

MDN SR. SEC. SCHOOL KALAYAT



KALAYAT

SYLLABUS BOOKLET

SESSION 2024-25

Grade -10th (CBSE)

Student's Name Roll No.

KALAYAT

Father's Name Residence

English Syllabus

Sr. No.	Month	Name of Books	Suggested – Activities
1	April	First Flight	1. A Letter to God 2. Nelson Mandela-Long Walk to Freedom
		Poem	1. Dust of Snow 2. Fire and Ice
		Writing Section Grammar Section	<ul style="list-style-type: none"> Long task writing Letters (Business) Letter Making Order Enquiry Letters Modals
2	May	First Flight	3. Two Stories of Flying (i) His First Flight (ii) Black Aeroplane
		Poem	3. A Tiger in the Zoo
		Footprints Without Feet	1. Triumph of Surgery
		Writing Section Grammar Section	<ul style="list-style-type: none"> Letters (Business) Complaint or Replacement Determiners Subject - verb concord
3	June	<ul style="list-style-type: none"> Summer Vacation 	
4	July	<ul style="list-style-type: none"> Footprints 	2. The Thief's Story 3. The Midnight Visitor 4. A Question of Trust
		<ul style="list-style-type: none"> Writing Section Grammar Section 	<ul style="list-style-type: none"> Letters to the Editor Tenses
5	August	<ul style="list-style-type: none"> ➤ First Flight ➤ <u>Poem</u> 	4. From the Diary of Anne Frank 4. How to tell wild Animals
		<ul style="list-style-type: none"> ○ Writing Section ○ Revision 	<ul style="list-style-type: none"> Paragraph (Analytical Paragraphs based on Pie Chart, graph – analysis, cue, task-based etc.)
6	September	<ul style="list-style-type: none"> First Flight Term - I Exam. 	5. Glimpse of India
		<ul style="list-style-type: none"> Poem 	5. The Ball Poem 6. Amanda

		•	Revision + I Term Exam
7	October	➤ First Flight Footprints Without Feet	6.. Mijbil the Otter 7.. Madam Rides the Bus 5. Footprints Without Feet
		➤ Poem	7.The Trees 8.Fog
		➤ Grammar	Reported Speech
8	November	➤ First Flight ➤ Footprints Without Feet	8.The Sermon at Benares 6. Making of a Scientist 7.The Necklace
9	December	➤ Footprints Without Feet poem ➤ Grammar	8.. Bholi 9. The Tale of Custard the Dragon 10.For Anne Gregory Revision + Test
10	January	First Flight Footprints Without Feet First Flight Grammar	9. The Proposal (Play) 9.The Book that Saved the Earth Revision Revision + Major Test
11	February	First Flight Poem Grammar Footprint Without Feet	Revision + II Term Exam
12	March	Final Exam	

Internal Assessment

- Book – Reading Homework (4)
- Poem Recitation (4)
- Narration Story. (3)
- Notebooks + Holidays Homework (4)
- Average of best Periodic Tests (5)

Hindi

<u>Month</u>	<u>Book</u>	<u>Chapter Name</u>	<u>Test</u>
अप्रैल	क्षितिज पद्य गद्य	सखियाँ एवं सबद दो बैलो की कथा	Class Test M.M :- 20
मई	पद्य गद्य कृतिका गतिविधियाँ	वाख, उपसर्ग ल्हासा की ओर इस जल प्रलय में प्रेमचंद या जाबिर हुसैन का जीवन परिचय	P.T. 3rd Week M.M :- 20
जून	ग्रीष्मकालीन अवकाश		
जुलाई	क्षितिज पद्य गद्य कृतिका व्याकरण गतिविधियाँ	सर्वेये उपभोक्तावाद की संस्कृति मेरे संग की औरते सभी अनौपचारिक पत्र विज्ञापन लेखन (रेडीमेड कपड़ों पर)	P.T. 3rd Week M.M :- 20
अगस्त	पद्य गद्य कृतिका	कैदी और कोकिला (कविता स्वर वाचन) (Practical) सावले सपनों की याद रीढ़ की हड्डी	Revision Cumulative Revision to week Test (Internal Assessment Practical All Subject) M.M:-40
सितम्बर	पद्य गद्य व्याकरण	ग्राम श्री प्रेमचंद के फटे जूते समास	
अक्टूबर	पद्य गद्य व्याकरण गतिविधि	मेघ आये बन ठन के (सस्वर वाचन) मेरे बचपन के दिन अर्थ के आधार पर वाक्य,प्रत्यय मेघ आये (सस्वर वाचन)	Class Test M.M :- 20
नवम्बर	क्षितिज पद्य व्याकरण अनुच्छेद	बच्चे काम पर जा रहे हैं । अनुच्छेद लेखन संवाद लेखन अनौपचारिक पत्र अलंकर शब्द अलंकर	P.T. 3rd Week M.M :- 20

दिसम्बर	व्याकरण	अलंकार अर्थालंकार सूचना लेखन _ गुमशुदा की तलाश	1st Week Revision Major P.T. (Internal Assessment) M.M :- 40
जनवरी	व्याकरण	सन्देश - लेखन अपठित गद्यांश , पद्यांश	Class Test M.M :- 20
फरवरी	Revision		

Mathematics

SR. No.	MONTH	CHAPTERS
1.	APRIL	1. REAL NUMBERS. 2. POLYNOMIALS.
2.	MAY	3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES. 4. QUADRATIC EQUATIONS.
3.	JULY	7. COORDINATE GEOMETRY. 14. PROBABILITY.
4.	AUGUST	8. INTRODUCTION TO TRIGONOMETRY. 10. CIRCLES.
5.	SEPTEMBER	TERM 1 EXAMS
6.	OCTOBER	9. SOME APPLICATIONS OF TRIGONOMETRY. 11. AREA RELATED TO CIRCLES.
7.	NOVEMBER	5. ARITHMETIC PROGRESSION. 13. STATISTICS.
8.	DECEMBER	6. TRIANGLES. 12. SURFACE AREA AND VOLUME.

Social Science

Sr. No .	Month	Subject	Chapter name	Activity
1	April	Geography Civics Economics	Resource and Development. Power Sharing Development	Show the Table Figure of State Development. Show in the map of World and describe to ethnic structure of Sri Lanka.
2.	May	Geography Civics Economics Geography	Forest and wildlife Federalism Sector of the Indian Economy Water Resource	Show in the Map of India Food Crops and None food crops area make a chart of India Parliament
3.	June	Summer Vacation		
4.	July	History Geography Civics Geography	Nationalism in Europe Agriculture Gender, Religion and Caste Life Line of National Economy	Use to table figure of economy sectors Make a chart of Indian Political Portion Symbol .
5.	August	History Economics	Nationalism in India Money and Credit	Dilate on Gandhi ji's role in India freedom (Revision)
6.	September	Term – 1 st Exam		
7.	October	Civics Geography Economics History	Politicalls Parties Minerals and energy Resource Globalization and the Indian Economy The Making of Global world	Use to India Map to show the Industial Areas.
8.	November	History Geography Civics	Print culture and the Modern World Manufacturing Industries Out comes of Democracy	Make a chart on the transport facility in India.
9.	December		Make a Project in the topic of consumer Awarenen Revision and Major Test	
10.	January	Revision and Pre – Board Exam		
11.	February	Revision and Final Exam		

Physics

Sr. No.	Month	Chapter	Assessment	Activities
1	April	<ul style="list-style-type: none"> Electricity (50% of the chapter) 	Class test	To assemble various electrical component's
2	May	<ul style="list-style-type: none"> 50% (Electricity) Complete Magnetic effect of electric current (30%) 	P.T – 20M	To show deflection in compass needle when placed near a current carrying wire.
3	June	<ul style="list-style-type: none"> Summer Vacation 		
4	July	<ul style="list-style-type: none"> Magnetic effect of electric current Complete. Light :- Reflection of Reflection of light (30%) 	P.T. – 20M	Try to see your face on the curved surface of spoon.
5	August	➤ Light Complete	Class Test	
6	September	<ul style="list-style-type: none"> Revision 	1st term exam	
7	October	Human Eye of colorful world (50%)	Class test	To Show Tyndall effect in your Lab.
8	November	Human Eye of colorful world	P.T. – 20	
9	December	Revision		
10	January	Revision		
11	February	Revision		
12	March	Final Exam		

Chemistry

Sr.No.	Month	Chapters	Assessment	Activities
1.	APRIL	1. Chemical Reaction and equations Topic : Up to Redox Reaction	CLASS TEST 20 MARKS	1. Burning of magnesium ribbon in Air 2. Mixing of lead nitrate and potassium iodide 3. Reaction of zinc granules with dilute acids
2.	MAY	1. Chemical Reaction and equations Topic : Complete	CLASS TEST 20 MARKS	4. Heating of ferrous sulphate crystals 5. Heating of lead nitrate 6. Electrolysis of water 7. Iron nail dipped in copper sulphate solution
3.	JULY	2. Acid-Base and Salts	CLASS TEST 20 MARKS	8. To Identify the nature of solution using various indicators 9. Preparation of HCL gas and it's action on blue litmus 10. Exothermic nature of dilution of an acid 11. Presence of water of crystallization in copper sulphate
4.	AUGUST	3. Metals and Non- metals Topic : Up to Ionic compounds	CLASS TEST 20 MARKS	12. To study the thermal conductivity of mety.
5.	SEPTEMBER	1ST TERM EXAM		
6.	OCTOBER	3. Metals and Non-metals Complete	CLASS TEST 20 MARKS	13. To study the electrical conductivity of metal
7.	NOVEMBER	4. Carbon and it's compounds	CLASS TEST 20 MARKS	14. To study the oxidation of ethanol 15. To study the formation of esters
8.	DECEMBER	REVISION	CLASS TEST 20 MARKS	
9.	JANUARY	REVISION		
10.	FEBRUARY			

Biology

Sr. No.	Month	Chapter	Activity	Test	M.M
1	April	Chapter: Life Processes; What are life processes? Autotrophic and Heterotrophic Nutrition Nutrition in human beings	Microscopy- Prepare temporary mount of leaf peel to show stomata + Starch test	Class Test	20
2	May	Chapter: Life Processes; Respiration , exchange of gases in plants, Types of Respiration and release of energy ATP	To demonstrate that Carbon dioxide is released during Respiration	P.T. (3rd week)	20
3	June	Summer Vacation			
4	July	Chapter: Life Processes; Transportation in Plants and Human Beings; Excretion in Plants , Excretion in Human Beings	Collection of data on Haemoglobin	P.T.	20
5	August	Chapter: Control and Coordinaton; Animals- Nervous System; Coordination in Plants; Hormones in Animals	Demonstration of Phototropism, Geotropism and Hydrotropism	Cumulative Test	40
6	September	Revision		Term 1 Exam	80 (30)
7	October	Chapter: How do Organisms Reproduce?; Variations; Modes of Reproduction used by single organisms; Sexual Reproductio in flowering Plants and Human Beings; Reproductive Health	Plant Propogation, Culture of Rhizopus and to study various parts of dicot seed	Class Test	10
8	November	Chapter: Heredity; Accumulation of variation; Inherited Traits; Rules for Inheritance; Sex Determination	Punnett Square Practice	P.T.	20
9	December	Chapter: Our Environment; Ecosystem and its components; Ozone layer and how its getting depleted; Managing the Garbage we produce. REVISION	National Park Visit	Regular Class Test Major P.T.	80
10	January	Revision + Practical Examination		Pre- Annual Exams	80
11	February	Revision		Final Board Exams	80
12	March	Final Exam			