



# RUBY PARK PUBLIC SCHOOL



Syllabus

Class VI



**Syllabus  
Class VI**

Session: 2024 - 25



**ENGLISH**

| MONTH                     | READING                                     | WRITING                                 | GRAMMAR   | LITERATURE  |
|---------------------------|---|---|---|---|
| <b>APRIL</b>              | Prose Comprehension                         | Paragraph Writing                       | Sentences: Kinds  | Mellidora   |
| <b>MAY</b>                | Worksheet 1                                 | Informal Letter                         | Subject-Predicate   | Four Little Foxes (Poem)                                      |
| <b>JUNE</b>               | <b>PRE MID TERM EXAMINATION</b>             |   |   |   |
| <b>JUNE</b>               | Worksheet 2                                 | Formal Letter Composition with Inputs   | Nouns : Kinds, Number, Gender<br>Pronouns                       | Meeting Cezanne<br>Dust of Snow (Poem),<br>A Story of Cricket |
| <b>JULY</b>               | Worksheet 3                                 | Picture Composition<br>Dialogue Writing | Articles<br>Adjectives: Kinds, Degrees of Comparison, Formation | The Banyan Tree (Poem),<br>Matilda Can Do Magic               |
| <b>AUGUST</b>             | Poetry Comprehension                        | Story Writing                           | Verbs : Transitive & Intransitive                               | Wild Duck   |
| <b>AUGUST</b>             | <b>REVISION FOR HALF YEARLY EXAMINATION</b> |   |   |   |
| <b>AUGUST/SEPTEMBER</b>   | <b>HALF YEARLY EXAMINATION</b>              |   |   |   |
| <b>SEPTEMBER</b>          | Worksheet 4                                 | Describing a person / place             | Prepositions<br>Conjunctions                                    | Corvus  |
| <b>OCTOBER</b>            | Worksheet 5                                 | Describing an incident                  | Tenses  | Orpheus with His Lute (Poem)<br>Mr Young's Car                |
| <b>NOVEMBER</b>           | Worksheet 6                                 | E-mail                                  | Tenses (contd.)<br>Reported Speech                              | After the Storm (Poem)  |
| <b>NOVEMBER, DECEMBER</b> | <b>POST MID TERM EXAMINATION</b>            |   |   |   |
| <b>DECEMBER</b>           | Worksheet 9                                 | Dialogue Writing                        | Adverbs<br>Active Passive Voice                                 | Saving the Tiger<br><br>A New Name                            |



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|   |  |               |   |  |
|---|--|---------------|---|--|
| <b>JANUARY</b>  | Worksheet 7                            | Autobiography | Active Passive<br>Voice (contd.)<br>Subject-Verb<br>Agreement | Winter Oak<br>Finding the King<br>(Play) |
| <b>FEBRUARY</b>   | <b>REVISION FOR ANNUAL EXAMINATION</b> |               |   |  |
|   | <b>ANNUAL EXAMINATION</b>              |               |   |  |
| <b>Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam</b> |  |               |   |  |
| <b>LANGUAGE</b>   |  |               | <b>LITERATURE</b>   |  |
| <b>Formal Letter</b>  |  |               | <b>A Story of Cricket</b>                                     |  |
| <b>Adjectives , Transitive Intransitive Verbs</b>   |  |               | <b>Dust of Snow</b>   |  |



**2<sup>ND</sup> LANGUAGE- HINDI**

| MONTH      | LANGUAGE  | LITERATURE                                   |
|------------|---|--|
| APRIL      | अपठित गद्यांश, विलोम शब्द (1-30), पर्यायवाची शब्द (1-20), अनुच्छेद लेखन | पेड़ों के संग बढ़ना सीखो, हीरा और कोयला      |
| MAY - JUNE | PRE MID TERM EXAMINATION  |  |
| MAY        | कारक  | बड़ा कौन (कहानी संचय)                        |
| JUNE       | उपसर्ग -प्रत्यय, अनौपचारिक पत्र   | हींगवाला                                     |
| JULY       | विज्ञापन लेखन, चित्र वर्णन  | कबड्डी - कबड्डी                              |
| AUGUST     | संवाद लेखन, संबंधबोधक   | मैंने झूठ बोला था(कहानी संचय), गुरुत्व-शक्ति |
| SEPTEMBER  | REVISION FOR HALF YEARLY EXAMINATION                                    |  |
|            | HALF YEARLY EXAMINATION   |  |
| SEPTEMBER  | औपचारिक पत्र, पर्यायवाची शब्द (21-40)                                   | प्रणति                                       |
| OCTOBER    | विलोम शब्द (31-60), विज्ञापन लेखन                                       | जलते जहाज़ में                               |
| NOVEMBER   | समास, अनुच्छेद लेखन   | सिर्फ़ एक दिन, बौना और दैत्य (कहानी संचय)    |
| DECEMBER   | POST MID TERM EXAMINATION   |  |
| DECEMBER   | विराम चिह्न, मुहावरे(1-30), संवाद लेखन                                  | पद, गरीब राजा                                |
| JANUARY    | चित्र वर्णन   | परी की शर्त                                  |
| FEBRUARY   | REVISION FOR ANNUAL EXAMINATION   |  |



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**ANNUAL EXAMINATION**

**Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam**

|                   |                                      |
|-------------------|--------------------------------------|
| <b>LANGUAGE</b>   | <b>अनौपचारिक पत्र, अपठित गद्यांश</b> |
| <b>LITERATURE</b> | <b>हींगवाला</b>                      |



**2<sup>ND</sup> LANGUAGE BENGALI**

| MONTH            | LANGUAGE   | LITERATURE  |
|------------------|--|---|
| APRIL            | নির্মিতি - বোধ পরীক্ষণ<br>ব্যাকরণ - বিপরীত শব্দ  | ছাত্রদলের গান (কবিতা)<br>কুঁজো ও ভুত(সহায়ক পাঠ)          |
| MAY              | ব্যাকরণ - লিঙ্গ<br>পরিবর্তন<br>নির্মিতি - অনুচ্ছেদ<br>রচনা   | বিদুষক(গদ্য)  |
| JUNE             | PRE MID TERM EXAMINATION   |   |
| JUNE             | ব্যাকরণ - ধ্বনি - বর্ণ,<br>শব্দ, পদ<br>পদের শ্রেণীবিভাগ<br>পদান্তর<br>নির্মিতি - বোধ পরীক্ষণ<br>পত্রলিখন | বিদুষক(পুনরালোচনা)<br>সুখ - দুঃখ(কবিতা)                   |
| JULY             | ব্যাকরণ - সন্ধি, সংজ্ঞা<br>শ্রেণীবিভাগ<br>স্বরসন্ধি<br>নির্মিতি - বোধ পরীক্ষণ                            | সিদ্ধার্থের দয়া (কবিতা)<br>বুদ্ধিমন্ত(সহায়ক পাঠ)        |
| AUGUST           | নির্মিতি - বোধ পরীক্ষণ   | পদ্মার বুকে ঝড়(গদ্য)                                     |
| AUGUST           | REVISION FOR HALF YEARLY<br>EXAMINATION  |   |
| AUGUST-SEPTEMBER | HALF YEARLY EXAMINATION  |   |
| SEPTEMBER        | ব্যাকরণ - বাক্য শ্রেণী<br>বিভাগ<br>বাক্য পরিবর্তন  | বিবেকানন্দের<br>ছেলেবেলা(গদ্য)<br>দশরথের উপদেশ<br>(কবিতা) |
| OCTOBER          | ব্যাকরণ - বাক্য<br>পরিবর্তন (সরল,<br>জটিল যৌগিক)   | সকল দেশের সেরা(কবিতা)                                     |
| NOVEMBER         | নির্মিতি - গল্পলিখন  | মধুর তোমার শেষ যে না<br>পাই(গদ্য)                         |



|                                |   |   |
|--------------------------------|---|---|
| <b>NOVEMBER -<br/>DECEMBER</b> | <b>POST MID TERM EXAMINATION</b>              |   |
| <b>DECEMBER</b>                | ব্যাকরণ - সমার্থক শব্দ<br>নির্মিতি - পত্রলিখন | রাজার অসুখ (গদ্য)<br>রথযাত্রা(সহায়ক পাঠ) |
| <b>JANUARY</b>                 | নির্মিতি - বোধ পরীক্ষণ                        | আমার দেশ(কবিতা)                           |
|                                | <b>REVISION FOR ANNUAL EXAMINATION</b>        |   |
| <b>FEBRUARY</b>                | <b>ANNUAL EXAMINATION</b>                     |   |

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| <b>LANGUAGE</b>           | <b>LITERATURE</b>           |
|---------------------------|-----------------------------|
| বিপরীত শব্দ,<br>স্বরসন্ধি | পদ্মার বুকে ঝড়, বুদ্ধিমন্ত |



**3<sup>RD</sup> LANGUAGE- HINDI**

| MONTH                     | LANGUAGE                               | LITERATURE  |
|---------------------------|--|---|
| APRIL                     | वर्णमाला, दो, तीन, चार अक्षर वाले शब्द | मात्रा, बिंदु, चंद्रबिंदु, विसर्ग, र-रेफ़ तथा पदेन मात्रा, प्यारी बगिया (कविता) |
| MAY                       | संज्ञा                                 | संयुक्ताक्षर  |
| JUNE                      | PRE MID TERM EXAMINATION               |   |
| JUNE                      | विलोम शब्द                             | सच्चा मित्र   |
| JULY                      | सर्वनाम, विशेषण                        | बादल आए (कविता)   |
| AUGUST                    | लिंग, वचन, अपठित गद्यांश               | एकता में बल है  |
| AUGUST<br>-<br>SEPTEMBER  | REVISION FOR HALF YEARLY EXAMINATION   |   |
|                           | HALF YEARLY EXAMINATION                |   |
| SEPTEMBER                 | क्रिया                                 | कृष्ण सुदामा की मित्रता   |
| OCTOBER                   | पर्यायवाची शब्द                        | मैं विद्यालय जाऊँगी (कविता)   |
| NOVEMBER                  | कहानी लेखन                             | शांति की दूत: मदर टेरेसा  |
| NOVEMBER<br>-<br>DECEMBER | POST MID TERM EXAMINATION              |   |
| DECEMBER                  | अनेक शब्दों के लिए एक शब्द             | काली कोयल   |
| JANUARY                   | अपठित गद्यांश                          | हमारे सहयोगी  |
| FEBRUARY                  | REVISION FOR ANNUAL EXAMINATION        |   |
|                           | ANNUAL EXAMINATION                     |   |





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|                   |  |
|-------------------|--|
| <b>LANGUAGE</b>   |  |
| विशेषण, लिंग, वचन |  |



## 3<sup>RD</sup> LANGUAGE- BENGALI

| MONTH                 | LANGUAGE   | LITERATURE  |
|-----------------------|--|---|
| APRIL                 | স্বরবর্ণ, ব্যঞ্জনবর্ণ,<br>সঠিক শব্দ গঠন (অ-কার<br>আ-কার থেকে ঔ কার<br>এবং ঞ থেকে যুক্ত বর্ণ),<br>হাতের লেখা। | -----   |
| MAY                   | যুক্তাক্ষর, শব্দ গঠন,<br>হাতের লেখা  | -----   |
| JUNE                  | PRE MID TERM EXAMINATION   |   |
| JUNE                  | সঠিক বাক্য গঠন,<br>এলোমেলো শব্দ সাজিয়ে<br>লেখ   | পড়শি কুটুম ( পশু, ফুল,<br>ফল, পাখি)                |
| JULY                  | ব্যাকরণ - সমার্থক শব্দ<br>(অনেক শব্দ এক মানে)<br>যুক্তাক্ষর শব্দ<br>নির্মিতি - বোধ পরীক্ষণ                   | পড়শি কুটুম (গাছ,<br>পোকামাকড়)<br>ছোট নদী ( কবিতা) |
| AUGUST                | সংখ্যা - কথায় (১ -৫০)<br>নির্মিতি -বোধ পরীক্ষণ  | ছোট নদী ( কবিতা)                                    |
| AUGUST                | REVISION FOR HALF YEARLY<br>EXAMINATION  |   |
| AUGUST -<br>SEPTEMBER | HALF YEARLY EXAMINATION  |   |
| SEPTEMBER             | সংখ্যা - কথায় (৫১ -১০০)<br>ব্যাকরণ - পদ - বিশেষ্য,<br>বিশেষণ, সর্বনাম                                       | চাষির চাপাটি (গদ্য)                                 |
| OCTOBER               | ব্যাকরণ - পদ - বিশেষ্য,<br>সর্বনাম   | ময়না (কবিতা)                                       |
| NOVEMBER              | ব্যাকরণ -<br>পদ - বিশেষণ, অব্যয়,<br>ক্রিয়া   | শেয়ানা শেয়াল ( গদ্য)                              |



|                                |   |                            |
|--------------------------------|---|----------------------------|
| <b>NOVEMBER -<br/>DECEMBER</b> | <b>POST MID TERM EXAMINATION</b>                        |                            |
| <b>DECEMBER</b>                | <b>ক্রিয়ার কাল, বাংলা মাস,<br/>বছর, দিন, ঋতু, উৎসব</b> | <b>নরেনের সরলতা (গদ্য)</b> |
| <b>JANUARY</b>                 | <b>পুনরালোচনা</b>                                       | <b>পুনরালোচনা</b>          |
|                                | <b>REVISION FOR ANNUAL EXAMINATION</b>                  |                            |
| <b>FEBRUARY</b>                | <b>ANNUAL EXAMINATION</b>                               |                            |

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|                        |                               |
|------------------------|-------------------------------|
| <b>LANGUAGE</b>        | <b>LITERATURE</b>             |
| <b>যুক্তাক্ষর শব্দ</b> | <b>পড়শি কুটুম(পোকামাকড়)</b> |



**3<sup>RD</sup> LANGUAGE- SANSKRIT**

| MONTH  | LANGUAGE  | LITERATURE                            |
|--|---|---------------------------------------|
| APRIL  | अकारान्त (पु), आकारान्त (स्त्री), अकारान्त (नपुं) | संस्कृतवर्णमाला,<br>संस्कृतशब्दपरिचयः |
| MAY - JUNE   | PRE MID TERM EXAMINATION                          |                                       |
| MAY  | तीनों पुरुषों का सामान्य ज्ञान,अपठितगद्यांश       | धातुपरिचयः                            |
| JUNE   | चित्रवर्णनम्                                      | प्रथमपुरुष(त्रिषु लिंगेषु)            |
| JULY   | अपठितगद्यांश; चित्रवर्णनम्                        | मध्यमपुरुष;<br>उत्तमपुरुष;अव्ययपदानि  |
| AUGUST   | प्रमुख अव्ययों का चार्ट, शब्दरूपाणि-बालक          | कर्ताकारक, कर्मकारक                   |
| SEPTEMBER  | REVISION FOR HALF YEARLY EXAMINATION              |                                       |
|  | HALF YEARLY EXAMINATION                           |                                       |
| SEPTEMBER  | शब्दरूपाणि-लता, धातुरूपाणि                        | करणकारक,                              |
| OCTOBER  | समयलेखनम्, अपठितगद्यांशः                          | सम्प्रदानकारक                         |
| NOVEMBER   | चित्रवर्णनम्,संख्यावाचकशब्दा;शब्दरूप-फल           | अपादानकारक,संबंध                      |
| DECEMBER   | POST MID TERM EXAMINATION                         |                                       |
| DECEMBER   | संख्यावाचकशब्दा; अपठितगद्यांशः                    | अधिकरणकारक,<br>सम्बोधन,सप्तश्लोकाः    |
| JANUARY  | पुनरावृत्तिः                                      | संख्यावाचिनः<br>शब्दा;पुनरावृत्तिः    |
| FEBRUARY   | REVISION FOR ANNUAL EXAMINATION                   |                                       |
|  | ANNUAL EXAMINATION                                |                                       |
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|  | LANGUAGE  | अपठितगद्यांशः,<br>चित्रवर्णनम्        |
|  | LITERATURE  | धातुपरिचयः, प्रथम-पुरुषः              |



### 3<sup>RD</sup> LANGUAGE- FRENCH

| MONTH      | CHAPTER                                     | CHAPTER NAME             | SUB-TOPIC   |
|------------|---|--------------------------|---|
| APRIL      | Leçon-1                                     | Comment ça va?           | L'alphabet<br>Les salutations (Saluer / Remercier)<br>La carte de France  |
| MAY – JUNE | <b>PRE MID TERM EXAMINATION</b>             |                          |   |
| MAY        | Leçon- 2                                    | Je m'appelle .....       | Poser des questions(Le nom, L'âge, L'adresse)<br>Les nombres de 0 à 20<br>Présentez-vous!   |
| JUNE       | Leçon- 3                                    | Dans la classe           | Pronoms<br>Le verbe être<br>Qu'est-ce que c'est ?<br>Les articles indéfinis<br>Les couleurs et les formes<br>Les nombres de 21 à 60 |
| JULY       | Leçon-4                                     | Je suis..                | Qui est-ce ?<br>Les métiers<br>L'accord des adjectifs<br>Décrivez quelqu'un   |
| AUGUST     | Leçon- 5                                    | Festival international   | Les articles définis<br>Les pays et les nationalités<br>La négation Les nombres de 61 à 100<br>Décrivez la France et l'Inde         |
| AUGUST     | <b>REVISION FOR HALF YEARLY EXAMINATION</b> |                          |   |
| SEPTEMBER  | <b>HALF YEARLY EXAMINATION</b>              |                          |   |
| SEPTEMBER  | Leçon-6                                     | Les animaux de compagnie | Le verbe avoir<br>Les parties du corps<br>Les verbes<<ER>>  |
| OCTOBER    | Leçon-6                                     | Les animaux de compagnie | Question – combien de   |
| NOVEMBER   | Leçon-7                                     | J'adore le français !    | Les jours de la semaine / les mois de l'année<br>Quelle est votre matière favorite  |



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|                 |           |  |  |
|-----------------|-----------|--|--|
|                 |           |  | et pourquoi?                                       |
| <b>NOVEMBER</b> | Leçon- 8  | Le frigo de Kevin                      | Les fruits et les légumes                          |
| <b>DECEMBER</b> |           | <b>POST MID TERM EXAMINATION</b>       |  |
| <b>DECEMBER</b> | Leçon- 9  | La famille                             | Les adjectifs possessifs<br>Décrivez votre famille |
| <b>JANUARY</b>  | Leçon- 10 | Joyeux<br>anniversaire !               | Les fêtes françaises<br>L'invitation               |
| <b>FEBRUARY</b> |           | <b>REVISION FOR ANNUAL EXAMINATION</b> |  |
|                 |           | <b>ANNUAL EXAMINATION</b>              |  |

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être and avoir verbs, les articles : définis et indéfinis



## MATHEMATICS

| MONTH            | CHAPTER                                     | SUB-TOPIC  |
|------------------|---|--|
| APRIL            | Knowing Our Numbers                         | Comparing and ordering of large numbers<br>Indian and International numeration<br>Word problems  |
| APRIL            | Whole Numbers                               | Predecessor and successor<br>Addition, subtraction and multiplication on the Number Line   |
| MAY-JUNE         | <b>PRE MID TERM EXAMINATION</b>             |  |
| JUNE             | Playing With Numbers                        | Factors and multiples<br>Prime and Composite numbers<br>Tests for divisibility of numbers<br>Common factors and common multiples<br>HCF and LCM<br>Problems on HCF and LCM             |
| JULY             | Basic Geometrical Ideas                     | Points, line- segment, line, intersecting lines, parallel lines, rays, curves, polygons, angles  |
| JULY             | Understanding Elementary Shapes             | Measuring line segments, Angles and its types, Measuring angles, perpendicular lines, Classification of triangles, Quadrilaterals, Polygons  |
| AUGUST           | Integers                                    | Representation of integers on a number line<br>Comparing integers, ordering of integers<br>Addition and subtraction of integers  |
| AUGUST           | Fractions                                   | Fractions on a number line<br>Types of Fractions<br>Equivalent Fractions<br>Simplest form of fractions<br>Comparing like and unlike fractions<br>Addition and subtraction of fractions |
| AUGUST           | <b>REVISION FOR HALF YEARLY EXAMINATION</b> |  |
| AUGUST-SEPTEMBER | <b>HALF YEARLY EXAMINATION</b>              |  |



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|   |  |  |
|---|--|--|
| <b>SEPTEMBER</b>  | Decimals                               | Place value chart<br>Comparing decimal<br>Use of decimal in money, length, weight<br>Addition and subtraction of decimals<br>Word Problems on addition and subtraction of decimals |
| <b>OCTOBER</b>  | Data Handling                          | Recording of data<br>Organizing data, tally marks<br>Pictograph  |
| <b>NOVEMBER</b>   | Mensuration                            | Perimeter of square, rectangle and other regular and irregular shapes<br>Area of irregular shapes<br>Area of squares and rectangles<br>Real life applications                      |
| <b>NOVEMBER-DECEMBER</b>  | <b>POST MID TERM EXAMINATION</b>       |  |
| <b>DECEMBER</b>   | Algebra                                | Matchstick pattern<br>Concept of a variable and constant<br>The use of variables in common rules<br>Forming expressions with variables   |
| <b>DECEMBER/JANUARY</b>   | Ratio Proportion And Unitary Method    | Concept of Ratio, Concept of Proportion, Application of Unitary Method   |
| <b>JANUARY</b>  | <b>REVISION FOR ANNUAL EXAMINATION</b> |  |
| <b>FEBRUARY</b>   | <b>ANNUAL EXAMINATION</b>              |  |
| <b>Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam</b> |  |  |
| <b>Playing With Numbers</b>   |  |  |
| <b>Fractions</b>  |  |  |





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**PHYSICS**

| <b>MONTH</b>    | <b>CHAPTER</b>                     | <b>SUB-TOPIC</b>  |
|-----------------|------------------------------------|---|
| <b>APRIL</b>    | Motion and Measurement of Distance | History of Transport<br>Measurement—<br>History of measurement<br>Standard Units- Multiple and Submultiples<br>Advantage of Si unit |
| <b>MAY-JUNE</b> | <b>PRE MID-TERM EXAM</b>           |   |
| <b>MAY</b>      | Motion and Measurement of Distance | Measurement of Length<br>Need for accurate measurement<br>Parallax error<br>In case of damaged zero mark of the scale               |
| <b>JUNE</b>     |                                    | Measuring small Thickness,<br>Measuring the length of a curved line<br>Importance of Estimation.                                    |



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|                  |   |   |
|------------------|---|---|
| <b>JULY</b>      |   | Types of motion<br>Translatory,<br>Circular,<br>Rotational motion, Random<br>Oscillatory, Periodic motion,<br>Different motion at same time,<br>uniform, non-uniform motion |
| <b>JULY</b>      | Light, Shadow and<br>Reflection             | Introduction: Speed of light,<br>Source of light- Natural and<br>Artificial   |
| <b>AUGUST</b>    |   | Hot and cold sources, Transparent,<br>Translucent and Opaque Objects,<br>light Travels in a straight line,<br>Rays and Beams  |
| <b>AUGUST</b>    | <b>REVISION FOR HALF YEARLY EXAMINATION</b> |   |
| <b>AUGUST</b>    | <b>HALF YEARLY EXAMINATION</b>              |   |
| <b>SEPTEMBER</b> | Light, Shadow and<br>Reflection             | Shadow, Eclipses- Solar Eclipse,<br>Lunar Eclipse, Pin hole Camera  |
| <b>OCTOBER</b>   |   | Plane mirror and reflection of light<br>Regular and irregular reflection<br>Image and Shadow<br>Periscope and Kaleidoscope  |



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|                 |  |  |
|-----------------|--|--|
| <b>NOVEMBER</b> | Electricity and circuit                | Electric current<br>Sources of electric current, Electric torch<br>Conductors and insulators,<br>Electrical safety |
| <b>NOVEMBER</b> | <b>POST MID-TERM EXAMINATION</b>       |  |
| <b>DECEMBER</b> | Magnets                                | History of magnets<br>Natural and human made magnets<br>Magnetism and Magnetic field<br>Properties of magnets      |
| <b>JANUARY</b>  |  | Types of magnets<br>Preserving magnets   |
| <b>JANUARY</b>  | <b>REVISION FOR ANNUAL EXAMINATION</b> |  |
| <b>FEBRUARY</b> | <b>ANNUAL EXAMINATION</b>              |  |

**Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam**

**Light, Shadow and Reflection**



**CHEMISTRY**

| <b>MONTH</b>              | <b>CHAPTER</b>                              | <b>SUB-TOPIC</b>   |
|---------------------------|---|--|
| <b>APRIL</b>              | Matter and its nature                       | Matter and its states.<br>Change in state of matter.<br>Composition of matter.<br>Homogeneous and heterogeneous substances.                                  |
| <b>MAY</b>                | Matter and its nature                       | The building block of matter (atoms and molecules).  |
| <b>JUNE</b>               | <b>PRE MID TERM EXAMINATION</b>             |  |
| <b>JUNE</b>               | Matter and its nature                       | What are atoms made of?<br>Basic structure of atom.  |
| <b>JULY</b>               | Sorting materials into groups               | Diversity of objects.<br>Classification.<br>Natural and man made materials.<br>Properties of materials - appearance and lustre, hardness, texture and state. |
| <b>AUGUST</b>             | Sorting materials into groups               | Properties of materials - transparency, solubility, magnetic property.   |
| <b>AUGUST</b>             | <b>REVISION FOR HALF YEARLY EXAMINATION</b> |  |
| <b>AUGUST - SEPTEMBER</b> | <b>HALF YEARLY EXAMINATION</b>              |  |
| <b>SEPTEMBER</b>          | Separation of substances                    | Pure substances and mixtures.<br>Need for separation.<br>Methods of separation - solid-solid mixtures.   |
| <b>OCTOBER</b>            | Separation of substances                    | Methods of separation - solid-liquid mixtures, liquid-liquid mixtures.<br>Separation by using combination of methods.<br>Solution.                           |
| <b>NOVEMBER</b>           | Air around us                               | Air, properties of air.<br>Composition of air.<br>Air supports life.   |
| <b>NOVEMBER-DECEMBER</b>  | <b>POST MID TERM EXAMINATION</b>            |  |



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|   |  |   |
|---|--|---|
| <b>DECEMBER</b>   | Air around us                          | Role of atmosphere.<br>Balance of O <sub>2</sub> and CO <sub>2</sub> in nature. |
| <b>JANUARY</b>  | Air around us                          | Air pollution.  |
|   | <b>REVISION FOR ANNUAL EXAMINATION</b> |   |
| <b>FEBRUARY</b>   | <b>ANNUAL EXAMINATION</b>              |   |
| <b>Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam:</b>  |  |   |
| <b>Matter and its nature [The building block of matter (atoms and molecules), what are atoms made of and basic structure of atom]</b> |  |   |



## BIOLOGY

| MONTH | CHAPTER NO.                     | CHAPTER   | SUB-TOPIC  |
|-------|---------------------------------|---|--|
| APRIL | 6                               | The Living Organisms – Characteristics and Habitats | <ul style="list-style-type: none"> <li>· Living beings and their characteristics</li> <li>· Adaptation and Habitat (Introduction)</li> <li>· Components of a Habitat (Biotic Components)</li> </ul>  |
| MAY   | 6                               | The Living Organisms – Characteristics and Habitats | <ul style="list-style-type: none"> <li>· Components of a Habitat (Biotic Components)</li> </ul>  |
| JUNE  | <b>PRE-MID TERM EXAMINATION</b> |   |  |
| JUNE  | 6                               | The Living Organisms – Characteristics and Habitats | <ul style="list-style-type: none"> <li>· Components of a Habitat (Abiotic Components)               <ul style="list-style-type: none"> <li>· Types of Habitats                   <ul style="list-style-type: none"> <li>• Aquatic Habitat</li> <li>• Terrestrial Habitat</li> </ul> </li> </ul> </li> </ul>  |
|       | 5                               | Body Movements                                      | <ul style="list-style-type: none"> <li>· Movement               <ul style="list-style-type: none"> <li>· Movement in Human Beings (Introduction)                   <ul style="list-style-type: none"> <li>· Skeletal System – Endoskeleton and exoskeleton                       <ul style="list-style-type: none"> <li>· Skull</li> </ul> </li> <li>· Vertebral Column</li> </ul> </li> </ul> </li> </ul> |
| JULY  | 5                               | Body Movements                                      | <ul style="list-style-type: none"> <li>· Rib cage</li> <li>· Girdles</li> <li>· Limbs</li> <li>· Joints</li> </ul>   |



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|  |   |                        |  |
|--|---|------------------------|--|
| <b>AUGUST</b>  | 5   | Body Movements         | <ul style="list-style-type: none"> <li>· Movement and Muscles</li> <li>· Dislocation and fracture of bones</li> </ul>  |
| <b>AUGUST</b>  | <b>REVISION FOR HALF YEARLY EXAMINATION</b> |                        |  |
| <b>AUGUST - SEPTEMBER</b>  | <b>HALF YEARLY EXAMINATION</b>              |                        |  |
| <b>SEPTEMBER</b>   | 5   | Body Movements         | Movement in other animals  |
| <b>OCTOBER</b>   | 4   | Getting to Know Plants | <ul style="list-style-type: none"> <li>· Flowering and non-flowering plants</li> <li>· Classification of plants (Herbs, Shrubs and Trees) <ul style="list-style-type: none"> <li>· Plant System (Introduction)</li> <li>· Root System</li> </ul> </li> </ul> |
| <b>NOVEMBER</b>  | 4   | Getting to Know Plants | <ul style="list-style-type: none"> <li>· Shoot System <ul style="list-style-type: none"> <li>ü Stem</li> <li>ü Leaf</li> </ul> </li> </ul>   |
| <b>NOVEMBER - DECEMBER</b>   | <b>POST-MID TERM EXAMINATION</b>            |                        |  |
| <b>DECEMBER</b>  | 4   | Getting to Know Plants | <ul style="list-style-type: none"> <li>· Flower</li> <li>· Pollination</li> </ul>  |
| <b>JANUARY</b>   | Components of Food – Activities             |                        |  |
|  | <b>REVISION FOR ANNUAL EXAMINATION</b>      |                        |  |
| <b>FEBRUARY</b>  | <b>ANNUAL EXAMINATION</b>                   |                        |  |
| <b>Topics from Term 1 Syllabus covered before Half Yearly Examination to be included in the Annual Examination</b> |   |                        |  |
| <b>Body Movements</b>  |   |                        |  |

**N.B – Components of Food –**

Rationalized by NCERT and will not be assessed. However, it is going to be a part of activity based learning.



## **GEOGRAPHY**

| <b>MONTH</b> | <b>CHAPTER</b>                       | <b>SUB-TOPIC</b>   |
|--------------|--------------------------------------|--|
| <b>APRIL</b> | Mapping Your Neighbourhood           | Globe<br>Map-Types of Map<br>Scale- Types of scale<br>Components of a Map-Direction, conventional symbols, title.<br>Uses of maps<br>Sketch and Plan |
| <b>MAY</b>   | Rotation and Revolution of the Earth | Earth's Movements<br>Rotation<br>Effects of Rotation   |
| <b>JUNE</b>  | <b>PRE MID TERM EXAMINATION</b>      |  |
| <b>JUNE</b>  | Rotation and Revolution of the Earth | Revolution<br>Effects of Revolution<br>Solstice and Equinox<br>Latitudes and Longitudes<br>Heat Zones  |
| <b>JULY</b>  | Rotation and Revolution of the Earth | Locating places on Earth<br>Local Time and Standard Time<br>International Date Line  |





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|                               |  |  |
|-------------------------------|--|--|
|                               | Overview of the Indian Subcontinent              | Northern Mountains<br>Northern Plains<br>Great Indian Desert                     |
| <b>AUGUST</b>                 | Overview of the Indian Subcontinent              | Peninsular Plateau<br>Coastal Plains<br>Islands                                  |
| <b>AUGUST</b>                 | <b>REVISION FOR HALF YEARLY EXAMINATION</b>      |  |
| <b>AUGUST-<br/>SEPTEMBER</b>  | <b>HALF YEARLY EXAMINATION</b>                   |  |
| <b>SEPTEMBER</b>              | Overview of the Indian Subcontinent-Case Studies | Himachal Pradesh- a Hill/Mountain State  |
| <b>OCTOBER</b>                | Overview of the Indian Subcontinent-Case Studies | Rajasthan-a Desert State<br><br>Bihar- a State in the Plains                     |
| <b>NOVEMBER</b>               | Overview of the Indian Subcontinent-Case Studies | Madhya Pradesh- a State in the Plateau Region<br><br>The Coastal State of Kerala |
| <b>NOVEMBER-<br/>DECEMBER</b> | <b>POST MID TERM EXAMINATION</b>                 |  |
| <b>DECEMBER</b>               | Japan- Geographical Features                     | Geographical features<br>Agricultural Resources                                  |
| <b>JANUARY</b>                | Japan- Geographical Features                     | Forest Resources<br>Mineral Resources  |



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|                 |  |   |
|-----------------|--|---|
|                 | Japan- Society, Culture and Economy  | Industries, Trade and Commerce of Japan |
| <b>JANUARY</b>  | <b>REVISION FOR ANNUAL EXAMINATION</b>   |   |
| <b>FEBRUARY</b> | <b>ANNUAL EXAMINATION</b>  |   |
| <b>N.B.</b>     | Activities included during the Bridge Month Programme will not be assessed except the maps and diagrams. |   |

**Selected Topics from Term 1 Syllabus covered before HY Exam shall be included in the Annual Exam.**



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**HISTORY**



| MONTH                    | UNIT | TOPICS/CHAPTERS                         | SUB TOPICS                            |
|--------------------------|------|---|---------------------------------------|
| APRIL                    | 1    | History -When where and how             | What is History? (definition)         |
|                          |      |   | Why do we study the past?             |
|                          |      |   | Dates in History                      |
|                          |      |   | Period and Periodisation              |
|                          |      |   | How do we study the past?             |
|                          |      |   | Sources of Ancient Indian             |
|                          |      |   | Geographical location                 |
|                          |      |   | What is History? (definition)         |
|                          |      |   | Why do we study the past?             |
|                          |      |   | Dates in History                      |
| Period and Periodisation |      |   |                                       |
| APRIL                    | 2    | Understanding Diversity                 | What is diversity?                    |
|                          |      |   | Diversity in India                    |
|                          |      |   | What does diversity add to our lives? |
|                          |      |   | What is diversity?                    |
|                          |      |   | Diversity in India                    |
| APRIL -MAY               | 21   | Prejudice Discrimination and Inequality | Prejudice                             |
|                          |      |   | Causes of Prejudice                   |
|                          |      |   | Effects of Prejudice                  |
|                          |      |   | Steps necessary to reduce prejudice   |



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|                                 |    |                         |   |
|---------------------------------|----|-------------------------|---|
|                                 |    |                         | Stereotype  |
|                                 |    |                         | Discrimination and Inequality                                     |
|                                 |    |                         | Religion and discrimination                                       |
|                                 |    |                         | Striving for equality   |
| <b>PRE MID TERM EXAMINATION</b> |    |                         |   |
| <b>JUNE</b>                     | 2  | Earliest Societies      | Understanding Prehistory  |
|                                 |    |                         | The Stone Age   |
|                                 |    |                         | Case study: Nevasa and Kurnool                                    |
|                                 |    |                         | Social Practices and religious beliefs                            |
|                                 |    |                         | Case study: The North west and North east                         |
| <b>JUNE -JULY</b>               | 3  | Civilisation and Cities | The unveiling of Harappa  |
|                                 |    |                         | Features of civilisation  |
|                                 |    |                         | Social life clothes, ornaments and other articles of everyday use |
|                                 |    |                         | Case study: The North-west  |
|                                 |    |                         | Decline of the civilisation                                       |
|                                 | 22 | Government              | What is a Government?   |
|                                 |    |                         | Types of Government   |



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|               |    |                        |   |
|---------------|----|------------------------|---|
| <b>JULY</b>   |    |                        | The need for Government                           |
|               |    |                        | Organs of Government in India                     |
|               |    |                        | Levels of Government in India                     |
|               |    |                        | Decision making and participation in Democracy    |
|               |    |                        | Importance of Democracy                           |
|               | 25 | Rural Urban Livelihood | Types of Occupation                               |
|               |    |                        | Means of livelihood in rural areas                |
|               |    |                        | Rural indebtedness                                |
|               |    |                        | Government initiatives                            |
|               |    |                        | Different types of employment                     |
|               |    |                        | Migration   |
| <b>AUGUST</b> | 4  | Vedic Age              | The Indo-Aryans                                   |
|               |    |                        | The Vedas   |
|               |    |                        | Early Vedic Period                                |
|               |    |                        | Later Vedic Period                                |
|               |    |                        | Case study: Deccan (Megalithic cultures in India) |



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| <b>AUGUST</b>    | <b>REVISION FOR HALF YEARLY EXAMINATION</b> |   |   |
|------------------|---|---|---|
| <b>SEPTEMBER</b> | <b>HALF -YEARLY EXAMINATION</b>             |   |   |
| <b>OCTOBER</b>   | 5   | Early Empires   | Janapadas and Mahajanapadas                     |
|                  |   |   | Types of Government                             |
|                  |   |   | Republics (Ganasanghas)                         |
|                  |   |   | Trade and urbanization                          |
|                  | 24  | Local Self Government-<br>Rural and Urban<br>Administration | Need and importance of Local<br>Self-Government |
|                  |   |   | Panchayati Raj System                           |
|                  |   |   | Organisation of a gram<br>Panchayat             |
|                  |   |   | The Gram Panchayat                              |
|                  |   |   | Panchayat Samiti at the<br>intermediate level   |
|                  |   |   | Functions of the Panchayati<br>Raj Institutions |
|                  |   |   | Urban Administration                            |
|                  |   |   | Municipal Corporation                           |
|                  |   |   |   |
|                  |   |   |   |
| <b>NOVEMBER</b>  | 6   | New Ideas and Religion                                      | Upanishads                                      |
|                  |   |   | Rise of new religions: Causes                   |
|                  |   |   | Jainism and Vardhamana<br>Mahavira              |
|                  |   |   | Buddhism and Gautama<br>Buddha                  |



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|                             |                                  |                        |  |
|-----------------------------|----------------------------------|------------------------|--|
|                             |                                  |                        | Organisation and Residence               |
|                             |                                  |                        | Monasteries and Viharas                  |
|                             | 11                               | Culture and Science    | Literature                               |
|                             |                                  |                        | Science                                  |
|                             |                                  |                        | Art and Architecture                     |
| <b>DECEMBER</b>             | <b>POST MID TERM EXAMINATION</b> |                        |  |
| <b>DECEMBER</b>             | 7                                | The First empire       | The Beginning                            |
|                             |                                  |                        | Chandragupta Maurya                      |
|                             |                                  |                        | Bindusara                                |
|                             |                                  |                        | Ashoka the Great                         |
|                             |                                  |                        | Kalinga War and its impact               |
|                             |                                  |                        | Ashokan Edicts                           |
|                             |                                  |                        | The Mauryan Administration               |
| <b>DECEMBER<br/>JANUARY</b> | 10                               | Political Developments | The Sources:Charita kavyas and Prasastis |
|                             |                                  |                        | The Gupta Dynasty                        |
|                             |                                  |                        | Administering Empires                    |
|                             |                                  |                        | New developments in administration       |
|                             |                                  |                        | Emergence of new kingdoms                |
|                             |                                  |                        | Kingdoms of South India                  |



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|                 |  |  |   |
|-----------------|--|--|---|
|                 |  |  | Local Governance: The role of assemblies in South India |
| <b>JANUARY</b>  | <b>REVISION FOR ANNUAL EXAMINATION</b> |  |   |
| <b>FEBRUARY</b> | <b>ANNUAL EXAMINATION</b>              |  |   |

**Topics from term I syllabus covered before HY examination to be included in the Annual Examination**

|                      |                   |
|----------------------|-------------------|
| <b>History</b>       | <b>Civics</b>     |
| <b>The Vedic Age</b> | <b>Government</b> |





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**COMPUTER**

| MONTH | UNIT                            | TOPIC                      | SUB- TOPIC   |
|-------|---------------------------------|----------------------------|--|
| APRIL | 1.                              | Creating Simple Images     | Creating a new image file, setting Image Size, Using pencil to create an Image , Changing Background - applying Colors, Blends.  |
|       | 2.                              | Using Selection Tools      | Using Selection Tools- Rectangle, Ellipse, Free select, Scissor select, Select by Color.   |
| MAY   | 2.                              | Using Selection Tools      | Adding and subtracting Selections.   |
| JUNE  | <b>PRE MID TERM EXAMINATION</b> |                            |  |
| JUNE  | 3.                              | Creating Collage           | Copying and pasting images, Combining images using layers, Feathering selection, Setting opacity of layers, Transforming images. |
| JULY  | 4.                              | Emphasizing Images         | Using Text Tool, Layer Mask.   |
|       | 5.                              | Managing Images            | Using Color Balancing, Changing Brightness and Contrast, Rectifying Damages – Clone Tool & Heal Tool.                            |
|       | 6.                              | Introduction to Networking | Define network, Importance of networking , LAN,MAN & WAN) Protocols, Topologies.   |



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|                               |   |   |   |
|-------------------------------|---|---|---|
| <b>AUGUST</b>                 | 7.  | Beginning with Programming                | Introduction to PLT & Algorithm ,<br>Creating Basic Pseudo code Practice,<br>Exercise for Creating Pseudo code.                         |
| <b>AUGUST</b>                 | <b>REVISION FOR HALF YEARLY EXAMINATION</b> |   |   |
| <b>AUGUST –<br/>SEPTEMBER</b> | <b>HALF YEARLY EXAMINATION</b>              |   |   |
| <b>SEPTEMBER</b>              | 8.  | Programming with QBASIC                   | Creating a simple QBASIC Program<br>using print statements, arithmetic<br>operators.  |
| <b>OCTOBER</b>                | 8.  | Programming with QBASIC<br>(Continuation) | Input & print statements.   |
| <b>NOVEMBER</b>               | 9.  | Programming<br>Using Flowcharts           | Creating Flowcharts, Creating Programs<br>Using Flowcharts.   |
| <b>NOVEMBER-<br/>DECEMBER</b> | <b>POST-MID-TERM EXAMINATION</b>            |   |   |
| <b>DECEMBER</b>               | 10.   | Creating Programs<br>Using Conditions     | Creating Flowcharts for conditional<br>constructs, Creating a QBasic program to<br>use conditional operators and constructs.            |
|                               | 11.   | Programming<br>Using Loops                | Introduction to Loops, Creating<br>Flowcharts for looping constructs ,<br>Creating a QBasic program to use for<br>Loop / Do While Loop. |



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|                 |  |                    |   |
|-----------------|--|--------------------|---|
| <b>JANUARY</b>  | 12.                                    | Arrays and Strings | Introduction to Arrays, QBasic Program to use Single Dimension Arrays, QBasic Program to use Library Functions. |
| <b>JANUARY</b>  | <b>REVISION FOR ANNUAL EXAMINATION</b> |                    |   |
| <b>FEBRUARY</b> | <b>ANNUAL EXAMINATION</b>              |                    |   |

**Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam:**

- |                                      |
|--------------------------------------|
| <b>1. Introduction to Networking</b> |
| <b>2. Beginning with Programming</b> |



## GENERAL KNOWLEDGE AND VALUE EDUCATION

| MONTH     | GENERAL KNOWLEDGE              | VALUE EDUCATION                            |
|-----------|--------------------------------|--|
| APRIL     | Nature                         | Examine Yourself<br>A Modest Man           |
| MAY       | India                          | True Friend<br>An Honest Man               |
| JUNE      | Around the World               | The Modest General<br>Being Courteous      |
| JULY      | Language                       | A Stone on the Road                        |
| AUGUST    | Science<br>Current Affairs     | A Farewell Gift                            |
| SEPTEMBER | <b>HALF YEARLY EXAMINATION</b> |  |
| SEPTEMBER | Sports                         | Porus and Alexander<br>Pearl of Wisdom     |
| OCTOBER   | Entertainment                  | Joining Hands<br>The Royal Servant         |
| NOVEMBER  | Life Skills                    | The Donkey in the Well<br>A Healthy Beggar |
| DECEMBER  | Open the Bag of Fun            | Rani Laxmibai                              |
| JANUARY   | Current Affairs                | Angulimal                                  |
| FEBRUARY  | <b>ANNUAL EXAMINATION</b>      |  |