

# SYLLABUS

## STD-VIII

SESSION (2023-24)



### **RAINBOW INTERNATIONAL SCHOOL**

Nandan Vihar (Backside Subhadra Apartment), KIIT, Bhubaneswar-24,  
Ph. No.: 0674-2727005(O)  9337422627

Email:rainbowinternationalschool24@gmail.com, Web: [www.risbbsr.in](http://www.risbbsr.in)

# INDEX

---

1. Mathematics
2. Science
3. Social Science
4. English
5. Hindi
6. Odia
7. Moral Education
8. General knowledge
9. Computer
10. Dance
11. Sports

## Class- VIII Syllabus (2023-2024)

### Sub - Math

Month	Contents	Activities	Learning Objectives
March	Ch – 1 Rational Numbers Ch – 2 Linear equation in one variable	Making of Rational number cards Art integrated activity	Students will be able to know about the additive identity, multiplicative identity and properties of rational numbers. Students will be able to solve a linear equation in one variable.
April	Ch – 3 Understanding quadrilateral Ch – 4 Practical geometry	Quadrilateral Robot. Making of geometrical figures using matchsticks.	Students will be able to know about the properties of different types of polygon. Students will be able to do the construction of quadrilateral.
May	Ch – 5 Data handling	Making of pie chart of daily schedule of a student.	Students will be able to know about the terms frequency, histogram, event, probability of an event.
June	Ch – 6 Square and square roots	Making of model with craft paper.	Finding out the squares and square roots of any number.
<b>Periodic test – 1</b> <b>Portion :Ch – 1,2,4,5</b>			
July	Ch – 13 Direct and inverse proportions	Audiovisual aid.	Students will be able to find the difference between direct and inverse proportion.
August	Ch – 7 Cube and Cube roots Ch – 8 Comparing quantities	Making of model by using colour paper. Math for portfolio.	Students will be able to know about the perfect cube. Students will be able to know about discount, overhead expenses, compound interest.
<b>P – 2 MID TERM EXAM Portion – Ch – 1,2,3,4,5,6,7,8,13</b>			
September	Ch – 12 Exponent and power	Math working model.	Students will be able to know about some formulas exponent and power.

October	Ch – 9 Algebraic expressions	Finding out $(a + b)^2$ with craft paper.	Students will be able to know about variables? Constants, monomial, binomial, trinomial.
November	Ch – 11 Menstruation Ch – 10 Visualizing solids	Making of cube, cuboids with colour paper. Using of chart paper.	Finding out the surface area and volume of trapezium and rhombus. Students will be able to know 2D and 3D models.
December	Ch – 14 Factorisation	PPT presentation.	Students will be able to learn about factor and multiples of any algebraic expression.
<b>Periodic Test – 2</b> <b>Portion :Ch– 9,10,11,12</b>			
January	Ch -15 Introduction to graphs Ch – 16 Playing with numbers	3D bar graph model. PPT	Students will be able to know about x-coordinate, y-coordinate, dependent variable, independent variable. Students will be able to solve the puzzles or number games.
February	Revision		
<b>END TERM EXAM</b> <b>Portion: Ch – 9,10,11,12,14,15,16</b>			

### Sub - Science

Month	Contents	Activities	Learning Objectives
March	Ch – 11 • Force & Pressure	• Force changes the shape of the object.	• Students will be able to understand the concept of force & pressure & relation.
April	Ch – 12 • Friction Ch – 3 • Synthetic fibres and plastic	• Sliding and rolling friction to be shown in the class • campaign say No to plastic.	• Students will be able to apply the knowledge of friction in their day by day activities. • To make the student understand the harmful effects of plastic.

May	Ch – 13 • Sound	• Toy telephone	• To enable the student explore how sound is produced and propagated in material medium.
June	Revision	Revision	Revision
<b>July Periodic Test – 1, Ch – 03, 11, 12, 13</b>			
July	Ch – 14 • Chemical effect of electric current	• Identify the chemical changes occur when current pass through a piece of potato.	• To enable students understand the fact behind all shining objects.
August	Ch – 4 • Material : Matter and Non metal Ch – 15 • Some Natural phenomena	• 1. To identify the metals which are hard and which are soft. • 2. Chemical reaction on of Zn with H <sub>2</sub> SO <sub>4</sub> . • Production of static charges by rubbing a comb with hair.	• Students will understand the properties of metals and Non metals. • To enable the student to understand the about earthquake and lightning.
<b>September MID TERM EXAM (Ch – 03, 04, 11, 12, 13, 14)</b>			
September	Ch – 16 • Light	• Observe coloured pattern by kaleidoscope.	• To make the student to understand about image formation in mirrors.
October	Ch – 5 • Coal and petroleum	• Mark the places in out line map of India where coal, petroleum and natural gas are found.	• Students understand about the use of LPG, Pupil understand our universe.
November	Ch – 17 • Star and the solar system.	• A star system model to be prepared.	• To make the pupil understand our universe.
<b>December PT – 2 (Ch – 05, 15, 16, 17)</b>			
December	Ch – 6 • Combustion & Flame	Experiment of burning candle inside a close container to show that air is essential for burning.	• To make the students able to distinguish between ignition temperature and burning.
January	Ch – 18 • Pollution of Air and water	• Awareness programme for water pollution.	• To understand about green house Effect.
<b>February Revision END TERM EXAM (Ch – 05, 06, 15, 16, 17, 18)</b>			

### Sub - Biology

Month	Contents	Activities	Learning Objectives
March April	<ul style="list-style-type: none"> <li>• Crop production and management</li> </ul>	<ul style="list-style-type: none"> <li>• PPT presentation on different steps of crop production.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will learn about different agricultural practices of our country.</li> <li>• They will also get an idea about animal husbandry.</li> </ul>
May June	<ul style="list-style-type: none"> <li>• Microorganism : Friend and Foe</li> </ul>	<ul style="list-style-type: none"> <li>• Experiment to show the role of microorganisms in fermentation.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will get to know about different types of microorganisms and their role in our life.</li> </ul>
July August	<ul style="list-style-type: none"> <li>• Conservation of plants and animals</li> </ul>	<ul style="list-style-type: none"> <li>• PPT presentation on recycling of paper.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will get to know about biodiversity.</li> <li>• They will also learn about the endangered species and how we can protect them.</li> </ul>
September October	<ul style="list-style-type: none"> <li>• Cell : Structure and Functions</li> </ul>	<ul style="list-style-type: none"> <li>• Animated video on the structure and function of an animal cell.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will learn about structure and function of plant and animal cell.</li> <li>• They will also get an idea about different types of cell and how those are discovered.</li> </ul>
November December	<ul style="list-style-type: none"> <li>• Reproduction in animals</li> </ul>	<ul style="list-style-type: none"> <li>• Showing modes of male and female reproduction system.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will know about the different modes of reproduction.</li> </ul>
January February	<ul style="list-style-type: none"> <li>• Reaching the age of adolescence</li> </ul>	<ul style="list-style-type: none"> <li>• Explaining the concept of balance diet by showing chat paper.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will learn about puberty and the changes occurs at puberty.</li> <li>• They will also learn about role of hormones in initiating reproductive functions.</li> <li>• They will also get an idea about the concept of balance diet and how it is important to lead a healthy.</li> </ul>

## Sub –S.ST

<b>Month</b>	<b>Contents</b>	<b>Activities</b>	<b>Learning Objectives</b>
March	Ch-1  How, when and where.	Look carefully at Fig. 1 and write a paragraph how his image explaining how his projects and image projects imperial perception.	Introduce students to the concept of historical change. To introduce the chaining nomenclature of the subject continent and regions.
April	Ch-1  Indian constitution and secularism	Discuss the difference between states and Government with your teacher.	The constitution of India is the supreme law that lays down the fame work and democrat’s powers, procedures, duty structure code, and the functioning of various government institutions.
April	Ch-1  Recourses	List out five resources you use in your classroom.	Students will able to understand about resources. Different between a substances and a resource. Classify and analyze the various type of resources.
April	Ch-2  From trade to territory	Collect pictures, stories ,  Poems and information about any of the following the rain of jhanis, Haider Ali.	The main motive behind those discoveries was to maximize profit through trade and to be establishing political supremacy.
May	Ch-2  Land soil, water, natural vegetation and wild life resources, map	Collect a handful of different types of soil and observe.  How are the different?	To find out the nature of divers flora and fauna as well as their distribution to develop concern about the need to project the bio-diversity of our country.
June	Ch-2  Understanding secularism	Write two sentences on why it is important that government schools do not promote any one religion?	One religious group does not dominate another. Some members don’t dominate other members of the same religious community.

July	Ch-3 Minerals and power resources.  Ch-3 ruling the countryside	List any five of mionerals.  Find out more about the champ Aran Movement and Mahatma Gandhi's role in it.	To state about the mineral resources of the country. To explain the important of minerals and energy resources for the economic development.
------	--	---	--

**PERIODIC Test -1: His (Ch—1,2) Civ (Ch-1,2) Geo (Ch-1,2)**

August	Ch-3 Ruling the country side	Roughly indentify the constituencies in your state.	Stamens will able to understand the importance of revenue
August	Ch-3 Why do we need parliament	List three forms of protest that you see the above photos.	You will learn how parliament enables citizen of india to participate in decision making and controlling to government
August	Ch-4 Understanding laws	List three forms of protest that you see the above photos.	Students will be able to identify the idea of social justice, analyze current arguments about social.
September	Ch-5 Judiciary	List two resions why you believe and independent judiciary essential to democracy.	The major organizational features of state and local courts .  how court syatems operate.

**MID TEARM EXAM: His (Ch—1,2,3,) Civ (Ch-1,2,3,4) Geo (Ch-1,2,3)**

October	ch-4 Tribal's, dikus and	Find out where the conditions of work in mines	Students will able to understand about tribal customs and way of life.
---------	-----------------------------	--	--



	the vision of the Golden Age	have change now.	
October	Ch-6 Understanding our criminal justice system.	Write in your words what you understand of the following.  A) Open court B) B) FIR	Identify analyze and evaluate the components of the criminal justice system tribal including criminal laws and police operations.
October	Ch-4 Agriculture	collect seeds of wheat. Rice, jower, bajra, ragi and pulses available in the market.  Bring them to the class and find out in which type of soil they grow.	Student will understand and analyze the current events and issues that are DCC uring agriculture and how they affect your future in agriculture.
November	Ch-7 Our Marginali sation	List two reasons why advises are becoming increasingly marginalized.	Students will able to understand the national goals like justice, liberty, equality, fraternity.
November	Ch-5 Industries	Give some examples of agro based industries.	For various reasons, product and service training is an important part of corporate industries.
December	Ch-5 when people rebel 1857 and after	Make a list of places where the uprising to place in May, June and July 1857.	Student will be able to analyzes the cause of 1857 revolt and able to understand the effect of revolt
December	Ch-9 Public facilities	Write a paragraph describing the water supply situation in your area.	The chapter discusses the idea of equal availability, quality and affordability of clean water to be provided for every person.

**PERIODIC TEST-2: His (Ch—4,5) Civ (Ch-6,7,9) Geo (Ch-4,5)**

January	Ch-10 The making of the national movement 1870-1947	Find out which countries fought the first world war.	Identify the causes that led to the rise of nationalism in the national movement in india.
January	Ch-10 Law and Social Justice	A clean environment is a public facility can you explain this statement?.	Students will understand casteless society, employment to every one, equal and compulsory education must be there .
January	Ch-6 Human Resources	Discuss the characteristics of a society with too many under 15s and one with too few under 15s.	You should be able to develop effective written and oral communication skills. Develop employability skills for the Canadian work place.
February	Revision	Revision	Revision.

**End Term: His (Ch—4,5,9) Civ (Ch-6,7,9,10) Geo (Ch-4,5,6)**

**Sub - English**

Month	Contents	Activities	Learning Objectives
March	Grammar : Tenses T.B – Poem-1 <ul style="list-style-type: none"><li>The Ant and the Cricket</li></ul>	<ul style="list-style-type: none"><li>Prepare tense flow chart.</li><li>Recitation.</li></ul>	<ul style="list-style-type: none"><li>Enhances children time management.</li><li>Enhances children speaking skill.</li><li>Children learn working hard is important.</li></ul>
April	Grammar : Reported Speech, tense T.B - Ch – 1 <ul style="list-style-type: none"><li>The Best Christmas present in the world</li></ul> S.B – Ch -1	<ul style="list-style-type: none"><li>Writean informal letter expressing your thought for your admired person and warp in gift box.</li><li>Finding out facts about the use of hump of the camel.</li></ul>	<ul style="list-style-type: none"><li>War brings death and sadness there are much better ways of resolving differences.</li><li>All living thing must work and laziness is not a good thing.</li></ul>

	<ul style="list-style-type: none"> <li>• How the camel got his hump.</li> </ul> <p>Writing : Letter writing</p>		
May	<p>Grammar : Determiners [T.B - Ch – 2</p> <ul style="list-style-type: none"> <li>• The Tsunami]</li> <li>• S.B – Ch – 2</li> <li>• Children at work.</li> </ul>	<ul style="list-style-type: none"> <li>• Find a list of historic tsunamis and mark them on a map.</li> <li>• Collect information regarding some endangered plants and animal species of India.</li> <li>• Write an easy on the life of a child worker.</li> </ul>	<ul style="list-style-type: none"> <li>• The student will learn the importance of doing whatever possible to save human and animal life, to participate in relief work.</li> <li>• The students learn to locate place based on their significance earth.</li> </ul>
June	<p>T.B – Poem - 3</p> <p>Ch – 3</p> <ul style="list-style-type: none"> <li>• The last Bargain</li> </ul> <p>Writing : Paragraph writing (Descriptive)</p>	<ul style="list-style-type: none"> <li>• Recitation</li> </ul>	<ul style="list-style-type: none"> <li>• Students are able to compared the poem, enhance their vocabulary and identify the figurative language used in the poem.</li> </ul>
July	<p>T.B – Ch - 3</p> <ul style="list-style-type: none"> <li>• Glimpses of the hast</li> </ul> <p>S.B – Ch – 3</p> <ul style="list-style-type: none"> <li>• The selfish Giant</li> </ul> <p>G.B - Articles</p>	<ul style="list-style-type: none"> <li>• Make a list of items needed to climb a mountain.</li> <li>• Reading</li> </ul>	<ul style="list-style-type: none"> <li>• To make the student learn and develop the ability to understand the difficult situation.</li> <li>• To enable them to use new worth and phrases in their own language.</li> </ul>
August	<p>T.B - Ch – 4</p> <ul style="list-style-type: none"> <li>• BepinChoudhary’s lapse of memory</li> </ul> <p>G.B – Active and passive</p> <p>S.B – Ch – 4</p> <ul style="list-style-type: none"> <li>• The treasure within writing : Diary entry</li> </ul>	<ul style="list-style-type: none"> <li>• Remember the best moment at of your life and note it down.</li> <li>• Reading.</li> </ul>	<ul style="list-style-type: none"> <li>• To enhance the learning and remembering skill of the students.</li> <li>• Every students needs to be encouraged to outs Hine in his life.</li> </ul>
September	<p>T.B Poem Ch – 4</p> <ul style="list-style-type: none"> <li>• The School boy</li> </ul>	<ul style="list-style-type: none"> <li>• Recitation</li> </ul>	<ul style="list-style-type: none"> <li>• To instill among students the aesthetic sense.</li> </ul>

**P – 2, MID TERM EXAM**

**T.B – Ch – 1,2,3,4,5 Poem – 1,2,3,4, S.B – Ch – 1,2,3,4**

**Grammar – Tenses, Reported speech, Determiners, Articles**

**Writing Letter writing Diary entry, Descriptive Paragraph writing.**

October	T.B - Ch – 5 <ul style="list-style-type: none"><li>• The Summit Within</li><li>• Poem – 5</li><li>• On the Grasshopper and Cricket</li><li>• Grammar : Active and passive</li><li>• Writing : Report writing</li></ul>	<ul style="list-style-type: none"><li>• Recitation</li><li>• Skit play</li><li>• Identify active and passive voice</li><li>• Reading</li></ul>	<ul style="list-style-type: none"><li>• To live a better life concentrate on what they are at no matter if they are disabled.</li><li>• To enable students to appreciate the beauty rhyme and style of poem.</li></ul>
November	T.B - Ch – 6 <ul style="list-style-type: none"><li>• This in joday's fawn</li><li>• S.B – Ch- 6</li><li>• The fight</li></ul>	<ul style="list-style-type: none"><li>• Debate on the topic– 'Now a day people have no more faith in the old prophecy'</li><li>• Recitation</li><li>• Making a comet using ribbon and paper.</li></ul>	<ul style="list-style-type: none"><li>• To make the students draw comparison between the good and bad person.</li><li>• Students will be able to define comet and terms related to the anatomy.</li></ul>

**December**

**Periodic Test – 2**

**T.B – Ch – 5,6 Poem – 5 Writing – Report writing**

**S.B – Ch – 5,6 Grammar – Active and passive Paragraph writing**

January	T.B - Ch -7 <ul style="list-style-type: none"><li>• A visit to Cambridge</li><li>• S.B – Ch – 7</li><li>• Jalebis</li><li>• G.B - Conjunctions, Prepositions</li></ul>	<ul style="list-style-type: none"><li>• Debate and discuss on the topic and encouragement to speech on it.</li><li>• Recitation</li></ul>	<ul style="list-style-type: none"><li>• To evolve the students to develop the skill of reading, writing, listening and understanding.</li></ul>
February	S.B – Ch – 08 <ul style="list-style-type: none"><li>• Ancient Education System of India</li></ul> T.B - Ch -08 <ul style="list-style-type: none"><li>• Short Monsoon Diary</li><li>• Writing – Story writing, Email</li></ul>	<ul style="list-style-type: none"><li>• Reading</li><li>• Creative words to form a story.</li></ul>	<ul style="list-style-type: none"><li>• Difference between comet and satellite</li><li>• The effects of comet.</li></ul>

**END TERM EXAM**

**T.B – Ch – 7,08 Poem – 4,5**

**S.B – Ch – 7,8 Writing – Story writing, email Report writing**

**G.B – Conjunction, Preposition, Reported speech, tenses**

## Hindi

Months	Content	Activity	Learning Objectives
March	•Chapter 1 ध्वनि	लय भाव युक्त वाचन ,सुनना सुनाना चर्चा करना	कवि प्रकृति द्वारा निराश हताश लोगों की जीवन खुशियों से भरना चाहते हैं।
	•Chapter 2 लाख की चूड़ियाँ	शब्दार्थ , सूचि बनाना	शहरीकरण और औद्योगीकरण विकास से विकास से गांव के उद्योग
	GB •भाषा, बोली, लिपि और व्याकरण		
April	•Chapter 3 बस की यात्रा	सारांश ,प्रश्नोत्तर , शब्दार्थ	यात्रा में आने वाली परेशानियों को दर्शाया गया है।
	•Chapter 4 दीवानों की हस्ती •वर्ण विचार ,शब्द विचार	शब्दों का शुद्ध उच्चारण	प्रेम से भरे हृदय को दर्शाया है।
GB			
May/June	•Chapter 5 चिट्ठियों की अनूठी दुनिया •Chapter 6 भगवान के डाकिये	सुनना सुनाना ,चर्चा करना  लय भाव गायन ,भावार्थ	चिट्ठियों से भरी अनूठी दुनिया के बारे में बताया गया है
	GB • संज्ञा • लिंग		
July	•Chapter 7 क्या निराश हुआ जाए	सारांश, शब्दार्थ	देश में उपजी सामाजिक बुराइयों के साथ साथ अच्छाइयों को उजागर किया है
<b>Periodic Test-1</b> Portion:-TB-Ch1 to Ch 5 GB: भाषा, बोली, लिपि और व्याकरण, वर्ण विचार ,शब्द विचार, संज्ञा,लिंग,			
August	•Chapter 8 यह सबसे कठिन समय नहीं	सारांश ,पाठ पठन	चिड़िया तिनकों से घोंसला बनाने की प्रक्रिया
	GB • सर्वनाम • विशेषण • क्रिया		
September	•Chapter 9 कबीर की साखियाँ •अपठित गद्यांश	चर्चा करना , पाठ पठन	सज्जन पुरुषों ज्ञान के आधार पर परखना चाहिए
GB			

MID-TERM EXAMINATION

Portion:-TB-Ch1 to Ch 9

GB:- भाषा, बोली, लिपि और व्याकरण, वर्ण विचार, शब्द विचार, संज्ञा, लिंग,  
सर्वनाम, विशेषण, क्रिया,  
अपठित गद्यांश, अनुच्छेद-लेखन, पत्र लेखन

October	<ul style="list-style-type: none"> <li>•Chapter 10 कामचोर</li> <li>Chapter 11 जब सिनेमा ने बोलना सीखा</li> </ul> <p>शब्द-भंडार</p>	चर्चा करना, प्रश्नोत्तर, शब्दों का शुद्ध उच्चारण लय भाव युक्त वाचन गायन, सुनना सुनाना	आलसी बच्चों के बारे में बताया गया है सिनेमा जगत में आये परिवर्तन को उज्जागर करने की कोशिश की गई है
November	<ul style="list-style-type: none"> <li>•Chapter 12 सुदामा चरित</li> <li>•Chapter 13 जहाँ पहिया हैं</li> <li>•काल</li> </ul>	कृष्णा की उदारता का वर्णन	कृष्णा की उदारता का वर्णन किया गया है
December	<ul style="list-style-type: none"> <li>•Chapter 14 अकबरी लोटा</li> <li>•Chapter 17 बाज और साँप</li> <li>•मुहावरे और लोकोक्तियाँ</li> </ul>	सूचि बनाना, पाठ पठन, चर्चा करना, प्रश्नोत्तर	परेशान न होकर समझदारी से काम करना चाहिए।

Periodic Test -2

Portion:-TB-Ch10 to 14

GB: काल, मुहावरे और लोकोक्तियाँ, शब्द-भंडार

January	<ul style="list-style-type: none"> <li>•Chapter 18 टोपी</li> <li>•अपठित पद्यांश</li> </ul>	चर्चा करना, पाठ पठन, प्रश्नोत्तर	टोपी को शक्ति और इज्जत का प्रतिक बताया गया है
---------	--	----------------------------------	---

END\_TERM EXAMINATION

Portion:-TB-Ch10, 11, 12, 13, 14, 17

GB: काल, मुहावरे और लोकोक्तियाँ, शब्द-भंडार, अपठित पद्यांश, अपठित गद्यांश,  
अनुच्छेद-लेखन  
पत्र लेखन

## ODIA

MONTH	TEXTBOOK CONTENT		ACTIVITIES	LEARNING OBJECTIVE
March	<b>Chapter-1</b> ବୃକ୍ଷ ମାହାତ୍ମ୍ୟ (ପଦ୍ୟ) <b>Chapter-6</b> ରୋଗୀ ସେବା (ଗଦ୍ୟ)	<b>Chapter-1</b> ଭାଷା ପରିଚୟ (ବ୍ୟାକରଣ)	<b>Ch-1:</b> ବୃକ୍ଷରୋପଣ ( ପ୍ରୋତ୍ୟେକ ଶିଶୁ ଘରେ ଓ ବିଦ୍ୟାଳୟରେ ଗୋଟିଏ ଗୋଟିଏ ଗଛ ଲଗାଇ ଯତ୍ନ ନେବେ । <b>Ch-6:</b> ତାଙ୍କରଖାନାର ବିଭିନ୍ନ ବିଭାଗର ସୂଚୀ ପ୍ରସ୍ତୁତ କରିବା ।	<b>Ch-1:</b> ଛାତ୍ରଛାତ୍ରୀମାନେ ବିଭିନ୍ନ ପ୍ରକାରର ବୃକ୍ଷରୋପଣ କରି ସେମାନଙ୍କର ଉପଯୁକ୍ତ ଯତ୍ନ ନେବେ । <b>Ch-6:</b> ଛାତ୍ରଛାତ୍ରୀମାନେ ରୋଗୀସେବା ପ୍ରତି ଆଗ୍ରହଯୁକ୍ତ ହେବେ ।
April	<b>Chapter-2</b> ଉଦ୍‌ବୋଧନ (ପଦ୍ୟ) <b>Chapter-7</b> ଗୁରୁ-ଶିଷ୍ୟ ସମ୍ପର୍କ (ଗଦ୍ୟ)		<b>Ch-2:</b> ଶୁଦ୍ଧ ଲିଖନ ପ୍ରତିଯୋଗିତା । <b>Ch-7:</b> ଗୁରୁ ଓ ଶିଷ୍ୟ ମଧ୍ୟରେ ଥିବା ସମ୍ପର୍କ ବିଷୟରେ ୧୦ ଧାଡ଼ି ରଚନା ।	<b>Ch-2:</b> ଛାତ୍ରଛାତ୍ରୀମାନେ ଆଳସ୍ୟକୁ ତ୍ୟାଗ କରି କୌଶଳର ସହିତ ପରିଶ୍ରମ କରିବେ । <b>Ch-7:</b> ଛାତ୍ରର ଅନ୍ତର୍ନିହିତ ପ୍ରତିଭା ବିକଶିତ କରାଇବାରେ ଶିକ୍ଷକ ଓ ଛାତ୍ର ମଧ୍ୟରେ ସମ୍ପର୍କରେ ଉନ୍ନତି ଆବଶ୍ୟକ ହୋଇପଡ଼ିଛି ।
May	<b>Chapter-9</b> ପ୍ରଗତି ଓ ମାନବ ଧର୍ମ (ଗଦ୍ୟ)		<b>Ch-9:</b> ସମାଜର ଉପକାର ପାଇଁ କାର୍ଯ୍ୟ କରିଥିବା ଦୁଇଜଣ ବ୍ୟକ୍ତିଙ୍କ ବିଷୟରେ ଗୋଟିଏ ଅନୁଛନ୍ଦ ଲେଖ ।	<b>Ch-9:</b> ବର୍ତ୍ତମାନ ସମୟରେ ଚିନ୍ତାଶୀଳ ବ୍ୟକ୍ତିମାନେ ମାନବ ଧର୍ମର ପ୍ରଗତି ଉପରେ ହିଁ ଗୁରୁତ୍ୱ ଦେବାପାଇଁ ଦୃଢ଼ମନା ହେବା ଉଚିତ ।
June	<b>Chapter-3</b> ଶିକ୍ଷାଦିକ୍ଷା (ପଦ୍ୟ)	<b>Chapter-2</b> ଧ୍ୱନି, ଲିପି, ବର୍ଣ୍ଣ ଓ ଅକ୍ଷର (ବ୍ୟାକରଣ)	<b>Ch-3:</b> ରାମାୟଣ କଥା ବିଷୟରେ କିଛି ପ୍ରଶ୍ନ ଆଲୋଚନା କରିବା ।	<b>Ch-3:</b> କବିତାଟିରେ ଭାବପ୍ରେମ, ପିତୃଭକ୍ତି, ପତିବ୍ରତାଧର୍ମ, ଜୀବନରେ ବାଧାବିଘ୍ନ ଗ୍ରହଣ କରିବାର ଇଚ୍ଛାଶକ୍ତି ଓ ଆଦର୍ଶ ବିଷୟରେ ଜାଣିଲେ ।
<b>1<sup>st</sup> PERIODIC TEST PORTION (CH – 1,2,3,6,7 &amp; 9) (ବ୍ୟାକରଣ CH – 1 &amp; 2)</b>				
July	<b>Chapter- 4</b> ଜାତୀୟ ପତାକା (ପଦ୍ୟ)		<b>Ch-4:</b> ନିଜ ଦେଶ ପ୍ରତି ଥିବା ଛାତ୍ରଛାତ୍ରୀଙ୍କ କର୍ତ୍ତବ୍ୟ ଓ ଦାୟିତ୍ୱ କ'ଣ ସେ ବିଷୟରେ ତାଙ୍କୁ କିଛି ପ୍ରଶ୍ନ ପଚାରିବା ।	<b>Ch-4:</b> ଛାତ୍ରଛାତ୍ରୀମାନେ ଜଳା, ବିଜ୍ଞାନ, ସାହିତ୍ୟ, କୀର୍ତ୍ତା ଇତ୍ୟାଦି କ୍ଷେତ୍ରରେ ଅନ୍ତର୍ଜାତୀୟ ସ୍ତରରେ ସୁନାମ ଅର୍ଜନ କରି ଜାତୀୟ ପତାକାର ଚେକ ରଖିବେ ।
August	<b>Chapter-10</b> ବୈଜ୍ଞାନିକ ମନୋବୃତ୍ତି (ଗଦ୍ୟ)	<b>Chapter-3</b> ଶବ୍ଦ ବିଭାଗ (ବ୍ୟାକରଣ)	<b>Ch-10:</b> ଛାତ୍ରଛାତ୍ରୀମାନେ ଯେ କୌଣସି ବିଷୟକୁ ବିଚାର କଲାବେଳେ କିପରି ଭାବରେ ତାଙ୍କର ମୋନୋଭାବର ପରିଚୟ ଦେବେ ତାଙ୍କୁ ନେଇ କିଛି ପ୍ରଶ୍ନ ଆଲୋଚନା କରିବା ।	<b>Ch-10:</b> ଛାତ୍ରଛାତ୍ରୀମାନେ କାହାପ୍ରତି ପକ୍ଷପାତ ଭାବନା ନ ରଖି ବୈଜ୍ଞାନିକ ମନୋବୃତ୍ତିରେ କୌଣସି ବିଷୟରେ ମତ୍ତବ୍ୟ ପ୍ରଦାନ କରିବେ ।
September	<b>Chapter-14</b> ସୁନା ନେଉଳ (ଏକାଙ୍କିକା)		<b>Ch-14:</b> ଛାତ୍ରଛାତ୍ରୀମାନଙ୍କୁ ତାଙ୍କ ଘରକୁ କେହି ବୁଲିବାକୁ ଆସିଲେ ସେମାନେ କିପରି ଭାବରେ ଅତିଥି ସେବା କରନ୍ତି ତାଙ୍କୁ କିଛି ପ୍ରଶ୍ନ ପଚାରିବା ।	<b>Ch-14:</b> ଏହି ଏକାଙ୍କିକାଟିରେ ଆମେ ସେବା, ଅତିଥିପରାୟଣ ମୋନୋଭାବ, ନିଃସ୍ୱାର୍ଥ ଦାନ ଓ ଇଶ୍ୱର ବିଶ୍ୱାସ ଆଦି ମହତ୍ତ୍ୱ ଭାବନାର ମହନୀୟତା ଜାଣିଲେ ।

**MID TERM EXAM**  
**PORTION (CH – 1,2,3,4,6,7,8,9,10, & 14)**  
**(ବ୍ୟାକରଣ CH – 1,2 & 3)**

<b>October</b>	<b>Chapter-4</b>	ପଦ ପରିଚୟ (ବ୍ୟାକରଣ)		
<b>November</b>	<b>Chapter-13</b> <b>Chapter-5</b>	ଦଶହରା ଭେଟି (ଗଣ୍ଠ) ବଶିଷ୍ଠ ଓ ବିଶ୍ଵାମିତ୍ର (ପଦ୍ୟ)	<b>Ch-13:</b> ଲେଖକଙ୍କ ପରିଚୟ ଦେବା । <b>Ch-5:</b> କବିତାଟି ଆରମ୍ଭ କରିବା ପୂର୍ବରୁ ଛାତ୍ରଛାତ୍ରୀମାନଙ୍କୁ ପାରମ୍ପରିକ ବୁଝାମଣା, ବ୍ୟକ୍ତି ବ୍ୟକ୍ତି ମଧ୍ୟରେ ନିବିଡ଼ ସମ୍ପର୍କ ସ୍ଥାପନ କିପରି ରଖିବେ ଗୋଟିଏ ଉଦାହରଣ ଦେବା ।	<b>Ch-13:</b> ନିଷ୍ଠୁରତାର, କଠିନତାର ଆଚରଣଗୁଡ଼ିକ କିପରି ସମ୍ବେଦନା କରୁଣା ଓ ସହାନୁଭୂତିରେ ତରଳି ଯାଏ ତାହା ଆମେ ଏହି ଗଣ୍ଠଟିରେ ଜାଣିଲେ । <b>Ch-5:</b> ଜଣେ ନିଷ୍ଠୁର ଲୋକ ଯେତେ ଅତ୍ୟାଚାର କଲେ ମଧ୍ୟ ତା'ପ୍ରତି ସହିଷ୍ଣୁତା ପ୍ରଦର୍ଶନ କରିବେ ।

**2<sup>nd</sup> PERIODIC TEST**  
**PORTION (CH – 5 & 13)**  
**(ବ୍ୟାକରଣ CH – 4)**

<b>December</b>	<b>Chapter-11</b>	ଚେକ - ଆଡ଼ଙ୍କ (ଗଦ୍ୟ) ରଚନା, ଦରଖାସ୍ତ	<b>Ch-11:</b> ପାଠକଙ୍କୁ ଆରମ୍ଭ କରିବା ପୂର୍ବରୁ ଛାତ୍ରଛାତ୍ରୀମାନଙ୍କୁ ଅନ୍ଧବିଶ୍ଵାସ, ଭୂତପ୍ରେତ ଇତ୍ୟାଦିକୁ ବିଶ୍ଵାସ ନ କରିବେ ସେଥିପାଇଁ ଗୋଟିଏ କାହାଣୀ କହିବା ।	<b>Ch-11:</b> ଆଧୁନିକ ଚିକିତ୍ସା ପଦ୍ଧତିର ସୁଯୋଗ ନେବା ଓ ପିଲାଙ୍କୁ ରୋଗମୁକ୍ତ ରଖିବା ।
-----------------	-------------------	--------------------------------------	---	--

<b>January</b>	<b>Chapter-12</b> ଡାକମୁନସି (ଗଣ୍ଠ)	<b>Chapter-5</b> ବାକ୍ୟ ବିଭାଗ (ବ୍ୟାକରଣ)	<b>Ch-12:</b> ନାଟ୍ୟାଭିନୟ	<b>Ch-12:</b> ଛାତ୍ରଛାତ୍ରୀମାନେ ସବୁବେଳେ ପିତାମାତାଙ୍କୁ ଭକ୍ତି ଜଣାଇ ତାଙ୍କ ନିର୍ଦ୍ଦେଶ ଅନୁସାରେ କାର୍ଯ୍ୟ କରିବେ ।
----------------	--------------------------------------	---	--------------------------	---

	<b>ବ୍ୟାକରଣ</b>			<ol style="list-style-type: none"> <li>1. ପଦ ପରିଚୟ ଜ୍ଞାନ ଲାଭ କରିବେ ।</li> <li>2. ଭାଷା ବ୍ୟବହାରରେ ନୂତନ ଶବ୍ଦ ପ୍ରୟୋଗ କରିବା ଶିଖିବେ ।</li> <li>3. ଓଡ଼ିଆ ଭାଷାର ଧ୍ବନି ଓ ବର୍ଣ୍ଣ ବିଷୟରେ ଅଧିକ ଜାଣିବେ ।</li> <li>4. ବାକ୍ୟ କ'ଣ ଓ ସରଳ, ଜଟିଳ, ଯୌଗିକ ବିଷୟରେ ଜ୍ଞାନ ଲାଭ କରିବେ ।</li> <li>5. ଲିଙ୍ଗ ପରିବର୍ତ୍ତନ ଶିକ୍ଷା କରିବେ ।</li> <li>6. ବଚନ ପରିଚୟ ଜ୍ଞାନ ଲାଭ କରିବେ ।</li> </ol>
--	----------------	--	--	--

<b>February</b>	<b>END TERM EXAM</b> <b>PORTION (CH – 5,11,13 &amp; 15)</b> <b>(ବ୍ୟାକରଣ CH – 4 &amp; 5)</b>			
-----------------	---	--	--	--

**NB:** In every month end – A monthly test shall be conducted of those chapters completed in that month.



Sub –MORAL EDUCATION

Month	Contents (Chapter names)
March	Ch : 1 - Making the best use of your strengths.
April	Ch : 2 – Taking the right decision in life.
May	Ch : 3 – Happiness lies in contentment.
June	Ch : 4 – Creativity, enthusiasm and passion.
July	Ch : 5- Importance of emotional intelligence for success.
August	Ch : 6 – Beat the exam Stress.
September	Ch : 7 – Interacting with others.
	<b>MID TERM SEPTEMBER</b> <b>CH – 2 to 6</b>
October	Ch : 8 – Managing anger and self control.
November	Ch : 9 – Doing things the right way.
December	Ch : 10 – Gender equality.
January	Ch : 11 – Internet is aknowledge.
February	Ch : 12 – Impact of social media.
	<b>END TERM Examination</b> <b>Ch – 6 to 10</b>

**N.B** - In every month end, a **MONTHLY TEST** shall be conducted on those chapters, completed on the particular month.

## Sub –General Knowledge

Month	Text Book Content
March	World view <ul style="list-style-type: none"><li>• Exploding mountains</li><li>• The ring of fire</li><li>• Women power</li><li>• Wars and battles</li><li>• Modern day marvels</li><li>• Business world</li></ul>
April	<ul style="list-style-type: none"><li>• Rare natural wonders</li><li>• Country quiz</li><li>• Nobel women</li><li>• In revolt</li><li>• In this country</li><li>• Coins and notes</li></ul>
May	World of words <ul style="list-style-type: none"><li>• In my words</li><li>• Fearful</li><li>• New age writers</li><li>• Words on words</li></ul>
June	Science ahead <ul style="list-style-type: none"><li>• New to the world</li><li>• Electric Science</li><li>• Blood flow</li><li>• Chemical trivia</li></ul>
July	<ul style="list-style-type: none"><li>• What are exoplanets</li><li>• What is cloning</li><li>• Microorganisms</li><li>• Science mix</li></ul>
August	Sports shot <ul style="list-style-type: none"><li>• The Rio Olympics</li><li>• In the stadium</li><li>• Spirit of the game</li><li>• Young inspiration-Mary Kom</li><li>• All in the game</li></ul>
September	Discovering India <ul style="list-style-type: none"><li>• Indian wildlife</li><li>• Indian mythology</li><li>• Indian Armed Forces...</li><li>• India spectrum</li><li>• Grand palaces of India</li><li>• From the past</li></ul>

<b>MIDTERM EXAM</b>	
<b>Last week</b>	
October	<ul style="list-style-type: none"> <li>• Indian Platter</li> <li>• Indian changemakers...</li> <li>• In the south</li> <li>• Making India Famous</li> <li>• In the caves</li> <li>• Indian Discoveries</li> <li>• Indian classic</li> </ul>
November	Life around <ul style="list-style-type: none"> <li>• Deep sea creatures</li> <li>• Animals in our life</li> <li>• The riddle of ridley turtles</li> <li>• Strangest insects</li> </ul>
December	<ul style="list-style-type: none"> <li>• Birds all around</li> <li>• Deadly plants</li> <li>• Speedsters</li> </ul>
January	Melting pot <ul style="list-style-type: none"> <li>• Holy quest</li> <li>• Film genres</li> <li>• Movie buff</li> <li>• The world of food</li> </ul>
<b>February END TERM EXAM</b> <b>Test paper -1, Test paper -2, Test paper – 3, Test paper - 4</b>	

**N.B** - In every month end, a **MONTHLY TEST** shall be conducted on those chapters, completed on the particular month.

### Sub –Computer

#### **Learning objectives**

Students will be able to

- List the features, functions and advantages of GUI.
- Edit and format a worksheet.
- Describe an algorithm.
- Explain the need of Programming.
- Identify the different types of apps.
- Define a network and its components.
- Use cloud computing to store, share and present data / information.
- Enhance photographs in GIMP.

<b>MID TERM Examination</b>
<b>Text Book Content</b>
Step by step computer learning (Based on Windows 10 and Ms office 2016) <ul style="list-style-type: none"> <li>• Ch – 1 – Operating system and Graphical User Interface.</li> <li>• Ch – 2 – Spread sheets – Functions and Charts.</li> <li>• Algorithms and Flowcharts.</li> <li>• Programming Languages.</li> </ul>

**END TERM Examination**

**Text Book Content**

- Ch– 5 – App Development.
- Ch – 6 – Computer networks.
- Ch – 7 – Cloud computing.
- Ch – 8 – GIMP.

(Practical's based on the above chapters to be done).

**Sub –Dance**

<b>Month</b>	<b>Contents</b>	<b>Activities</b>	<b>Learning objectives</b>
<b>MARCH</b>	Group- III (Class 6 to 10)	<p align="center"><b>Jumping, running, folding legs, hands, body stretching, back bending, up/down etc.</b></p> <p align="center"><b>Follow the aerobics steps on urban music / Aerobics music.</b></p>	Students their increasing stamina power & body balancing.
<b>APRIL</b>	<p align="center"><b>Preparation for International Dance Day April 29th</b></p> <p align="center">(Parents competition )</p> <p align="center"><b>Group- III</b></p> <p align="center">(Class 6 to 10)</p>	<p align="center"><b>Practice for IDD</b></p> <p align="center">(Choose students &amp; make 4 groups of different song, 1 for opening performance another for IDD.)</p>	Students should maintain good position and do all together on the stage and make the program success
<b>MAY</b>	Group- III (Class 6 to 10)	<p align="center"><b>Jumping, running, folding legs, hands, body stretching, back bending, up/down etc.</b></p> <p align="center"><b>Follow the aerobics stapes on urban music / Aerobics music.</b></p>	Improved condition of your heart and lungs. Increased muscular strength, endurance and motor fitness. Increased aerobic fitness. Improved muscle tone and strength.
<b>JUNE</b>	Group- III (Class 6 to 10)	<p align="center"><b>Jumping, running, folding legs, hands, body stretching, back bending, up/down etc.</b></p> <p align="center"><b>Follow the aerobics steps on urban music / Aerobics music.</b></p>	Students their increasing stamina power & body balancing.

<b>JULY</b>	<b>Preparation for 15<sup>th</sup> August</b> Group- III (Class 6 to 10) Song-Patriotic	<b>Practice for 15th August</b>	15 August Independence Day of India is a national event. It is a national festival of India. It was the day when India got independence from British. We celebrate the day with joy and happiness.
<b>AUGUST</b>	<b>Preparation for 15<sup>th</sup> August</b> Group- III (Class 6 to 10) Song-Patriotic	<b>Practice for 15th August</b>	15 August Independence Day of India is a national event. It is a national festival of India. It was the day when India got independence from British. We celebrate the day with joy and happiness.
<b>SEPTEMBER</b>	Group- III (Class 6 to 10)	Learn types of rock exercise & doing Zumba steps	<b>Improved condition of your heart and lungs. Increased muscular strength, endurance and motor fitness. Increased aerobic fitness. Improved muscle tone and strength.</b>
<b>OCTOBER</b>	<b>Preparation for Annual Function</b>	Practice for Annual Function	Students should maintain good position and do all together on the stage and make the program success.
<b>NOVEMBER</b>	<b>Preparation for Annual Function</b>	Practice for Annual Function	Students should maintain good position and do all together on the stage and make the program success.
<b>December</b>	<b>Preparation for Annual Function</b>	Practice for Annual Function	Students should maintain good position and do all together on the stage and make the program success.
<b>January</b>	<b>Presentation for 26<sup>th</sup> January</b> Group- III (Class 6 to 10)	Practice	Is a national holiday in India that commemorates the 26th of January 1950, the day the Indian Constitution went into force.
<b>February</b>	<b>Annual Exam</b>	-----	-----

### Sub- Sports

MONTH	GAME	ACTIVITIES	LEARNING OBJECTIVES
JUNE	Discipline		Student shall com to school on time and be neatly dressed in clean school Uniform Children Speak Only In English at school time
JULY	Exercise	All exercise like (foot rotation, knee, waist, hands , shoulder , neck all body part) Running, Jumping, Huping, Balancing	How to stand in line straight How to maintain distance
AUGUST	Independence Day	Practice For Parade	
SEPTEMBER	Mid- term exam		
OCT,NOV	Indoor game	Chess	Student there develop concentrate power
	Outdoor game	Karate	Karate (This is self defence)
	Outdoor Game	Kho-Kho	Students there increasing stamina power & body balancing
DECEMBER		Practice for annual sports Events(Running race, Long jump, Shot put) Aerobic & Parade	For Annual sports
	Outdoor Game	Volley ball Practice	
JANUARY		Annual Sports Republic Day Pyramid	Students should learn march past step
February	End term Exam		



Dear Students and Parents,

We extend a warm welcome to you as we embark on an exciting journey of learning, growth, and discovery. This syllabus serves as a comprehensive guide to the academic year 2023-24, outlining the goals, expectations, and resources for each subject or course. It is designed to provide you with a clear understanding of the curriculum, assessments, and the overall framework that will shape our educational experience together.

At Rainbow International School, we believe in fostering a nurturing and inclusive environment that empowers students to thrive academically, intellectually, and socially. We are committed to providing a holistic education that not only focuses on academic excellence but also encourages the development of character, critical thinking skills, and a lifelong love for learning.

Throughout the year, we aim to inspire and challenge our students, nurturing their talents and supporting their growth in all areas. Our highly qualified and dedicated educators are passionate about their subjects and strive to create engaging and interactive learning experiences. They will guide you through a carefully planned curriculum that meets and exceeds the educational standards, ensuring a well-rounded education.

In addition to the core subjects, our syllabus offers a wide range of extracurricular activities, clubs, and events that provide opportunities for students to explore their interests, discover new passions, and develop essential life skills. We encourage active participation in these activities as they contribute to the holistic development of each student.

As we embark on this journey together, we encourage open lines of communication between teachers, students, and parents. We value your input, feedback, and support, as we believe that education is a collaborative effort. Please feel free to reach out to us with any questions, concerns, or suggestions. Together, we can create a vibrant and enriching learning community.

We are excited about the year ahead and look forward to witnessing the growth, achievements, and success of each student. Let us embrace the challenges, celebrate the accomplishments, and create lifelong memories.

Wishing you a fulfilling and inspiring academic year!

**Sincerely,  
TEAM RIS**

