

**scientia**

TM  
INTERNATIONAL  
SCHOOL  
*Where young minds are nurtured*



# Syllabus and Yearly Planner

## Session 2024-25

### **Class :- 11th**

Opp. Radio Relay Station, Bantalab, Jammu

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# Math

<b>MONTH</b>	<b>TOPIC</b>
<b>APRIL</b>	<b>Sets</b>
<b>MAY</b>	<b>Relations and Functions , Trigonometry</b>
<b>JUNE</b>	<b>Trigonometry</b>
<b>JULY</b>	<b>Complex Numbers , Linear Inequalities</b>
<b>AUGUST</b>	<b>Permutations and Combinations , Binomial theorem.</b>
<b>SEPTEMBER</b>	<b>Sequence and Series.</b>
<b>OCTOBER</b>	<b>Straight Lines.</b>
<b>NOVEMBER</b>	<b>Conic Sections , Three dimensional Geometry</b>
<b>DECEMBER</b>	<b>Limits and Derivatives , Statistics</b>
<b>JANUARY</b>	<b>Probability</b>
<b>February</b>	<b>Revision</b>

# P.H.E

<b>MONTH</b>	<b>TOPIC</b>
<b>APRIL</b>	Concept of Physical Education
<b>MAY</b>	(i) Physiological aspects of physical Education
<b>JUNE</b>	(ii) Physiological aspects of physical Education
<b>JULY</b>	Career Aspect on Physical Education
<b>AUGUST</b>	Health and Family Education
<b>SEPTEMBER</b>	Concept of Major Games/Sports
<b>OCTOBER</b>	National Games
<b>NOVEMBER</b>	Olympic Games
<b>DECEMBER</b>	Diet and Its Importance in Physical Development
<b>JANUARY</b>	Common Sports Injuries and Rehabilitation

# Chemistry

MONTH	TOPIC
APRIL	Basic concepts of chemistry, Revision of class 10 <sup>Th</sup> concepts
MAY	Atomic structure and classification of elements
JUNE	Chemical Bonding
JULY	Chemical Bonding and Redox reactions
AUGUST	Thermodynamics.
SEPTEMBER	Chemical equilibrium and revision for Half yearly
OCTOBER	Half yearly
NOVEMBER	Ionic equilibrium
DECEMBER	Basic concepts of Organic chemistry Hydrocarbons
JANUARY	Revision , preboard
February	Preboard

# Accountancy

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<b>Month</b>	<b>Topic</b>
<b>April</b>	<b>Introduction to Accounting</b>
<b>May</b>	<b>Theory Base of Accounting &amp; Accounting Equation</b>
<b>June</b>	<b>Trial balance</b>
<b>July</b>	<b>Journal &amp; Ledger</b>
<b>August</b>	<b>Cash Book &amp; Petty Cash Book</b>
<b>September</b>	<b>Depreciation, Provision and Reserve</b>
<b>October</b>	<b>Half Yearly</b>
<b>November</b>	<b>Financial Statement of Sole proprietorship from complete &amp; Incomplete Records</b>
<b>December</b>	<b>Bank Reconciliation Statement , Other Subsidiary Book,</b>
<b>January</b>	<b>Revisions Pre-board</b>
<b>February</b>	<b>Pre-Board</b>

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# Business Studies

MONTH	TOPIC
APRIL-MAY	<ul style="list-style-type: none"><li>• Nature and Purpose of Business</li></ul>
June-July	<ul style="list-style-type: none"><li>• Forms of Business Organisation</li></ul>
August-September	<ul style="list-style-type: none"><li>• Private, Public and Global Enterprises</li><li>• Business Services</li><li>• Emerging Modes of Business</li><li>• Social Responsibility of Business and Business Ethics</li></ul>
Oct-Nov	<ul style="list-style-type: none"><li>• Formation of a Company</li><li>• Sources of Business Finance</li></ul>
Dec-Jan	<ul style="list-style-type: none"><li>• Small Business</li><li>• Internal Trade</li><li>• International Business</li></ul>

# ENGLISH

## APRIL:-

**HORNBILL ( TEXTBOOK):-**

1. The Portrait of a Lady
2. A Photograph ( Poem)

## **WRITING:-**

Notice Writing

Format of Letter Writing ( Formal and Informal)

## MAY:-

**SUPPLEMENTARY ( SNAPSHOTS)**

1. The Summer of the Beautiful White Horse

**TEXTBOOK:-**

3. We're not Afraid to Die .....If We Can All Be Together

## **WRITING:-**

1. Poster Making
2. Advertisement Writing
3. Formal Letter Writing

## **GRAMMAR:-**

1. Modals

## JUNE:-

**TEXTBOOK:**

4. The Laburnum Top

**SUPPLEMENTARY:/**

5. The Address

## **WRITING:-**

1. Informal Letter Writing

## **GRAMMAR :-**

1. Conjunctions
2. Prepositions

## **JULY:-**

### **TEXTBOOK**

5. The Voice of the Rain ( Poem)

### **WRITING :-**

1. E- mail writing
2. Note Making
3. Letter Writing

### **GRAMMAR :-**

1. Tenses

## **AUGUST:-**

### **TEXTBOOK:-**

6. Childhood ( Poem)

### **SUPPLEMENTARY:-**

6. Birth

### **GRAMMAR:**

1. Determiners

## **SEPTEMBER:-**

### **SUPPLEMENTARY:-**

7. Mother's Day
8. The Tale of Melon City

### **WRITING:-**

1. Essay/ Article/ Debate Writing/ Letter Writing

### **GRAMMAR:-**

1. Correct the Errors

## **OCTOBER:-**

Half- Yearly Examination

## **NOVEMBER:-**

### **TEXTBOOK:-**

7. Discovering Tut: Saga Continues
8. Father to Son ( Poem)
9. The Adventure

### **WRITING:-**

1. Recapitulation of Advertisement, Notice, Poster Making and E- mail Writing.

# **DECEMBER:-**

**TEXTBOOK:-**

**10. Silk Road**

**11. The Ailing Planet**

# **JANUARY:-**

**Revision**

# **FEBRUARY:-**

**Pre- Boards**

**NOTE:- The writing skills and topics of grammar will be recapitulated from time to time.**

# COMPUTER

<b>Month</b>	<b>Topic</b>
<b>APRIL</b>	<b>Computer fundamentals</b>
<b>May</b>	<b>Computer fundamentals</b>
<b>June</b>	<b>Software Concepts</b>
<b>July</b>	<b>Software Concepts</b>
<b>August</b>	<b>Number system</b>
<b>September</b>	<b>Programming methodology</b>
<b>October</b>	<b>Introduction to Python</b>
<b>November</b>	<b>Data types and operators</b>
<b>December</b>	<b>Strings in Python</b>
<b>January</b>	<b>Revision &amp; Project Work</b>
<b>February</b>	<b>Revision &amp; Project Work</b>

# ECONOMICS

<b>Month</b>	<b>Topic</b>
<b>APRIL</b>	<b>INTRODUCTION TO ECONOMICS</b>
<b>May</b>	<b>INDIAN ECONOMY ON THE EVE OF INDEPENDENCE ECONOMIC PLANNING PRACTICALS OF MEAN</b>
<b>June</b>	<b>COLLECTION, ORGANISATION AND PRESENTATION OF DATA</b>
<b>July</b>	<b>HUMAN CAPITAL FORMATION RURAL DEVELOPMENT EMPLOYMENT SUSTAINABLE ECONOMIC DEVELOPMENT</b>
<b>August</b>	<b>DEVELOPMENT EXPERIENCE OF INDIA A COMPARISON WITH PAKISTAN AND CHINA</b>
<b>September</b>	<b>MEAN MODE MEDIAN</b>
<b>October</b>	<b>CORRELATION AND INDEX NO.</b>
<b>November</b>	<b>ECONOMIC REFORM SINCE 1991 REVISION &amp; PROJECT WORK</b>
<b>December</b>	<b>REVISION &amp; PROJECT WORK</b>
<b>January</b>	<b>SAMPLE PAPER</b>
<b>February</b>	<b>SAMPLE PAPER</b>

# Biology

<b>Month</b>	<b>Topic</b>
<b>April May</b>	<b>Unit 1: Diversity of Living Organisms Chapter</b>
<b>June July</b>	<b>Unit 2: Structural Organisation in Animals and Plant</b>
<b>August September</b>	<b>Unit 3: Cell Structure and Functions Months:</b>
<b>October November</b>	<b>Unit 4: Plant Physiology</b>
<b>December January</b>	<b>Unit 5: Human Physiology.</b>
<b>February</b>	<b>Revision</b>

# Physics

<b>Month</b>	<b>Topics</b>
<b>April</b>	<ul style="list-style-type: none"><li>• <b>Mathematical Tools -Trigonometry, Binomial Theorem</b></li></ul>
<b>May</b>	<ul style="list-style-type: none"><li>• <b>Mathematical Tools - Differentiation and Integration</b></li></ul>
<b>June</b>	<ul style="list-style-type: none"><li>• <b>Mathematical Tools (Revision)</b></li></ul>
<b>July</b>	<ul style="list-style-type: none"><li>• <b>Units and Measurements</b></li></ul>
<b>August</b>	<ul style="list-style-type: none"><li>• <b>Motion in a straight line</b></li><li>• <b>Motion in a plane</b></li></ul>
<b>September</b>	<ul style="list-style-type: none"><li>• <b>Laws of Motion</b></li><li>• <b>Work, Energy and Power</b></li></ul>
<b>October</b>	<ul style="list-style-type: none"><li>• <b>System of Particles and Rotational Motion</b></li><li>• <b>Gravitational</b></li></ul>
<b>November</b>	<ul style="list-style-type: none"><li>• <b>Mechanical Properties of Solid</b></li><li>• <b>Mechanical Properties of Fluids</b></li><li>• <b>Thermal Properties of Matter</b></li></ul>
<b>December</b>	<ul style="list-style-type: none"><li>• <b>Therodynamics</b></li><li>• <b>Kinetic Theory of Gases</b></li></ul>
<b>January</b>	<ul style="list-style-type: none"><li>• <b>Oscillations</b></li><li>• <b>Waves</b></li></ul>
<b>February</b>	<ul style="list-style-type: none"><li>• <b>Revision</b></li></ul>

## HOLIDAY CALENDAR 2024-25

MONTH	HOLIDAY	DATE	DAY
APRIL	EID-UL-FITR	11-4-2024	THURSDAY
	BAISAKHI	13-4-2024	SATURDAY
	RAM NAVMI	17-4-2024	WEDNESDAY
MAY	BUDH POORNIMA	23-5-2024	THURSDAY
JULY	ASHOORA	17-7-2024	THURSDAY
AUGUST	INDEPENDENCE DAY	15-8-2024	THURSDAY
	RAKSHABANDHAN	19-8-2024	MONDAY
	JANAMASHTAMI	26-8-2024	MONDAY
SEPTEMBER	EID-I-MILAD-UL-NABI	16-9-2024	MONDAY
	EID-I-MILAD-UL-NABI	20-9-2024	FRIDAY
	BIRTHDAY OF MAHARAJA HARI SINGH	23-9-2024	MONDAY
OCTOBER	GANDHI JAYANTI	02-10-2024	WEDNESDAY
	MAHANAVMI	11-10-2024	FRIDAY
	DUSSEHRA	12-10-2024	SATURDAY
	ACCESSION DAY	26-10-2024	SATURDAY
NOVEMBER	DIWALI	01-11-2024	FRIDAY
	GURU NANAK DEV JI'S BIRTHDAY	15-11-2024	FRIDAY
DECEMBER	CHRISTMAS	25-12-2024	MONDAY
JANUARY	GURU GOBIND JAYANTI	17-01-2025	WEDNESDAY
	LOHRI	13-01-2025	MONDAY
	REPUBLIC DAY	26-01-2025	SUNDAY
FEBRUARY	MAHASHIVRATRI	26-02-2025	WEDNESDAY
MARCH	HOLI	14-03-2025	FRIDAY
	EID-UL-FITR	31-03-2025	MONDAY

### HOLIDAY SCHEDULE:

Summer Break	Starts From 3rd June 2024
School Reopens	22nd July 2024
Diwali Break	Starts From 30th October To 3rd November
School Reopens On	4th Nov.2024
Winter Break	Starts 28th Dec. To 14th Jan.2025
School Reopens On	15th January 2025

**Note: The School Reserves Right To Make Any Change In The Schedule / Date Of Any Event, Holiday Etc. With Prior Information .**

# PARENT TEACHER MEETING SCHEDULE 2024-25

Parent Teacher Meet (AN OPEN HOUSE) is a short meeting or conference between the parents and teachers of students to discuss a child's progress at school and find remedial measures. It supplements the information conveyed by focusing on student's strengths and weaknesses and generalizing the level of inter curricular skills and competences.

<b>Schedule</b>	<b>Ptm-Open House</b>
<b>Unit Test - I</b>	<b>Last Week of July 2024</b>
<b>Unit Test - II</b>	<b>Last week of August 2024</b>
<b>Half Yearly</b>	<b>Starting October 2024</b>
<b>Unit Test - III</b>	<b>Mid. of November 2024</b>
<b>Pre- Board - I</b>	<b>Ending December 2024</b>

# ACTIVITY AND COMPETITION CALENDAR 2024-25

Competition	Date	Day	Grade
Fireless Cooking	29th May	Wednesday	Grade 5,6,7,8
Inter House Yoga Competition	31st May	Friday	Grade 8th To 12th
Poem Recitation	26th July	Friday	Grade 1,2
Story Narration	27th July	Saturday	Grade 3,4,5
Intr House Debate Competition - Live	31st July	Wednesday	Grade 6,7
Essay Writing On Current Affairs	3rd August	Saturday	Grade 8,9,10
Independence Day Dress Parade	14th August	Wednesday	Grade 1,2
Ind. Day Role Play	14th August	Wednesday	Grade 3,4
Independence Day Slogan Writing	14th August	Wednesday	Grade 5,6
Inter House Patriotic Song Competition	14th August	Wednesday	7,8,9
Hindi Saptah (Inter House)	9th Sept - 14th	Mon-Sat	Grade 1-10
Inter House Natak Pratiyogita	13th September	Friday	3 To 9
Dandiya Celebration	10th October	Thursday	All Grades
Best Out Of Waste	19th October	Saturday	Grade 3 To 7
Diwali Utsav	29th October	Tuesday	Grade 1-10
Inter House Dance Drama Compt.	14th November	Thursday	Grade 4 To 9
(Show & Tell)	15th November	Friday	Grade 1,2,3
Christmas Fair	25th December	Wednesday	School

## CELEBRATION DATES

CELEBRATION	DATE	DAY
BAISAKHI CELEBRATION	12 <sup>th</sup> April	FRIDAY
EID- UL-FITR	11 <sup>th</sup> April	THURSDAY
EARTH DAY	22 <sup>nd</sup> April	MONDAY
MAY DAY	1 <sup>st</sup> May	WEDNESDAY
MOTHERS DAY	18 <sup>th</sup> May	SATURDAY
INVESTITURE CEREMONY (TENTATIVE)	30 <sup>th</sup> May	THURSDAY
NELSON MANDELA DAY	18 <sup>th</sup> July	TUESDAY
INDEPENDENCE DAY	14 <sup>th</sup> August	WEDNESDAY
RAKSHABANDHAN	17 <sup>th</sup> August	SATURDAY
JANAMASHTAMI	24 <sup>th</sup> August	SATURDAY
TEACHERS DAY	5 <sup>th</sup> September	THURSDAY
BIRTHDAY MAHARAJA HARI SINGH	21 <sup>st</sup> September	SATURDAY
GANDHI JAYANTI	1 <sup>st</sup> October	TUESDAY
DANDIYA CELEBRATION	10 <sup>th</sup> October	THURSDAY
HALLOWEEN	31 <sup>st</sup> October	THURSDAY
DIWALI UTSAV	29 <sup>th</sup> October	TUESDAY
CHILDREN'S DAY	14 <sup>th</sup> November	THURSDAY
ANNUAL DAY (TENTATIVE)	29 <sup>th</sup> November	FRIDAY
CHRISTMAS CELEBRATION (KISAN DIWAS)	24 <sup>th</sup> December	TUESDAY
REPUBLIC DAY	25 <sup>th</sup> January ' 25	SATURDAY
BASANT PANCHAMI	3 <sup>rd</sup> February' 25	MONDAY
MAHASHIVRATRI	25 <sup>th</sup> February'25	TUESDAY
HOLI	14 <sup>th</sup> March'25	FRIDAY
EID-UL-FITR	31 <sup>st</sup> March'25	MONDAY