

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

Class - X

Subject - English Language and Literature (184)

Subject Teacher - Sunit Kumar Dey

Name of Book - First Flight & Footprints without Feet and English Language and Work Book

Month	Working Days	Lesson	Art Integrated Project
April	23	A Letter to God (First Flight) A Triumph of Surgery, The Thief's Story (Footprints Without Feet) Tenses	
May	09	Dust of Snow(Poem), Fire and Ice(Poem) (First Flight) Letter Writing for Enquiry	
June	15	Nelson Mandela: Long Walk to Freedom Two Stories about Flying:- Part 1 My First Flight, Part2- Black Aeroplane (First Flight) Subject Verb Agreement	
July	24	How to Tell Wild Animals(Poem), From the Diary of Anne Frank (First Flight) The Ball Poem (Poem) (First Flight) The Midnight Visitor (Footprints Without Feet) Determiners Letter of Complaint (Official/Business) Analytical Paragraph Writing	
August	25	Amanda (Poem) (First Flight) A Question of Trust (Footprints Without Feet), Footprints Without Feet (Footprints Without Feet), Glimpses of India (First Flight) Practice for Integrated Grammar Formal letter for Order	
September	15	Footprints Without Feet (Footprints Without Feet) Mijbil the Otter (First Flight) Uses of Modal Verbs The Making of a Scientists (Footprints Without Feet)	

October	17	The Trees (Poem) Letter Writing to the Editor Fog (Poem) (First Flight) Madam Rides the Bus (First Flight) The Necklace (Footprints Without Feet)	
November	22	The Sermon at Benares (First Flight) Bholi (Footprints Without Feet) The Proposal (First Flight) For Anne Gregory (Poem) (First Flight)	
December	19	The Book That Saved the Earth (Footprints Without Feet) Revision for Integrated Grammar Revision for Writing Section	
January	25	Revision for Writing Section Revision for Integrated Grammar	
February	21	Revision for Examination	

Sub :-History

Class10

teacher Name :- Rajesh s

Silyabus

Months	Days	Topics
April	23	Print culture and the modern world
May	09	Print culture and modern world
June	15	The making of a global world
July	24	The making of the global world
Aug	25	The age of industrialization
Sep	15	The age of industrialization
Oct	12	Nationalism in india
Nov	23	Nationalism in india
Dec	19	The Rise of Nationalism in Europe
Jan	25	The Rise of Nationalism in Europe
Feb	21	

N. B :- Every student has to compulsory to undertake any one project on the following

Consumer Awareness

Or

Social issues

Or

Sustainable development

Syllabus

Session:-2023-2024

Class:- X
Mahato

Subject : Chemistry

Subject Teacher:Niyati Rani

Name of Book:- New millennium Chemistry

Month	Working Days	Lesson	Art integrated Project
April	23	Ch. -1 Chemical reactions and equations Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction. Practicals	Draw the mind map this chapter.
May	9	Ch-2 Acids bases and salts Their definitions in terms of furnishing of H ⁺ and OH ⁻ ions, General properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris. Practicals	Draw the mind map this chapter.
June	15	Ch-3 Metals and non-metals Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes: Corrosion and its prevention. Practicals	Draw the mind map this chapter.
July	24	Ch-4 carbon and it's compounds Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens. alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydro carbons and unsaturated hydrocarbons. Practicals	Draw the mind map this chapter.

August	25	Ch-4 Carbon and it's compounds . Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents. Practicals	Draw the mind map this chapter.
September	15	Revision	Draw the mind map this chapter. Make a 3D model periodic table.
October	17	Revision	
November	22	Revision	
December	19	Revision	
January	25	Revision	
February	21	Revision	



DAYAWATI MODI PUBLIC SCHOOL, CHANDIL

Syllabus

Session:-2023-2024

Class- 10

Subject- Democratic politics II

Subject Teacher: Paromita Adhikary

Name of months	Working Days	Chapter / Lesson Name	Activity / Project
April	23	Power sharing	Read any newspaper for one week and make clippings of news related to ongoing conflicts or wars.
May	09	Same	Revision
June	15	Federalism	Find out about the local government in the village account live in.
July	24	Democracy and diversity	Discuss three factors that determined outcomes of politics of social divisions.
August	25	Gender , religion and caste	Different forms of communal politics with one example each.
September	15	Popular struggles and movements	Write the forms of relationship between pressure groups and political parties.
October	17	Political parties	Challenges faced by political parties
November	22	Outcomes of democracy	Conditions in which democracy is accommodate social diversity
December	19	Challenges to democracy	
January	25	Revision	
February	21	Revision	



DAYAWATI MODI PUBLIC SCHOOL, CHANDIL

Syllabus

Session:-2023-2024

Class 10 sub :-History

Months	Days	Topic
April	23	print Culture and the Modern world
May	09	Print culture and the modern world
June	15	The Age of industrialization
July	24	The Age of industrialization
August	25	The Making of the Global world
September	15	The making of global world
October	17	The Nationalism in india
November	22	The Nationalism in india
December	19	The Nationalism in india
January	25	The Rise of Nationalism in Europe
February	21	Revision

Note :- As per CBSE, the project will be given. It is compulsory to make it.

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Syllabus

Session:-2023-2024

Class :- X

Subject: Economics

Subject Teacher: Pinky Kumari Saw

Name of Book :- NCERT

Month	Working Days	Lesson	Learning Outcomes.
April	23	Chapter 1 Development	After Going through this chapter students would be able to : . Define the term Development , Development promises .National Development Income other Goals . Compare between different countries and states . Average income and its uses . Public facilities . Sustainability of development
May	09	Chapter 2 Sectors of Indian Economy	.Sectors of Economic Activities . Comparing the three sectors .Historical Changes In Sectors .Primary , Secondary and Tertiary sectors in india . National Rural Employment Guarantee Act 2005 . Sectors in terms of Ownership : public and private sectors
June	15	Chapter 3 Money and Credit	. Money as a medium of exchange . Modern forms of Money .Loan activities of Banks .Terms of Credit , Formal and Informal sectors credit in India
July	24	Chapter 4 Globalisation And The Indian Economy	. Spreading of production by an MNC . Interlinking production across countries .Foreign trade and Integration of Markets . Meaning of Globalisation . Factors that have enabled Globalisation, Liberalisation of foreign trade and foreign investment policy. .WTO World Trade Organisation .Impact of Globalisation in India . The struggle for a fair globalisation

Syllabus

Session:-2023-2024

Class:-X

Subject : Physics

Subject Teacher: Soubhik Goswami

Name of Book:- New Millennium

Month	Working Days	Lesson	Art integrated Project
April	23	<p>Unit III: Natural Phenomena</p> <p>Chapter – 10 Light – Reflection and Refraction Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), magnification.</p> <p>Chapter – 11 Human eye and colourful world</p> <p>Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.</p>	Mind Map on Topic "Reflection of Light"
May	9	<p>Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens.</p>	Solving Numericals on a chart paper on the topic "Lens Formula and Snells Law"
June	15	<p>Chapter – 11 Human eye and colourful world Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.</p>	Getting familiar with prism and it's deviation with white light
July	24	<p>Chapter – 12 Electricity</p> <p>Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.</p>	To prove Ohms Law using various electrical devices such as voltmeter, ammeter, galvanometer, rheostat and resistance.
Aug	25	<p>Chapter – 13 Magnetic effects of current Magnetic effects of current: Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Electric Motor, Electromagnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule.</p>	To Find magnetic field lines using iron dust over wooden plank



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Session:-2023-2024

Class 10

SUBJECT- INFORMATION TECHNOLOGY (402)

Months	Days	Topic
April	23	PART A CHAPTER 1 : Communication Skills-II PART B CHAPTER 1 : Digital Documentation (Advanced)
May	09	PART B CHAPTER 1 : Digital Documentation (Advanced)
June	15	PART A CHAPTER 2 : Self-Management Skills-II PART B CHAPTER 1 : Digital Documentation (Advanced)
July	24	PART A CHAPTER 3 : ICT Skills-II PART B CHAPTER 2 : Electronic Spreadsheet (Advanced)
August	25	PART A CHAPTER 4: Entrepreneurial Skills-II PART B CHAPTER 2 : Electronic Spreadsheet (Advanced)
Sep	15	PART B CHAPTER 2 : Electronic Spreadsheet (Advanced) PART B CHAPTER 3: Database Management System
Oct	17	PART A CHAPTER 5 : Green Skills-II PART B CHAPTER 3: Database Management System
Nov	22	PART B CHAPTER 4: Web Applications and Security
Dec	19	PART B CHAPTER 4: Web Applications and Security
Jan	25	REVISION
Feb	21	



Dayawati Modi Public School
Syllabus
Session 2023-24

Class: 10. Subject: Biology

Month	No. of working days	Description	Art Integrated Project
Apr	23	Life process Living beings Basic concept of nutrition <ul style="list-style-type: none"> ● Autotrophic nutrition ● Heterotrophic nutrition ● Saprophytic, parasitic, halozoic nutrition ● Human digestive system 	1. Study of process of Human digestive system (organs and their functions)
May	09	Respiration <ul style="list-style-type: none"> ● Cellular respiration ● Types of respiration ● Exchange of gases in plants ● Respiratory surfaces 	1. To show that chlorophyll is essential for photosynthesis. 2. To show that CO ₂ is necessary for photosynthesis. 3. Carbon dioxide is released during respiration.
Jun	15	Transportation: Transportation in plants and animals	1. Measurement of blood pressure.
Jul	24	Excretion: <ul style="list-style-type: none"> ● Excretion in human beings ● Excretion in plants Control and coordination <ul style="list-style-type: none"> ● Animal nervous system 	1. Make a project on Human Excretory system, and Haemodialysis
Aug	25	1. Human brain (structure, function and action) 2. How are nervous organs protected? 3. Coordination in plants 4. Hormones in animals	1. Demonstration of response of plants to direction of light (phototropism). 2. Demonstration of geotropism through model. 3. Study of external features of Brain and functional parts of Cerebrum.
Sept	15	Chapter 3 How do organisms reproduce? 1. Asexual reproduction	1. To study budding in yeast. 2. To study growth of

		2. Sexual reproduction in plants 3. Sexual reproduction in animals	bread mould. 3. Parts and function of flowers.
Oct	17	Chapter 4 Hereditary and Evolution 1. Hereditary 2. Sex determination	1. Outline a project that aims to find the dominant coal color.
Nov	22	Chapter 5 Our Environment 1. Ecosystem 2. Environmental problems	1. Make a project on effect of human activities on the environment.
Dec	19	Chapter 5 <ul style="list-style-type: none"> ● Ozone depletion ● Waste production and their solutions ● Biodegradable and Non-biodegradable substances 	1. To prepare a list of community produced E-waste. Find out how these items are broken down to obtain useful articles. 2. Find out hazardous or toxic substances that the workers engaged in E-waste are exposed to.
Jan &	25	Revision and preparation for the board examination.	
Feb	21	Revision	



DAYAWATI MODI PUBLIC SCHOOL, CHANDIL

Syllabus

Session: 2023-2024

Class:- 10

Subject :Hindi

Subject Teacher: Anamika

Name of Book:- 1. क्षितिज 2. कृतिका 3. व्याकरण

Month	Working Days	Lesson	Art Integrated Project
April	23	क्षितिज पाठ- नेताजी का चश्मा, सूरदास व्याकरण वाक्य भेद कृतिका पाठ माता का अंचल	पांच स्वतंत्रता सेनानी की तस्वीर चार्ट पेपर में चिपकाए और बताएं कि किन से आप बहुत प्रभावित हुए हैं।
May	9	1st unit test portion (Revision) व्याकरण- वाक्य भेद कृतिका पाठ1माता का अंचल वाक्य भेद, नेताजी का चश्मा, सूरदास के पद	वाचन कौशल
June	15	क्षितिज पाठ-राम लक्ष्मण परशुराम पाठ बालगोबिन भगत , कृतिका -साना - साना हाथ जोड़ें व्याकरण -अपठित बोध, वाच्य, संदेश लेखन ।	कक्षा में छात्रों द्वारा राम लक्ष्मण परशुराम संवाद में अभिनय प्रस्तुत करना मित्र को जन्मदिन पर बधाई संदेश लिखना।
		2nd unit test (Revision) व्याकरण -अपठित बोध वाच्य ,संदेश ,राम लक्ष्मण परशुराम संवाद ,बाल गोबिन भगत।	
July	24	क्षितिज- लखनवी अंदाज कृतिका साना साना हाथ जोड़ी व्याकरण पद परिचय औपचारिक अनौपचारिक पत्र अनुच्छेद लेखन ,विज्ञापन लेखन	ग्रीष्मावकाश में अपने मित्र को आमंत्रित करते हुए पत्र लिखिए।
August	25	<ul style="list-style-type: none">क्षितिज - आत्मकथ्य ,उत्साह, लखनवी अंदाजव्याकरण अलंकार,पद परिचयअनुच्छेद लेखन Portion of Halfyearly Exam class-10 Subject Hindi क्षितिज -गद्य खंड पाठ -10नेताजी का चश्मा11 बालगोबिन भगत नेताजी का चश्मा बालगोबिन भगत लखनवी अंदाज सूरदास के पद ,राम लक्ष्मण परशुराम संवाद उत्साह माता का अंचल पत्र लेखन अनुच्छेद लेखन विज्ञापन लेखन संदेश लेखन वाच्य वाक्य पद परिचय अलंकार	कविता लेखन प्रकृति से संबंधित स्व रचित

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September	15	<p>क्षितिज -गद्य खंड</p> <p>एक कहानी यह भी ,नौबत खाने में इबादत</p> <p>उत्साह, अट नहीं रही है यह दंतुरित मुस्कान,फसल</p> <p>पत्र लेखन अनुच्छेद लेखन विज्ञापन लेखन संदेश</p>	
October	17	<p>क्षितिज-संगतकार, संस्कृति</p> <p>कृतिका-में क्यों लिखता हूँ</p> <p>लेखन-संदेश लेखन, वाच्य वाक्य, पद परिचय , अलंका</p> <p>Continue Revision all for pre-board and board portion</p> <p>व्याकरण वाक्य भेद अलंकार वाच्य संदेश</p> <p>पद-परिचय,</p> <p>स्ववृत एव ई-मेल लेखन</p>	
November	22	<p>Revision all</p> <p>क्षितिज पाठ- नेताजी का चश्मा, सूरदास</p> <p>व्याकरण वाक्य भेद</p> <p>कृतिका- पाठ-माता का अंचललेखन-संदेश लेखन, वाच्य</p> <p>वाक्य पद परिचय , अलंकार</p>	
December	19	<p>Revision all for pre-board exam</p> <p>लेखन संदेश लेखन वाच्य वाक्य पद परिचय , अलंकार</p> <p>व्याकरण वाक्य भेद अलंकार वाच्य संदेश</p> <p>पद-परिचय,</p> <p>स्ववृत एव ई-मेल लेखन</p>	
January	25	Revision	
February	21	Revision all for pre-board exam	



DAYAWATI MODI PUBLIC SCHOOL, CHANDIL

Syllabus

Session:-2023-2024

Class-10

Subject- Mathematics

Subject Teacher: Ajay Kumar Singh

Name of months	Working Days	Chapter / Lesson Name	Activity / Project
April	23	Trigonometric Ratios T-Ratios of Some Particular Angles Trigonometric Identities Heights and Distances	Activity 1 – Solve the System of Linear Equations Activity 2 – Sequence of Numbers is an Arithmetic Progression (AP)
May	09	Real Numbers	Activity 3 – Sum of the First n Terms of an AP Activity 4 – Sum of the First n Natural Numbers Activity 5 – Sum of the First n Odd Natural Numbers Activity 6 – Proportionality Theorem, or Thales Theorem
June	15	Polynomials	Activity 7 – Midpoint Theorem Activity 8 – Ratio of the Areas of two Similar Triangle Activity 9 – Pythagoras' theorem (Method 1)
July	24	Linear Equations in Two Variables Quadratic Equations	Activity 10 – Pythagoras' theorem (Method 2) Activity 11 – Pythagoras' theorem (Method 3) Activity 12 – Pythagoras' theorem (Method 4) Activity 13 – Pythagoras' theorem (Method 5) Activity 14 – Pythagoras' theorem (Method 6)
August	25	Perimeter and Area of Plane Figures Mean, Median, Mode of Grouped Data, Cumulative Frequency Graph and Ogive	Activity 15 – Equal Chords of a Circle Subtend Activity 16 – Angles Subtended by Two Chords
September	15	Arithmetic Progression Coordinate Geometry	Activity 17 – Two Arcs of a Circle are Congruent

			<p>Activity 18 – Perpendicular Drawn from Centre of a Circle to Bisect a Chord</p> <p>Activity 19 – Line Drawn through Centre of a Circle to Bisect a Chord</p>
October	17	Triangles	<p>Activity 20 – Centre of a Circle</p> <p>Activity 21 – Complete a Circle if an Arc of the Circle is Given</p> <p>Activity 22 – Equal Chords of a Circle are Equidistant</p> <p>Activity 23 – Equal Chords of Congruent Circles are Equidistant</p>
November	22	<p>Circles</p> <p>Construction</p> <p>Area of Circle, Sector and Segment</p>	<p>Activity 24 – Chords of a Circle which are Equidistant from Centre of Circle</p> <p>Activity 25 – Out of Two Chords, Larger is Nearer to the Centre of Circle</p>
December	19	<p>Volume and Surface Areas of Solids</p> <p>Probability</p>	<p>Activity 26 – Angle Subtended by an Arc at the Centre of a Circle is Double</p> <p>Activity 27 – Angles Subtended by an Arc of a Circle in the Same Segment</p> <p>Activity 28 – Cyclic Quadrilateral</p> <p>Activity 29 – The Lengths of the Tangents Drawn from an External Point to a Circle</p>
January	25	Revision	
February	21	Revision	



DAYAWATI MODI PUBLIC SCHOOL, CHANDIL

Syllabus

Session:-2023-2024

Class- 10 Subject- Geography

Subject Teacher:Krishna Sengupta

Name of months	Working Days	Chapter / Lesson Name	Activity / Project
April	23	Resources and Development	Project work... Compare the resources between of Jharkhand and Goa
May	09	Forest and Wild life Resources	Map work... On a out line map of India point out the different forest and sanctuaries
June	15	Forest and Wild life Resources	
July	24	Agriculture	Map work... On a out line map of India point out the different crops
August	25	Agriculture	
September	15	Minerals and Energy	Project work... Compare the minerals between Jharkhand and Goa
October	17	Minerals and Energy	
November	22	Manufacturing Industries	Map work... On a out line map of India point out the different industries
December	19	Manufacturing Industries	
January	25	Water Resources	Map work... On a out line map of India point out the different rivers
February	21	Revision	