

**scientia**

TM  
INTERNATIONAL  
SCHOOL  
*Where young minds are nurtured*



# Syllabus and Yearly Planner

## Session 2024-25

### **Class :- 7th**

Opp. Radio Relay Station, Bantalab, Jammu

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# English :-

## Unit-1 Prose:

1. Three Questions
2. A gift of Chappals

## Poem:

1. The Squirrel
2. The Rebel

## Supplementary Reader :

1. The Tiny Teacher
2. Bringing up Kari

## Grammar :

1. Parts of Speech
2. Nouns
3. Adjectives
4. Articles
5. Pronouns
6. Question Tags
7. Application Writing
8. Letter Writing
9. Comprehension
10. Paragraph writing

## Term-1

### Prose:

3. Gopal and the Hilsa fish
4. The Ashes that made trees bloom
5. Quality

### Poetry:

1. The Shed
2. Chivvy
3. Trees

### Supplementary Reader:

3. The Desert
4. The Cap and the Anthem
5. Golu grows a nose

## **Grammar :**

1. Verbs [ Forms of Verbs]
  2. Verbs: Expressing the Present
  3. Verbs: Expressing the Past
  4. Verbs: Expressing the Future
  5. Modals
  6. Non- Finite Verbs
  7. Verbs: Active and Passive Voice
  8. Application Writing
  9. Article Writing
  10. Message Writing
  11. Comprehension
  12. Poster Making
- Note: Syllabus of Unit - I shall be included in Term-1.

## **Unit-2**

### **Prose :**

6. Expert Detectives
7. The Invention

### **Poetry :**

1. Mystery of the Talking Fan
2. Dad and the Cat and the Tree

### **Supplementary Reader:**

6. I want something in the Cage
7. Chandni

### **Grammar:**

1. Adverbs
2. Preposition
3. Conjunction
4. Direct and indirect speech
5. Phrases
6. Paragraph writing
7. Biographical Sketch
8. Story Writing
9. Comprehension
10. Letter Writing

## **Term-2**

### **Prose :**

8. Fire: Friend and Foe
9. A Bicycle in Good Repair
10. A story of Cricket

### **Poetry :**

1. Meadow surprises
2. Garden Snake
3. The Pandemic

### **Supplementary Reader:**

8. The Bear Story
9. A Tiger in the House
10. An Alien Hand
11. The Wrath of Heaven

### **Grammar:**

1. Clauses
2. The Sentence
3. Simple, Compound and Complex Sentences
4. Transformation of Sentences
5. Subject -Verb Agreement
6. Punctuation and Capital Letters
7. Editing
8. Essay Writing
9. E-mail Writing
10. Letter Writing
11. One Word Substitution
12. Notice Writing

**Note : Syllabus of Unit - II shall be included in Term--II.**

# Math :-

## Unit-1

Chapter : 1 Integers

Chapter : 2 Fraction and Decimals

### Activity:

Ordering integers from cutting and pasting.

## Term-1

Chapter 1 : Integers

Chapter 3 : Data handling

Chapter 4 : Simple equation

Chapter 5 : lines and angles

Chapter 6 : The triangles and it's properties

Chapter 11 : Perimeter and area

### Activity:

1. Observe heights of students of your class and find mean of 5 tallest boys of class
2. Learning equation by weighing scale method
3. Drawing different types of angles on a sheet and pasting on Chart.

## Unit-2

Chapter 7: Congruence of triangles

Chapter 8 : Comparing Quantities

### Activity:

Comparing the weights of students of your class and find the ratio between your weight and your friends weight

## Term-2

Chapter 9:Rational number

Chapter 10 :Practical geometry

Chapter 12 : Algebraic equation

Chapter 13 : Exponents and power

Chapter 14 :Symmetry

Chapter 15 :visualising of solid shape

### Activity:

- 1) Represent rational numbers on a number line using real life objects.
- 2) Constructing different types of triangles using. Compass and needle
- 3) Visualize all real life objects around you and find their area.

# Science :-

**Unit-1** Chapter 1 Nutrition in plants  
Chapter 2 Nutrition in animal

## Activity:

- 1) To show the presence of stomata in leaves
- 2) To show the presence of starch in leaves

**Term-1** Chapter 1: Nutrition in plant  
Chapter 3: Heat  
Chapter 4: Acid base and salt  
Chapter 5: Physical and chemical change  
Chapter 6: Respiration in organism  
Chapter 7: Transportation in plants and animals

## Activity:

- 1) To show the metals are good conductor of heat
- 2) To show the presence of acid base and salt in a given solution
- 3) To show how lungs work with the help of model

**Unit-2** Chapter 8: Reproduction in plants  
Chapter 9: Motion and Time

## Activity:

- 1) To show the Reproductive part of flower.
- 2) To show sand clock which can measure a time interval for 2 minutes

**Term-2** Chapter 8: Reproduction in plants  
Chapter 9: Motion and Time  
Chapter 10: Electric current and circuits  
Chapter 11: light  
Chapter 12: Forest our lifeline  
Chapter 13: Wastewater story

## Activity:

- 1) Draw standard symbol used for some basic component of electric circuit
- 2) To make an electric circuit in class
- 3) To show images formed by the spherical mirror and lenses.

# Social Science :-

## Unit-1

### CIVICS

Ch - 1 On Equality

### GEOGRAPHY

Ch-1 Environment

### Activities

Draw the domains of the environment.

Activity based on differentiating biotic and abiotic components of environment.

## Term-1

### HISTORY

Ch-1 Tracing Changes A Thousand Years

Ch-2 New Kings and Kingdom

Ch-3 The Delhi Sultan

### CIVICS

Ch- 2 Role of the Government in Health

Ch- 3 How the State Government Works

Ch- 4 Growing Up As Boys And Girls

### GEOGRAPHY

Ch- 2 Inside Our Earth

Ch- 3 Our Changing Earth

Ch- 4 Air

### Activities

Draw the interior of the earth.

Write about three healthcare programmes of Government of India.

Diagram showing layers of atmosphere

Diagram of soil profile

Note: Syllabus of Unit - I shall be included in Term-1.

## **Unit-2 HISTORY**

Ch- 4 The Mughal Empire

Ch- 5 Tribes, Nomads and Settled Communities

### **CIVICS**

Ch- 5 Women Change The World

Ch- 6 Understanding Media

### **GEOGRAPHY**

Ch- 5 Water

### **Activities**

Diagram of water cycle

Activity related to creating class newspaper.

## **Term-2 HISTORY**

Ch- 6 Devotional Path To The Divine

Ch- 7 The Making Of The Regional Culture

Ch- 8 18th Century Political Formation

### **CIVICS**

Ch- 7 Markets Around Us

Ch- 8 A Shirt in the Market

Ch- 9 Structures of Governance in Jammu Kashmir and Ladakh

### **GEOGRAPHY**

Ch- 6 Human Environment Interactions; The Tropical and Subtropical Region

Ch- 7 Life in the Deserts

Ch- 8 Jammu and Kashmir; Life and People

### **Activities**

On the map of India locate and mark the tropical and subtropical regions.

Using a map locate the natural vegetation of India.

On the map of the world mark hot and cold deserts.

Note: Syllabus of Unit - II shall be included in Term--II.

# Computer :-

## Term-1

Number system  
Functions in excel  
More in excel  
Introduction to krita  
Working in HTML 5

## Term-2

More on HTML  
Introduction to python  
More on Python  
Robotics  
Cyber ethics and digital footprints

# Moral Value :-

## Term-1

Ch.1 Wake Up Dev  
Ch.2 All is Well  
Ch.3 Ghunghroo  
Ch.4 The Poem Thief  
Ch.5 Duel of Angels

## Term-2

Ch.6 The Gift  
Ch.7 The Santoor  
Ch.8 Dump It Not  
Ch.9 Apples and Oranges

# General Knowledge :-

## Term-1

- Ch.1 Wealthiest Personalities
- Ch.2 Environmental Conservation
- Ch.3 Cyberworld and Ethics
- Ch.4 The Road to Indian Independence
- Ch.5 World War - I
- Ch.6 Sporting Events
- Ch.7 Providing Life Support
- Ch.8 The Natural Disasters of 2023
- Ch.9 The Deadliest Animals
- Ch.10 Artificial Intelligence
- Ch.11 Roads in India
- Ch.12 Global Human Crises
- Ch.13 Tennis Tournaments
- Ch.14 We Are What We Eat
- Ch.15 G 20 Summit, 2023
- Ch.16 Climate Change; Causes and Effects
- Ch.17 Types of Artificial Satellites
- Ch.18 Young Entrepreneurs of India

## Term-2

- Ch.19 The India- Middle East Europe Economic Corridor
- Ch.20 The Censor Board of India
- Ch.21 New Age Exercises
- Ch.22 Space Missions , 2023
- Ch.23 SDG's Progress Reports
- Ch.24 Artificial Intelligence of Things
- Ch.25 Traditional Painting Forms in India
- Ch.26 The Earth Summits
- Ch.27 Renowned Plays, and Playwrights
- Ch.28 National Schemes for Innovation and Digitalisation
- Ch.29 Sports Events, 2023
- Ch.30 Natural Disasters
- Ch.31 Vaccines and Immunisation Drives
- Ch.32 Global Indices and Rankings
- Ch.33 Pathbreaking Films
- Ch.34 Indian Nobel Laureates
- Ch.35 A Savings Account

# Hindi :-

## प्रथम इकाई (यू-1)

पाठ नंबर 1-हम पक्षी उन्मुक्त गगन के  
पाठ नंबर 2-हिमालय की बेटियां  
पाठ नंबर 3 मिठाई वाला

### व्याकरण वाटिका

पाठ नंबर1-भाषा ,लिपि और व्याकरण  
पाठ नंबर 2-वर्ण विचार  
पाठ नंबर 3-संधि  
पाठ नंबर 4-शब्द विचार  
पाठ नंबर 5-पर्यायवाची शब्द  
निबंध लेखन-स्वास्थ्य और व्यायाम

अनुच्छेद लेखन-ताज महल

प्रार्थनापत्र-भाई की शादी के लिए प्रधानाचार्य को प्रार्थना पत्र लिखें।

गतिविधि-नदियों से होने वाले लाभ के विषय में चर्चा कीजिए और इस विषय पर 20 पंक्तियों का निबंध लिखिए।

## प्रथम सत्र - (टी-1)

पाठ नंबर 4-पापा खो गए  
पाठ नंबर 5-शाम एक किसान  
पाठ नंबर 6-रहीम के दोहे  
पाठ नंबर 7-एक तिनका  
पाठ नंबर 8-नीलकंठ  
पाठ नंबर 9-भोर और बरखा  
पाठ नंबर 10-और भी दूँ

### व्याकरण वाटिका

पाठ नंबर 6-विलोम शब्द  
पाठ नंबर7-अनेक शब्दों के लिए एक शब्द  
पाठ नंबर 8-समरूपी भिन्नार्थक शब्द  
पाठ नंबर9-अनेकार्थी शब्द

निबंध लेखन-कंप्यूटर का बढ़ता प्रभाव

प्रार्थना पत्र-धन मंगवाने के लिए पिताजी को पत्र लिखें।

गतिविधि-आपका तथा आपके देश का नाम उज्ज्वल हो इस उद्देश्य से आप किस क्षेत्र में जाएंगे और क्यों कॉपी पर लिखें।

## द्वितीय ईकाई (यू-2)

पाठ नंबर 11-जम्मू कश्मीर की झीलें

पाठ नंबर 12 दाता रणपत

पाठनंबर 13-दोहा एकादशा

हिंदी बी व्याकरण वाटिका

पाठ नंबर 13-प्रत्यय

पाठ नंबर 14-समास

पाठ नंबर 15-संज्ञा

पाठ नंबर 16-लिंग

पाठ नंबर 17 वचन

अनुच्छेद लेखन-मैं नदी हूं

निबंध लेखन हिंदी हमारी राष्ट्रभाषा

प्रार्थना पत्र-नगर निगम के स्वास्थ्य अधिकारी को अपने क्षेत्र की सफाई के लिए पत्र लिखें।

गतिविधि-आपके माता-पिता प्रत्येक अवसर पर आपकी सहायता करते हैं। आप उनकी सहायता कैसे करेंगे कक्षा में बताएं।

## द्वितीय ईकाई (टी-2)

पाठ नंबर 14-लद्दाख का विवाह उत्सव

पाठ नंबर 15- पूंछ और राजौरी के प्रसिद्ध तीर्थ स्थान

पाठनंबर 16-स्वामी अमरनाथ की यात्रा

पाठ नंबर 17-हिमालय और हम

### व्याकरण वाटिका

पाठ नंबर 19- सर्वनाम

पाठ नंबर 20-विशेषण

पाठ नंबर 21 -क्रिया, काल

पाठ नंबर 27- विराम चिन्ह

पाठ नंबर 28 -मुहावरे

अनुच्छेद लेखन हमारा राष्ट्रीय ध्वज

पत्र-मित्र को पुरस्कार मिलने पर बधाई पत्र।

निबंध लेखन-समय नियोजन

गतिविधि-आजकल प्रदूषण के कारण हमारे आसपास का वतन दूषित हो रहा है, प्रदूषण के कारणों, प्रकार और भविष्य में जनजीवन पर पड़ने वाले प्रदूषण के प्रभाव पर एक परियोजना तैयार करें।

(वार्षिक परीक्षा में द्वितीय इकाई का पाठ्यक्रम सम्मिलित किया जाएगा)

# Urdu :-

## Unit-1

سبق نمبر ایک دو تین چار  
مضمون عید  
درخواست تحصیلدار کے نام عارضی راشن کارڈ وصول کرنے کی درخواست  
خطوط نگاری شادی میں شرکت کے لیے دوست کے نام خط  
گرامر کلمہ فعل تعریف اور اقسام واحد جمع محاورات

## Term-1

سبق نمبر پانچ چھ سات اٹھ نو دس  
مضمون کمپیوٹر تعلیم کے فائدے  
خطوط اپنے دوست کو ساتویں میں اچھے نمبرات سے پاس ہونے پر مبارکباد کا خط  
درخواست جرمانہ معاف کرنے کی درخواست  
گرامر صفت ضمیر اور اس کی اقسام محاورات واحد جمع مذکر مونث

## Unit-2

سبق نمبر 11 12 13 14  
مضمون میرا پیارا دوست  
خطوط اپنے چھوٹے بھائی کو تعلیم میں دلچسپی کے لیے خط  
گرامر حرف محاورات مذکر مونث واحد جمع

## Term-2

سبق نمبر 15 16 17 18 19 20  
مضمون کھیلوں کی اہمیت تعلیم کے فائدے  
گرامر ضمیر صفت اور اس کی اقسام محاورات واحد جمع مذکر مونث  
خطوط شادی میں شرکت کے لیے دوست کے نام خط  
درخواست فیس معاف کرنے کی درخواست

## 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.

| Schedule       | Date                | Ptm-Open House     |
|----------------|---------------------|--------------------|
| Unit Test - I  | 20th May 2024       | 1st June 2024      |
| Term - I       | 19th September 2024 | 5th October 2024   |
| Unit Test - II | 14th December 2024  | 28th December 2024 |
| Term - II      | 8th March 2025      | 22nd March 2025    |

## SPECIAL DATES

| EVENT            | DATE          | DAY     |
|------------------|---------------|---------|
| GK OLYMPIAD      | 4TH OCTOBER   | FRIDAY  |
| ENGLISH OLYMPIAD | 8TH OCTOBER   | TUESDAY |
| SCIENCE OLYMPIAD | 12TH NOVEMBER | TUESDAY |
| MATH OLYMPIAD    | 19TH NOVEMBER | TUESDAY |
| CYBER OLYMPIAD   | 20TH DECEMBER | FRIDAY  |

# 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    |