 3 Poverty As A Challenge	<ul style="list-style-type: none"> ☑ Understand the dimensions of poverty , poverty line . Concept of Global and National trends in poverty . Causes of poverty . Describe Global poverty trends . Interstate disparities of poverty in India.
July	24	Chapter 4 Food Security in India	<ul style="list-style-type: none"> . Understand the concept of food security .PDS . Differentiate between seasonal and chronic hunger . Food Security in India . National Food security Act 2013 . Meaning of Buffer stock , FCI , Minimum support price, Issue price , Fair price shops . Role of cooperatives in food security
August			
September			
October			

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Session:-2023-2024

Class:- 9

Subject : Physics

Subject Teacher: Soubhik Goswami

Name of Book:- New Millennium

Month	Working Days	Lesson	Art integrated Project
April	23	Chapter – 8 Motion Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straightline; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion,	1. Make a chart with all the graphs of equations of motion and write two examples of each.
May	9	derivation of equations of motion by graphical method; elementary idea of uniform circular motion.	
June	15	Chapter – 9 Force and Laws of Motion Force and Newton's laws: Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass,	
July	24	Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Elementary idea of conservation of momentum.	1. Make a power point presentation on the topics Newton's laws of motion The Ppt must contain all the laws and related examples. Conservation of momentum and examples which work on this principle.
Aug	25	Chapter – 10 Gravitation Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.	1. Make a comparison chart on Mass and Weight.
Sep	15	Revision and half yearly exam.	

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Session:-2023-2024

Class:- 9

Subject : Physics

Subject Teacher: Soubhik Goswami

Name of Book:- New Millennium

Month	Working Days	Lesson	Art Integrated Project
April	23	Chapter – 8 Motion Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straightline; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion,	1. Make a chart with all the graphs of equations of motion and write two examples of each.
May	9	derivation of equations of motion by graphical method; elementary idea of uniform circular motion.	
June	15	Chapter – 9 Force and Laws of Motion Force and Newton's laws: Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass,	
July	24	Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Elementary idea of conservation of momentum.	1. Make a power point presentation on the topics Newton's laws of motion The Ppt must contain all the laws and related examples. Conservation of momentum and examples which work on this principle.
Aug	25	Chapter – 10 Gravitation Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.	1. Make a comparison chart on Mass and Weight.
Sep	15	Revision and half yearly exam.	

Oct	17	<p>Chapter – 11 Work and Energy</p> <p>Work, energy and power: Work done by a Force, Energy, power; Kinetic and Potential energy.</p>	<p>1. Give examples of Kinetic and Potential energy and discuss the transformation of energy in both cases.</p>
Nov	22	<p>Continuation of work power and energy. Law of conservation of energy Transformation of energy.</p>	
Dec	19	<p>Sound:</p> <p>Nature of sound and its propagation in various media, speed of sound, range of hearing in humans;</p>	<p>1. Make a musical instrument which can produce sound of different pitch and amplitude.</p>
Jan	25	<p>ultrasound, reflection of sound, echo and SONAR. Structure of the Human Ear (Auditory aspect only).</p>	
Feb	21	<p>Revision of all Chapters.</p>	



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Session: 2023-2024..

Class:- 9

Subject :Hindi

SubjectTeacher: Anamika

Name of Book:- 1. क्षितिज ,व्याकरण ,कृतिका

Month	Working Days	Lesson	Art integrated Project
April	23	क्षितिज पाठ दो बैलों की कथा साखियाँ सबद 1 व्याकरण- उपसर्ग प्रत्यय कृतिका- पाठ 1	आज की कृषि व्यवस्था परसामूहिक चर्चा
May	9	Revisionक्षितिज पाठ दो बैलों की कथा व्याकरण उपसर्ग प्रत्यय, समास कृतिका पाठ 1(Portion of 1st unit test) इस जल प्रलय में	कबीरदास के दोहों का एक संकलन तैयार कीजिए इसमें कम से कम 25 दोहे हो
June	15	क्षितिज लहासा की ओर , वाख व्याकरण - समास अर्थ के आधार पर वाक्य भेद कृतिका . मेरे संग की औरते	
		Portion of 2nd Unit test क्षितिज लहासा की ओर , वाख व्याकरण अर्थ के आधार पर वाक्य भेद लघुकथा लेखनअर्थ के आधार पर वाक्य भेद कृतिका . मेरे संग की औरते	औपचारिक व अनौपचारिक पत्र का प्रारूप तैयार करें
July	24	Revision for 2nd unit test क्षितिज- पाठ3. साँवले सपनों की याद व्याकरण-अपठित बोध पत्र लेखन कृतिका पाठ 3 रीढ़ की हड्डी व्याकरण- औपचारिक अनौपचारिक पत्र, संदेश लेखन , अलंकार कृतिका पाठ 3 क्षितिज पाठ साँवले सपनों की याद रसखान- सवैया Revision व्याकरण अनौपचारिक औपचारिक पत्र संवाद लेखन लघु कथा लेखन	अखबार में लिखें शब्दों में से उपसर्ग और प्रत्यय अलग करें

August	25	revision portion of Halfyearly ch 1,2,4,9,10,11Revision व्याकरण अनापचारिक आपचारिक पत्र संवाद लेखन लघु कथा लेखनक्षितिज पाठ साँवले सपनों की याद रसखान-सवैया सूचना लेखन संवाद लेखन कैदी और कोकिला	कविता लेखन प्रकृति से संबंधित स्वरचित
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September	15	क्षितिज गद्य खंड पाठ साँवले सपनों की या प्रेमचंद के फटे जूते क्षितिज साँवले सपनों की याद प्रेमचंद के फटे जूते कैदी और कोकिला बच्चे काम पर जा रहे हैं मेरे बचपन के दिन ,	बाल मजदूरी पर एक चार्ट पेपर तैयार कीजिए बाल मजदूरी पर अपने विचार व्यक्त करते हुए एक चार्ट पेपर तैयार करें।
October	17	Revisionव्याकरण अनौपचारिक औपचारिक पत्र संवाद लेखन लघु कथा लेखन, अनुच्छेद लेखन मेघ आए क्षितिज ग्रामश्री, मेघ आए	
November	22	व्याकरण अर्थ के आधार पर वाक्य भेद क्षितिज गद्य खंड पाठ साँवले सपनों की या प्रेमचंद के फटे जूते क्षितिज साँवले सपनों की याद प्रेमचंद के फटे जूते कैदी और कोकिला बच्चे काम पर जा रहे हैं	
December	19	क्षितिज गद्य खंड पाठ क्षितिज साँवले सपनों की याद प्रेमचंद के फटे जूते कैदी और कोकिला बच्चे काम पर जा रहे हैं मेरे बचपन के दिन कृतिका - रीढ़ की हड्डी ई. मेल लेखन	
January	25	Revision	
February	21	Revision	

DAYAWATI MODI PUBLIC SCHOOL, CHANDIL**Syllabus****Session -2023-2024**

Class - 9

Subject - English Language & Literature (184)

Subject Teacher - Sunit Kumar Dey

Name of Book - Beehive & Moments and English Language and Work Book

Month	Working Days	Lesson	Art Integrated Project
April	23	The Fun They Had (Beehive) The Lost Child (Moments) Tenses Paragraph Writing	
May	09	The Sound of Music Part 1 and Part 2	
June	15	The Road Not Taken(Poem)(Beehive) The Adventures of Toto(Moments) Wind(Poem) (Beehive) Subject-Verb Concord Diary Entry (Writing Section)	
July	24	Iswaran the Storyteller (Moments) Rain on the Roof(Poem) (Beehive) Determiners The Little Girl (Beehive) Short Story Writing The Lake Isle of Innisfree(Poem) (Beehive)	
August	25	A Truly Beautiful Mind (Beehive) In The Kingdom of Fools (Moments) A Legend of the Northland(Poem) (Beehive) The Snake and the Mirror (Beehive) Practice for Integrated Grammar	
September	15	My Childhood (Beehive) The Happy Prince (Moments) Revision for Half Yearly Examination	

October	17	No Men Are Foreign(Poem) Reach For the Top Part-1 & Part-2 (Beehive) Uses of Modal Verbs	
November	22	The Last Leaf (Moments) Kathmandu (Beehive) A House is not a Home (Moments) Direct and indirect Speech	
December	19	On Killing a Tree(Poem) (Beehive) If I Were You (Beehive) A Slumber Did My Spirit Seal(Poem) (Beehive) The Beggar (Moments)	
January	25	Uses of Integrated Grammar Revision for Writing Section	
February	21	Revision for Final Examination	



Dayawati Modi Public School
Syllabus
Session 2023-24

Class: 9 **Subject: Biology.**

Month	No. of working days	Description	Art Integrated Project
Apr	23	<p>Chapter 1 Cell: Basic unit of life</p> <ul style="list-style-type: none"> ● Cell as a basic unit of life ● Prokaryotic and Eukaryotic cells ● Multicellular organisms ● Cell membrane and cell wall ● Transportation of ions and molecules through plasma membrane ● Active transport ● Passive transport ● Structure and function of Nucleus ● Chromosomes: basic structure, number 	<ol style="list-style-type: none"> 1. Study of parts of Compound Microscope 2. Demonstration of diffusion from a crystal of Potassium permagnate 3. Demonstration of Endosmosis and Exoosmosis
May	09	<p>Chapter 1 Basic Unit of life Components of Cell</p> <ul style="list-style-type: none"> ● Plasma membrane ● Cytoplasm ● Nucleus ● Inside the cytoplasm <p>Cell organelles Basic structure and function of:</p> <ul style="list-style-type: none"> ● Mitochondria ● Plastid ● Endoplasmic reticulum ● Ribosome ● Golgi apparatus ● Centrosome 	<ol style="list-style-type: none"> 1. Study of onion peel cell. 2. Study of human cheek cell.
Jun	15	<p>Chapter 2 Tissues: organs, organ system organization:</p> <p>Plant tissue</p> <ul style="list-style-type: none"> ● Meristematic tissue ● Permanent tissue ● Xylem ● Phloem ● Parenchyma, Collenchyma 	<ol style="list-style-type: none"> 1. Study of stem tissue. 2. Apical meristem cause growth in length.
Jul	24	<p>Animal tissue</p> <ul style="list-style-type: none"> ● Epithelial tissue ● Connective tissue 	<ol style="list-style-type: none"> 1. Study of blood cells.

		<ul style="list-style-type: none"> • Muscular tissue • Nervous tissue Structure, function and types	
Aug	25	Chapter 2 Tissues <ul style="list-style-type: none"> • Animal tissue • Muscular tissue • Nervous tissue Types, structure and function	
Sept	15	Revision of Ch. No. 1 & 2 for examination	
Oct	17	Chapter 3 Improvement in food Food Resources Improvement in Crop yields <ul style="list-style-type: none"> • Crops • Crops seasons <ol style="list-style-type: none"> 1. Crop variety improvement 2. Crop production improvement 3. Crop protection & management 	<ol style="list-style-type: none"> 1. Collect some kharif crops and rabi crops. Paste them on chart paper. 2. Categorise various types of crops- pulses, cereals, oil seeds, vegetables, fruits, dry fruit, spices, founder, and commercial crops.
Nov	22	Chapter 3 Improvement in food resources Animal Husbandry <ul style="list-style-type: none"> • Cattle farming • Farm management • Poultry farming • Fish production • Bee keeping 	<ol style="list-style-type: none"> 1. Visit a farm during fish breeding season. 2. Make a project on Animal Husbandry
Dec	25	Chapter 4 Health and Diseases <ol style="list-style-type: none"> 1. Infectious and non- infectious diseases. <ul style="list-style-type: none"> • Their causes and manifestation 2. Diseases caused by microbes (virus, bacteria, and protozoans) 3. Symptoms and agents, their prevention 4. Principles of treatment and prevention 	<ol style="list-style-type: none"> 1. Make a survey project on Pulse Polio Program and Covid-19 (group activity).
Jan	25	Continuation of Health and diseases, and revision work	
Feb	21	Revision	



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Session:-2023-2024

Class-9

Subject- Mathematics

Subject Teacher: Ajay Kumar Singh

Name of months	Working Days	Chapter / Lesson Name	Activity / Project
April	23	Number Systems	Activity 1 – Divide a Line Segment into Number of Equal Parts Activity 2 – Divide a Thin Strip of Paper into Number of Equal Parts
May	09	Polynomials	Activity 3 – Represent an Irrational Number on the Number Line Activity 4 – Verify the Identity $a^3 + b^3 = (a+b)(a^2 - ab + b^2)$ Activity 5 – Verify the Identity $a^3 - b^3 = (a-b)(a^2 + ab + b^2)$
June	15	Factorisation of Polynomials Linear Equations in Two Variables	Activity 6 – Verify the Identity $(a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$ Activity 7 – Verify the Identity $(a-b)^3 = a^3 - 3a^2b + 3ab^2 - b^3$ Activity 8 – Verify the Identity $(a^2 - b^2) = (a+b)(a-b)$ (Method 1) Activity 9 – Verify the Identity $(a^2 - b^2) = (a+b)(a-b)$ (Method 2)
July	24	Coordinate Geometry Introduction to Euclid's Geometry Lines and Angles	Activity 10 – Verify the Identity $(a+b)^2 = a^2 + 2ab + b^2$ Activity 11 – Verify the Identity $(a-b)^2 = a^2 - 2ab + b^2$ Activity 12 – Interpret Geometrically the Factors of a Quadratic Expression Activity 13 – Verify that the Sum of any Two Sides of a Triangle
August	25	Triangles	Activity 14 – Draw a Parallelogram Whose Two Adjacent Sides are-Given Activity 15 – Find the Centroid of a Given Triangle Activity 16 – Find the Orthocentre of a Given Triangle
September	15	Areas of Triangles and Quadrilaterals	Activity 17 – Find the Incentre of a Given Triangle Activity 18 – Explore the Various Criteria for Congruency of Triangles

			<p>Activity 19 – Find the Circumcentre of a Given Triangle</p> <p>Activity 20 – Verify the Properties of the Sides and Angles of a Parallelogram</p>
October	17	Volume and Surface Area of Solids	<p>Activity 21 – Verify the Properties of the Diagonals of a Parallelogram</p> <p>Activity 22 – Verify the Midpoint Theorem</p> <p>Activity 23 – Verify that the Quadrilateral Formed by Joining the Midpoints</p>
November	22	Bar Graph, Histogram and Frequency Polygon Mean, Median and Mode of Ungrouped Data Probability	<p>Activity 24 – Verify the Properties of a Trapezium</p> <p>Activity 25 – Find the Area of Geometric Figures by Using a Geoboard</p> <p>Activity 26 – Derive a Formula for Finding the Area of a Parallelogram</p>
December	19	Congruence of Triangles and Inequalities in a Triangle Quadrilaterals	<p>Activity 27 – Derive a Formula for Finding the Area of a Triangle</p> <p>Activity 28 – Derive a Formula for Finding the Area of a Rhombus (Method 1)</p> <p>Activity 29 – Derive a Formula for Finding the Area of a Rhombus (Method 2)</p>
January	25	Areas of Parallelogram and Triangles Circles	<p>Activity 30 – Derive a Formula for Finding the Area of a Trapezium</p> <p>Activity 31 – Obtain the Mirror Image of a Given Geometrical Figure</p> <p>Activity 32 – Derive a Formula for Finding the Area of a Circle (Method 1)</p>
February	21	Geometrical Constructions	<p>Activity 33 – Derive a Formula for Finding the Area of a Circle (Method 2)</p> <p>Activity 34 – Determine the Total Surface Area</p> <p>Activity 35 – Verify Euler's Formula for Various Polyhedra</p>



DAYAWATI MODI PUBLIC SCHOOL, CHANDIL

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Session:-2023-2024

Class- IX Subject- Geography

Subject Teacher: Krishna Sengupta

Name of months	Working Days	Chapter / Lesson Name	Activity / Project
April	23	India size and location	Map work--Point out the neighbouring countries, Oceans and Continents
May	9	India size and location	
June	15	Physical features of India	Map work--point out the mountains and valley s
July	24	Physical features of India	
August	25	Drainage	Map work--Point out the rivers
September	15	Climate	Project... Differentiate between the climate of Goa and Jharkhand
October	17	Climate	
November	22	Natural Vegetation and Wild life	Map work---Point out the sanctuaries on a out line map of India
December	19	Natural Vegetation and wildlife	
January	25	Population	On a graph paper show the population of India
February	21	Revision	