

# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class : VII  
 Subject : ENGLISH  
 Prescribed Books : The English Connection (Course book)  
 The English Connection (Literature)

Month	Working Days	Chapter / Unit Topic	Sub Topic	Activities	Project (21 <sup>st</sup> Century Skills)
April	22	MCB (UNIT – 1) Section – A Swami & His Father. (Prose) Section – B The Fun They had. (Prose)	GRAMMAR Parts of Speech  WRITING Notice writing (Informative)	Chart on parts of speech Class discussion : Learning without punishment can be FUN  G.D : Today’s school and Futuristic School  Read : Wings of Fire	Art Integrated Project  Group – 1 Tear and paste marble papers of different colours and make a portrait of Dr. APJ Kalam and write how his life inspires you.
May	05	LITERATURE My Childhood. (Prose)			
June	13	MCB (UNIT – 2) Section – B Rani Chennamma of Kittur. (Graphic Story)  Literature : My Grand Mother’s House .(Poem)	GRAMMAR TENSES  WRITING : Diary Entry : Rani Chennamma – the unsung Hero.	Presentation : Any 2 unsung heroes of freedom struggle	Group – 2 Make puppets of women warriors of the freedom struggle and share their contribution through PUPPET SHOW.
July	25	MCB (UNIT – 2) Section – C In the Bazaars of Hyderabad. (Poem) UNIT – 3 Section A : The Last Leaf. (Drama)	Grammar : Subject Verb Agreement  Writing : Article Writing  Informal letter	Collect and paste the pictures of the articles sold in the bazaars of Hyderabad  Make a ‘Friendship’ Band using scrap	Group – 3 Explore the Bazaars of Hyderabad and the articles sold there. Recite any folk song of the city

August	21	MCB UNIT – 3 Section – C A Poison Tree (Poem)  Literature : The Conjuror’s Revenge (Prose)	Grammar : Preposition, Voice  Writing : Story Writing	Think about a magic / trick and perform the same in class.	Group – 4 Make a puzzle chart on Tenses, Conjunction and new words.
September	11	Revision for Half Yearly Examination			Group – 5 Make identification cards drawing pictures and clues associated with the famous personalities – Bachendri Pal, APJ Kalam. Satyajit Ray, Sarojini Naidu & Rani Chennamma (Group Projects)
October	11	MCB (UNIT – 4) Section – A The Mountain has spoken. (Graphic story)  Literature : The Road of Life. (Poem)	Grammar : Determiners, Adjectives Writing : Formal letter	Speech – Conservation of Nature and natural resources.	Prepare a self composed poem and list the contradicting pair of words like roses and thorns and depict their meanings connecting to life through art.
November	23	MCB (UNIT – 5) Section – A Everest : A Journey to the top. (Prose) Sec C : Six and Out (Poem)  Literature : On killing a Tree. (Poem)	Grammar : Narration, Writing : Speech Email Writing	Inspiring Women of today’s generation who are role models too - Conduct an Interview.	
December	16	MCB (UNIT – 6) Section – B The Scarecrow. (Prose) Section – C The Listeners. (Poem)	GRAMMAR Narration to be continued		

January	22	Literature : The Ransom of Red Chief. (Prose)	Writing : Descriptive Paragraph – (Personality)	Pick any incident from the Ransom of Red Chief – Role Play	
February	13	Revision for Annual Examination			

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class : VII  
 Subject : MATHEMATICS  
 Text Books : i. Mathematics for Class VII (NCERT)  
                   ii. Mathematics Lab Manual (Convent Publication)  
 Reference Book : i. Composite mathematics (S. Chand & Co.)

Month	Working Days	Chapter / Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
April	22	Ch. 1 –Integers	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Properties of Addition and Subtraction of Integers</li> <li>• Multiplication of Integers</li> <li>• Properties of Multiplication of Integers</li> <li>• Properties of division of Integers</li> </ul>	Activity 1 (To represent the following products of decimals numbers on a square by drawing horizontal / Vertical lines and shading.  a. $0.3 \times 0.7$ b. $0.5 \times 0.5$	Collect the information of minimum temperature of any hill station of India during summer season for 1 week and represent it on a number line.
		Ch. 2 – Fractions and decimals	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Types of fractions</li> <li>• Multiplication of fractions</li> <li>• Division of fractions</li> </ul>		
May	05	Ch. 2 – Fractions and decimals(cont..)	<ul style="list-style-type: none"> <li>• Multiplication of decimal numbers</li> <li>• Division of Decimal Numbers</li> </ul>		
June	12	Ch. 4 – Simple Equations	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Setting up equations</li> <li>• Solving equations</li> <li>• Application of simple equations</li> </ul>		

July	24	Ch. 5 – Lines and Angles  Ch. 6 – The triangle and its properties	<ul style="list-style-type: none"> <li>• Introduction, Related angles, Pairs of lines</li> <li>• Introduction</li> <li>• Medians &amp; Altitudes of Triangle</li> <li>• Exterior angles and its properties</li> <li>• Angle sum property, sum of lengths of two sides</li> <li>• Pythagoras property</li> </ul>	Activity – 7 (To verify that the sum of all interior angles of a triangle is $180^\circ$ by paper cutting and pasting)	
August	21	Ch.7- Congruence of Triangles  Ch. 3 – Data Handling	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Criteria for congruence of triangles</li> <li>• Congruence among right angled triangles</li> <li>• Introduction</li> <li>• Arithmetic mean and range</li> <li>• Mode and Median</li> <li>• Bar graphs</li> <li>• Chances and Probability</li> </ul>	Draw different triangles and check criterion for congruencies of triangle (SSS, SAS, ASA, RHS)  Activity – 2 To compare the marks in all the subjects by a student on the first and second term examination by drawing a bar graph, using paper cutting and pasting)	
September	11	Revision for half yearly examination			
October	11	Ch. 8 – Comparing quantities	<ul style="list-style-type: none"> <li>• Introduction, equivalent Ratio, percentage</li> <li>• Use of percentage</li> <li>• Ratios to percent</li> <li>• Cost price, selling price</li> <li>• Simple Interest</li> </ul>	Collect bill / cash memo for your recent shopping and calculate how much percent you save on each item.	

November	23	Ch. 9 – Rational Numbers  Ch. 11 –Perimeter and area	<ul style="list-style-type: none"> <li>• Introduction, Rational numbers on number line, Comparison and operations on Rational Numbers</li> <li>• Introduction squares and rectangle, circles</li> <li>• Area of parallelogram &amp; triangle, conversion of units.</li> </ul>	Activity 9 (To find the ratio of circumference of a circle to its diameter)	Draw your dream home and find area of each room, hall and other space.
December	16	Ch. 12 – Algebraic Expressions  Ch. 13 – Exponents and powers	<ul style="list-style-type: none"> <li>• Introduction, terms, coefficients, like and unlike terms, Monomials, Binomials, trinomials and polynomials.</li> <li>• Addition and subtraction of Algebraic expressions</li> <li>• Introduction, Exponents</li> <li>• Decimal number system</li> </ul>		To Verify the algebraic identity : $(a + b)^2 = a^2 + b^2 + 2ab$
January	22	Ch. 14 –Symmetry  Ch. 15 – Visualizing Solid shapes	<ul style="list-style-type: none"> <li>• Introduction, Lines of symmetry for regular polygon</li> <li>• Rotational symmetry</li> <li>• Introduction</li> <li>• Faces, edges and vertices</li> <li>• Drawing solids on flat surface</li> <li>• Viewing different sections of a solid</li> </ul>	Draw the line of symmetry in the alphabets from A to Z  Activity 11 (To make the following seven shapes using unit cubes)	

January		Ch. 10 : Practical Geometry	<ul style="list-style-type: none"><li>• Introduction</li><li>• Construction of lines</li><li>• Construction of Triangles</li></ul>		
February	13	Revision and annual Examination			

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class : VII  
Subject : SCIENCE  
Prescribed Books : SCIENCE (NCERT), Science Booster (Srijan Pub. P. Ltd.,)

Month	Working Days	Chapter / Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
April	22	<u>Physics</u> Ch. 4 – Heat  <u>Chemistry</u> Ch. 3 – Fibre to Fabric  <u>Biology</u> Ch. 1 – Nutrition in Plants	What is heat? Transformation of heat energy. Heat and cold Temperature, Thermometer Type of thermometer  Fibre and fabrics, wool, Whole processing, Silk, From cocoon to silk, Occupational hazards of silk industry.  Nutrition, Modes of Nutrition, Photosynthesis, Factors of photosynthesis, Heterotrophic nutrition in plants.	To find out the normal temperature of human body.  To study wool yielding animals.  To grow mould on a bread piece	



May	05	<p><b><u>Physics</u></b> Ch. 4 – Heat</p> <p><b><u>Chemistry</u></b> Ch. 3 – Fibre to Fabric</p> <p><b><u>Biology</u></b> Ch. 1 – Nutrition in plants</p>	<ul style="list-style-type: none"> <li>- Transfer and heat</li> <li>- Conduction, Convection, Radiation</li> </ul> <p>Burning characters of nature and synthetic fibres.</p> <p>Type of Heterotrophic nutrition in plants</p>		<p>Project Topic – Transfer of Heat</p> <p>(Information Literacy)</p>
June	12	<p><b><u>Physics</u></b> Ch. 8 – Wind, Storms and Cyclones</p> <p><b><u>Chemistry</u></b> Ch. 5 – Acids, Bases and Salts</p> <p><b><u>Biology</u></b> Ch. 2 – Nutrition in Plants</p>	<p>Air, wind, Air pressure, How are wind caused? Thunder storm cyclones, tornadoes weather instruments.</p> <p>Acids, Bases, Indicators, Neutralization, Salts, Neutralization reaction in everyday life.</p> <p>Modes of Nutrition in animals, Nutrition in Amoeba, Nutrition in human, Ingestion, Digestion, Absorption, Assimilation Egestion. Digestion of food in ruminants.</p>	<p>To show that warm air is lighter than cold air.</p> <p>To test whether a substance is acidic, basic or neutral using blue and red litmus papers</p>	<p>(AIP)</p> <p>Action of Acids</p> <p>(Critical Thinking)</p>
July	24	<p><b><u>Physics</u></b> Ch. 9 – Soil</p> <p><b><u>Chemistry</u></b> Ch. 6 – Physical and Chemical Changes</p> <p><b><u>Biology</u></b> Ch. 7 – Weather, Climate and Adaptations of Animals to Climate.</p>	<p>Soil, Uses of soil, Layers of soil, Components of soil.</p> <p>Physical changes, Chemical changes, Examples, Uses, Rusting of iron.</p> <p>Weather, Climate, Factors of climate, Adaptation in animals of different climates like polar region, tropical rain forest, hot deserts etc.</p>	<p>To show that soil contains water</p> <p>To show that a chemical change occurs of mixing baking soda with vinegar.</p> <p>To study weather conditions from weather reports of last one week.</p>	

August	21	<p><b><u>Physics</u></b> Ch. 9 – Soil</p> <p><b><u>Chemistry</u></b> Ch. – 6 – Physical and Chemical Changes</p> <p><b><u>Biology</u></b> Ch. 10 – Respiration in Organisms</p>	<p>Types of soil, Soil Erosion, Soil pollution</p> <p>Methods to prevent rusting, Crystallization.</p> <p>Respiration, Types Respiration is humans Respiration in other animals and plants</p>		<p>Prepare a project on How weather and climate affect the dressing and food habits of the people.</p>
September	11	Revision for Half yearly exam			
October	11	<p><b><u>Physics</u></b> Ch. 13 – Motion and Time</p> <p><b><u>Chemistry</u></b> Ch.1 6 – Water: A Precious Resource.</p> <p><b><u>Biology</u></b> Ch. 11 – Transportation in Animals and Plants</p>	<p>Objects in motion, Fast and slow motions, Speed, unit of speed, determining speed, Measurement of time.</p> <p>States of water, Sources of water, Rain water, Surface water, Water scarcity, Ground water.</p> <p>Transport of materials, Circulatory system, Blood, Blood vessels, Heart and heart sounds, Excretion in animals, Excretory system in human beings.</p>	<p>To find out how much water is used in daily life activities. (Data Based)</p> <p>To feel own pulse and find the pulse rate: -- during rest -- after running</p>	

November	23	<p><b><u>Physics</u></b> Ch. 13 – Motion and Time</p> <p>Ch. 14 – Electric Current and its Effects.</p> <p><b><u>Chemistry</u></b> Ch. 16 – Water: A Precious resource</p> <p><b><u>Biology</u></b> Ch. 11- Transportation in animals and plants.</p> <p>Ch. – 12 – Reproduction in plants</p>	<p>Simple pendulum, Measuring speed, Graphical presentation of speed, Distance time graph.</p> <p>Electric current, Circuit diagram, Effects of electric current, Heating effect, Magnetic effect, Application of electromagnet, Electric bell.</p> <p>Depletion of ground – water, water management, Soft and Hard water.</p> <p>Dialysis, other organs of excretion Transport of substances in plants.</p> <p>Modes of reproduction in plants, vegetative propagation – natural and artificial methods of vegetative propagation, sexual reproduction, pollination, fertilization, fruit and seed formation, seed germination.</p>	<p>To make a sundial</p> <p>To study the reproductive parts of bisexual flowers</p>	<p>AIP Water : A precious Resource</p> <p>(Collaboration, Critical thinking)</p>
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December	16	<p><b><u>Physics</u></b> Ch- 15 – Light</p> <p><b><u>Chemistry</u></b> Ch. 18 – Waste Water Story?</p> <p><b><u>Biology</u></b> Ch. 17 – Forest : Our Lifeline</p>	<p>Light, Beam of light, Mirrors and images, Images by plane mirrors, Curved and Spherical mirrors, Lenses and images, Uses of lenses colours of light.</p> <p>Waste water, Harmful effects of untreated sewage, Waste water treatment, Screening.</p> <p>Forest, layers in a forest, Importance, Forest as an ecosystem. Food Chain, Food web.</p>	<p>To study the nature of images formed by lenses used in vehicles.</p> <p>To study different types of forests in world.</p>	<p>Prepare a model of different types of mirrors used in vehicles.</p>
January	22	<p><b><u>Physics</u></b> Ch. 15 – Light</p> <p><b><u>Chemistry</u></b> Ch. 18 – Waste Water Story</p> <p><b><u>Biology</u></b> Ch. 17 – Forest : Our Lifeline</p>	<p>Dispersion of light</p> <p>Steps of sewage treatment Alternative method of sewage disposal.</p> <p>Threats of forests Conservation of forests.</p>	<p>To show that oxygen gas is present in the air and is necessary for burning</p>	
February	13	Revision for Annual Exam			

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class	:	VII
Subject	:	SOCIAL SCIENCE
Text Books	:	Our Pasts – II, Our Environment, Social & Political Life – II (NCERT)
Reference Book	:	Our World Then and Now.

Month	No. of Working Days	Chapter / Topics to be taught	Sub Topic	Activities (21 <sup>st</sup> Century Skills)	Projects
April + May	23 + 05	H – 1 : Tracing changes Through a thousand years.  G-1 : Environment  Civics Unit – 1 : Equality in Indian Democracy C-1 : On Equality H-2 : New Kings and Kingdoms	Historians and their sources natural environment.  Natural Environment  Democracy and Equality  New Dynasties	Create a Timeline <ul style="list-style-type: none"> <li>• Creativity</li> </ul> Quiz <ul style="list-style-type: none"> <li>• Curiosity</li> </ul> Debate <ul style="list-style-type: none"> <li>• Communication</li> </ul> Group Discussion <ul style="list-style-type: none"> <li>• Expression clarity, Subject knowledge</li> </ul>	Individual project Make a chart illustrating the monsoon's effect and its importance to India  <ul style="list-style-type: none"> <li>• Collaboration, Creativity and Critical thinking</li> </ul>
June	12 + 1	G-2 : Inside our Earth	Interior of the Earth	Flow Chart <ul style="list-style-type: none"> <li>• Graphical representation</li> </ul>	
July	25	Civics Unit 2 : State Government C-2 : Role of the Government in Health H-3 : The Delhi Sultans  G-3 : Our changing Earth	What is Health?  The Rulers of Delhi  Earth Movement	Group discussion <ul style="list-style-type: none"> <li>• Communication, updation</li> </ul> Role Play <ul style="list-style-type: none"> <li>• Problem solving</li> <li>• Confidence</li> </ul> Map Pointing Quiz <ul style="list-style-type: none"> <li>• Curiosity</li> </ul>	Group project Topic : Comparison of Medieval & Modern Architecture (Temple, Monuments etc) <ul style="list-style-type: none"> <li>• Collaboration, Creativity, Co. Ordination</li> </ul>

August	21	<p>Civics Unit Two : State Government</p> <p>C-3 : How the state Government works</p> <p>H-4 : The Mughal Empire</p> <p>G-4 : Air</p>	<p>The Legislature &amp; The Executive</p> <ul style="list-style-type: none"> <li>• Mughal Emperors</li> <li>• Mughal Administration</li> <li>• Composition of the Atmosphere</li> </ul>	<p>Mock session on passing of Bill</p> <ul style="list-style-type: none"> <li>• Active listening</li> <li>• Pictorial album on great Mughals</li> <li>• Map Pointing</li> <li>• Curiosity</li> </ul> <p>Collecting pictures of Weather instruments</p> <ul style="list-style-type: none"> <li>• Visual literacy</li> </ul>	
September	22	Revision for Half yearly Examination. Practice through Assignments, doubt clearance classes, Mock test etc.			
October	12	<p>Civics Unit – 4 : Media and Advertising</p> <p>C-6 : Understanding Media</p> <p>H-5 : Rulers and Buildings</p>	<p>Media and technology</p> <ul style="list-style-type: none"> <li>• Engineering skills and construction</li> <li>• Building Temples Mosques and Tanks</li> </ul>	<p>Create a video clip about social media protest</p> <ul style="list-style-type: none"> <li>• Creativity</li> </ul> <p>Flow Chart</p> <ul style="list-style-type: none"> <li>• Graphical representation</li> </ul>	<p>Individual project : Mark the Vijayanagara Empire on the outline map of India. Depict the main centres of trade during that time and write about it</p> <ul style="list-style-type: none"> <li>• Collaboration creativity</li> </ul>

November	24	G-5 : Water  Civics Unit 4 : Media and Advertising  C-7: Understanding advertising  H-6 : Towns, Traders and Crafts persons	<ul style="list-style-type: none"> <li>• Distribution of water Bodies</li> <li>• Ocean circulation</li> <li>• Waves Tides and ocean currents</li> <li>• Building Brands and brand values</li> <li>• Advertising and democracy</li> <li>• Temple, Towns and Pilgrimage centre</li> <li>• Traders</li> </ul>	Chart Work, Map Pointing <ul style="list-style-type: none"> <li>• Artistic ability</li> </ul> Prepare a class magazine related to advertisement <ul style="list-style-type: none"> <li>• Creativity</li> </ul> Case Study <ul style="list-style-type: none"> <li>• Problem Solving</li> </ul>	
December	19	G-8 : Human Environment Interaction. The Tropical and the subtropical Region  Civics C-10 : Struggle for quality	<ul style="list-style-type: none"> <li>• Life in the Amazon Basin</li> <li>• Life in the Ganga Brahmaputra Basin</li> <li>• Tawa Matsya Sangh</li> <li>• The Indian Constitution as a living document.</li> </ul>	<ul style="list-style-type: none"> <li>• Fact collection on tourist destinations in Ladakh</li> <li>• Curiosity</li> </ul> Map Pointing  Debate <ul style="list-style-type: none"> <li>• Communication</li> </ul>	Group project Topic : Comparison of Transport of ancient and modern.  <ul style="list-style-type: none"> <li>• Collaboration, Creativity, Co-ordination</li> </ul>
January	22	H-19: The Making of Regional cultures	<ul style="list-style-type: none"> <li>• The Cheras</li> <li>• The Jagannaths cult</li> <li>• The Rajputs</li> </ul>	Story telling <ul style="list-style-type: none"> <li>• Communication</li> </ul> Narration Map pointing	
February	22	Revision – Quiz, Mock Test etc. Annual Examination			

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class : VII  
Subject : GENERAL KNOWLEDGE  
Prescribed Books : New Knowledge word – 7  
Tarun Publication

Month	No. of Working Days	Chapter / Topics to be taught	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
April	22	UNIT – I Incredible – INDIA  UNIT – II Sports World	1. First in India 2. Awards & their winners 3. Great Indian Epics 4. Indian Food and Chefs 5. Demonetization 6. Goods & Services Tax (GST)  7. Indoor Games 8. Great Sports persons (World) 9. Sports awards & Sports authority of India 10. P.V. Sindhu	Class quiz	
May	05	UNIT – III Science and Technology	11. Advancement in Technology 12. IT terms 13. Influential scientists of the post 14. Everyday chemistry 15. The human body		



June	12	UNIT – IV Faima Kindom	16. Think, tell & Guess 17. Vanishing Animals 18. Insect world 19. Surviving skills 20. Something fishy 21. Our association with animals and Birds	Class Quiz	
July	24	UNIT – V Factastic : Language & Literature  UNIT – VI Plant Life	22. Novels & Novelists 23. Vocabulary corner 24. Book Shelf Rapid Fire Round – I  25. Flora Trivia + Factastic + 26. Tree Trivia 27. Amazing plant facts 28. Plants The Killers and the healers	Class Quiz	
August	21	UNIT – VII Around the World	29. Geo Terms + Factastic + 30. World superlatives 31. Parliaments 32. Special museums 33. marvelous sites 34. Islands of the world		
September	11	Revision for half Yearly Examination	1. UNIT – I, II, III, IV, V 2. Current Affairs – 20 Q. 3. Reasoning and Metal Ability. 4. Rapid For round – 1		
October	11	UNIT – VIII Health & Yoga	35. Health care 36. Branches of medical science 37. Yoga Asana	Class quiz	

November	23	UNIT – IX (Art & Entertainment)  UNIT – X Mixed Bag	38. Relationships 39. Homurs 40. Quiz times 41. Art Styles  42. Shri. Ram Nath Kovind 43. Odd One out 44. Motor vehicles and Road Safety 45. Trick – master 46. Newspapers 47. Tag lines	Class – Quiz	
December	16	UNIT – XI Exploring space	48. Mars orbiter mission, India 49. Space puzzle 50. Space Tragedies 51. Space facts	Class - Quiz	
January	22	Rapid Fire Round – II			
February	13	Revision for Final	Revision  1. Unit – VI, VII, VIII, IX, X 2. Revision of current affairs 3. Revision of Reasoning 4. Revision of mental ability 5. Rapid Fire Round - II		

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class : VII  
 Subject : ART & CRAFT  
 Test Books : Articulate Level – 7

Month	No. of Working Days	Chapter / Topics to be taught	Sub Topic	Activities
April + May	23 + 5	1. Let's get started with line Drawing 2. Shapes 3. Tessellation is Fun!	Line drawing (Pencil and gel pen)  Drawing Mathematics	
June	13	4. Exploring Textures 5. Doodling is Fun	Textures Colours, Line, shapes and hatching.	
July	25	6. Reduce – Reuse – Recycle 7. Positive and negative space 8. Paper collage	News paper Painting, positive and negative art work	Flower pot using paper
August	21	9. Perspective Drawing can be fun 10. Complementary colours 11. Still life.	Perspective drawing step I, step II, step III paper collage.	
September	22	12. Folk paintings of India (Mandana) 13. Indian Textile – Kantha 14. From Egypt with love	Still life Colours effects, sohrai Art	Photo frame using nature
October	27	15. Let's Go Monochromatic 16. Picture composition	Textile, work is used to design / Bengal, Odisha, South	
November	24	17. Water colour painting 18. Body parts 19. Let's design a postage stamp	Monochromatic, Water colour, Painting composition.	
December	19	20. Great Artists Inspire us 21. Western poet Western Artist claudemonet	Parts of human body and human face	

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January	22	22. Great Artists Inspire Us Indian Artist, Jamini Roy 23. Picture composition	Stamp, Design, landscape painting.	Canvas Painting
February	22	24. Onomatopoeia 25. Line Sketch	Great Artists inspire us Jamini Roy Composition	

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS (2022 – 23)

Std. – VII

Subject : IT

Test Books : Touchpad Plus

Month	No. Of Working days	Chapter / Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
April + May	23 + 5 days	Ch. 1 : Number System  Ch.2 : Charts in Excel 2016	<ul style="list-style-type: none"><li>• Decimal to Binary conversions</li><li>• Binary to Decimal conversion</li><li>• Operations on Binary Numbers</li> <li>• Revision</li><li>• Components of a chart</li><li>• Types of chart in Excel</li><li>• Changing chart type.</li></ul>	<ul style="list-style-type: none"><li>• Preparing a chart for your Annual Mark Sheet.</li></ul>	Explore the Internet to find out the uses of the various number systems in different types of sceneries. (Information skills)
June	12 + 01 days	Ch. 3 : Advance Features of Excel	<ul style="list-style-type: none"><li>• Sorting date</li><li>• Fietering Date</li><li>• Conditional Formatting</li><li>• Worksheet</li></ul>	<ul style="list-style-type: none"><li>• Sample program on data filter (Programming based questions)</li></ul>	Developing a class time table.

July	25 days	Ch. 4 : Looping Small Basic	<ul style="list-style-type: none"> <li>• Looping</li> <li>• For .... end for statement</li> <li>• Sample programs using while.... wend while statement</li> <li>• Infinite loop</li> <li>• Sub Routine</li> </ul>	<ul style="list-style-type: none"> <li>• Sample loop based question</li> <li>• To generate a table of 5.</li> <li>• To print even numbers up to 50</li> </ul>	
August	21 days	Ch. 5: Graphics in Small Basic	<ul style="list-style-type: none"> <li>• The graphic widow</li> <li>• Methods of graphic window</li> <li>• Graphics window properties</li> <li>• Graphics window events</li> </ul>	(programming based questions) developing various types of shapes	
September	11 + 11 days	Revision & Practical + Half Yearly Examination			
October	12 days	Ch. 6 : More on Animate CC	<ul style="list-style-type: none"> <li>• Creating a motion Tween</li> <li>• Create a classic tween</li> <li>• Create a shape Tween</li> <li>• Use marking</li> <li>• Formatting text in Animate CC</li> </ul>	Changing a shape from square to oval	
November	24 days	Ch.7 : Introduction to Python	<ul style="list-style-type: none"> <li>• Python</li> <li>• Features of Python</li> <li>• Installing Python</li> <li>• Programming in Python</li> <li>• Variables in Python</li> <li>• Data types</li> <li>• Operators</li> </ul>	<ul style="list-style-type: none"> <li>• Discuss the variables of Python in the class.</li> <li>• List the uses of data types</li> </ul>	

December	19 days	Ch. 8 : Conditional system on Python  Ch. 9 : More on HTML	<ul style="list-style-type: none"> <li>• Decision Making System</li> <li>• HTML</li> <li>• HTML Tags and attributes</li> </ul>		Design a web page using HTML tags
January	22 days	Ch. 10 : Internet services	<ul style="list-style-type: none"> <li>• Social Networking</li> <li>• Skype</li> <li>• E banking</li> <li>• Newsgroup</li> <li>• Blogging</li> <li>• Cloud computing</li> <li>• RSS (Really simple syndication)</li> <li>• Poda casting</li> </ul>	List out various features of cloud computing apps.	
February	14 + 8 days	Revision, practical Exams, Annual Exams			

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class : VII  
Subject : PHYSICAL EDUCATION

Month	Working Days	Chapter / Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
April	22	Basketball	<ul style="list-style-type: none"> <li>• Measurement</li> <li>• Rules and Regulation</li> <li>• Warming up</li> <li>→ General</li> <li>→ Specific</li> <li>• Skills</li> </ul>	<ul style="list-style-type: none"> <li>• Dribbling</li> <li>• Shooting</li> <li>• Passing</li> <li>• Defensive</li> </ul>	
May + June	05 + 12	Chess	<ul style="list-style-type: none"> <li>• Rules and Regulation</li> <li>• Skills</li> </ul>	<ul style="list-style-type: none"> <li>• How to move chess pieces</li> <li>• How to Note down the moves of chess in copy</li> </ul>	
July	24	Football	<ul style="list-style-type: none"> <li>• Measurement</li> <li>• Rules and Regulation</li> <li>• Warming up</li> <li>→ General</li> <li>→ Specific</li> <li>• Skills</li> </ul>	<ul style="list-style-type: none"> <li>• Kicking</li> <li>• Ball Control</li> <li>• Passing</li> <li>• Tacking</li> </ul>	
August	21	Volleyball	<ul style="list-style-type: none"> <li>• Measurement</li> <li>• Rules and Regulation</li> <li>• Warming up</li> <li>→ General</li> <li>→ Specific</li> <li>• Skills</li> </ul>	<ul style="list-style-type: none"> <li>• Service</li> <li>• Passing</li> <li>• Attack</li> <li>• Blocking</li> </ul>	
September	11	Body Mass Index	Height and Weight of Students Half Yearly Exam		



October	11	Kho - Kho	<ul style="list-style-type: none"> <li>• Measurements</li> <li>• Rules and Regulation</li> <li>• Warming up</li> <li>→ General</li> <li>→ Specific</li> <li>• Skills</li> </ul>	Chasing Skills Running Skills	
November + December	23 + 16	Athletics	<ul style="list-style-type: none"> <li>• Various events in Athletics</li> <li>• Skills</li> <li>• Rules and Regulation</li> </ul>	Sprint Race Middle Distance Race Jumping and Throwing Events	
January + February	23 + 13	Yoga + Fitness Test	<ul style="list-style-type: none"> <li>• 2 Yoga Asana</li> <li>• 6 x 10 m shuttle Run</li> <li>• 600 m Walk</li> <li>• Sit ups</li> </ul>		

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class : VII  
Subject : DANCE

Month	No. of Working Days	Chapter / Unit Topics	Sub Topic (Theory)	Activities (Practical)
April	20	Bharatnatyam Adavus	Knowledge about adavus and importance of adavus in Bharatnatyam	Tatta Adavus – 8 Natta Adavu - 4
May	05	Natta Adavu	Write the bhol of Adavu	Natta Adavu – 5 & 6
June	12	Hand geastures in classical dance	Difference between samyukth & Asamyukth Mudras	28 Asamyukth Mudras 10 Samyukth Mudras
July	24	Famous dances in Bharatnatyam	Knowledge about Ganesh vandana and famous dancer in Bharatnatyam	Natta Advu 7 – 8 And Ganesh Vandana
August	21	Neck Movements and creative dance	Greeva bedh with sloka chanting	Creative patriotic dance
September	11	Guru Vandana	Revision of previous classes	Guru Vandana dance & Saraswati Vandana
October	11	Semi classical dance	Knowledge about festival dance, dandiya making	Creative dance based on Durga Puja
November	23	Introduction of Kathak dance	Bhumi pranam in Kathak, Tatkar in teen taal	Kathak Bhumi Pranam
December	16	Folk dance	Knowledge about folk dance, good dancer, great dancer.	Any folk dance and Jewellery making.
January	22	Kathak, Musical Instruments	Chakkars with hastak western dance forms knowledge and how many types of instruments used	Chakkar in counting and bol
February	13	Lesson an dance makeup and props	Write the basic ingredients of makeup and its usage and importance of prop in dance.	Prop making and dance makeup practical class

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# SREE AYYAPPA PUBLIC SCHOOL

## SYLLABUS : 2022 – 23

Class : VII  
Subject : MUSIC

Month	No. of Working Days	Chapter / Unit Topics	Sub Topic (Theory)	Activities (Practical)
April & May	23 + 05	Alankaar Music Alankaar with Bilawal Thaata	5 Alankaar in Bilawal Thaata Definition of Alankaar, Definition of Music	
June	13	Raag Bhupali and Bhajan	Definition of Raag Bhupali and Ganapati Bhajan	
July	25	Teentaal, Kaharwa Taal and swar, Raag Bhupali	Describe about Taal Sthai and Dugun laya and practice with Hand bit, Swaron ke prakar, Definition of shudh and vikrit swar, Raag Bhupali (Contd...)	Make project on Teental, Kaharwa and their bol (Sthai and Dugun)
August	21	Saptak, Thaata, Dhvani Song from Almanac, Patriotic song	Definition of Saptak, Thaata and Dhvani. Song – All things bright and beautiful	
September	22	Revision Half Yearly Examination		
October	12	Percussion instrument stringed Instrument, wind Instrument Song – Durga Puja	Describe the string Instruments, Percussion Instruments and Wind instruments, Durga Puja Song	Make project on wind instruments and percussion Instruments (Chat paper)
November	24	Raag Bhupali sargam, Pattern of Indian Music	Raag Bhupali (Continued) Describe about pattern of Indian classical Music	
December	19	Taal – Teental and Kaharwa,  Chal swar, Achal Swar, Raag Bhupali	Revision with hand bits with Teen taal and Kaharwa Describe of Chal swar Achal swar, Raag bhupali (Cont....)	
January	22	Indian classical legend - Tansen Chanting mantras	Describe the History of Tansen	
February	13	Revision Annual examination		

# श्री अय्यप्पा पब्लिक स्कूल

बोकारो इस्पात नगर

पाठ्यक्रम 2022-2023

विषय – संस्कृत

वर्ग – सप्तम

निर्धारित पुस्तकें:- 1. सरस्वती नई दीप मणिका संस्कृत पाठ्यपुस्तक

2. प्रायोगिक संस्कृत व्याकरण

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
अप्रैल-2022	23	(नई दीप मणिका)			
		1. वार्तालापः		लट्, लृट् लकार का प्रयोग	
		2. लङ् लकारः	प्रथमः पुरुशः	कर एक वार्तालाप चित्र सहित	
		व्याकरणम्		लिखें।	
		1. वर्ण-विचारः	स्वर एवं व्यंजनवर्ण		
		2. सन्धिः	स्वर सन्धि-दीर्घ, गुण	सस्वर अर्थ बोलना	
		अनुवादः			
मई-2022	05	(नई दीप मणिका)		स्वर वर्णा एवं व्यंजन वर्णाः	भारत के
		3. लङ् लकारः	मध्यम पुरुशः	का वृक्ष तैयार कर दर्षायें।	प्रधानमंत्री पर
		व्याकरणम्			सचित्र पाँच वाक्य
		2. सन्धिः अनुवादः	स्वर सन्धि-यण्, वृद्धि		संस्कृत में लिखें।

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
जून-2022	12	डब्ढ			
		4.लङ् लकारः	उतढ पुरुशः	लङ्. लकार का प्रयोग कर	
		व्याकरणढ्		प्रणुततर विधि से सचित्र	कक्षा का चित्र
		3. कारक प्रकरणढ्	प्रथढा से सप्तढी	वार्तालाप लिखें।	बनाकर अपनी
		पत्र लेखनढ्		1 से 4 तक के संख्या का	अध्यापिका के बारे
जुलाई-2022	25	डब्ढ		सचित्र तीनों लिंगों में	में संस्कृत में पाँच
		5. लोट् लकारः		संस्कृत षड्ढ बोलना।	वाक्य में लिखें।
		6. संख्या ज्ञानढ्			
		7. प्रत्ययाः		उपपद विभक्ति का वाक्यों में	
		व्याकरणढ्		प्रयोग कर उच्चारण सस्वर।	
		4 .उपपद विभक्ति	प्रथढा से सप्तढी		
		5. षड्ढरूपाणि	बाल, लता, फल, कवि		
		.चित्रवर्णनढ्, अनुच्छेद लेखनढ्			

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
अगस्त-2022	21	MCB			
		8. सुवचनानि		प्लोको का गायन सस्वर	रक्षाबंधन पर
		व्याकरणम्		करना	सचित्र पाँच वाक्य
		6. संख्यावाची षब्दाः	1 से 20	5. विष्वविख्यात कवियों का	संस्कृत में लिखें ।
		अनुच्छेदलेखनम्		नाम बोलकर उनके बारे में	
		पत्र लेखनम् अनुवाद		2-2 वाक्य संस्कृत में	
				बोलना ।	
सितंबर-2022	22	पुनरावृत्ति-		5. प्लोको को सुन्दर अक्षरों	
		डब्ब		में लिखना ।	
		व्याकरणम्			

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
अक्टूबर-2022	12	MCB		एक वृक्ष बनाकर परिवार के सदस्यों पिता, माता,	दुर्गा पूजा पर
		9. एक: परिवार:		दादा, दादी, नाना, नानी	पाँच वाक्य सचित्र
		10. स्वच्छताया:		भाई ,बहन, मामा, मामी	संस्कृत में लिखें ।
		महत्वम् व्याकरणम् –	पठ्, लिख्, हस्, गम्, अस्, धातु	आदि षब्दों को संस्कृत	
		7. धातु रूपाणी	का लट्, लृट्, लङ्, लोट् में रूप	में लिखकर दर्शाये ।	
		8. प्रत्यय	क्त्वा, ल्यप्, तुमुन्		
		अनुवाद: गद्यांश:			
नवंबर-2022	24	डब्ब –11. महात्मा बुद्ध:		5. अव्यय से वाक्य बनाकर	
		12. सुभाशितानि		बोलना ।	
		व्याकरणम् –			
		9. अव्यय	अत्र, कदापि, तीव्रम्, सह मन्दम्, सदा, वृथा, यदा, अधुना	अर्थ को सस्वर बोलना ।	
		10. उपसर्ग	आ, अव, वि, उद्, प्र, सम्, परि, उप		
		चित्र, पत्र, अनुवाद			

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
दिसंबर-2022	19	MCB		.पाँच फूलों, फलों के नाम	क्रिसमस ट्री
		13. मूर्खः भृत्यः		संस्कृत में सस्वर बताना ।	बनाकर क्रिसमस
		14. नैवक्लिश्टा न च कठिना			पर्व पर पाँच वाक्य
		व्याकरणम् –			संस्कृत में लिखना
		11.विषेशण- विषेश्य		विषेशण- विषेश्य का प्रयोग	
		12.अषुद्धि संषोधनम्		कर पाँच वाक्य लिखना ।	
		अनुवादः, पत्र			
जनवरी-2023	22				
फरवरी-2023	22	पुनरावृत्ति-			
		डब्ढ			
		व्याकरणम्			



श्री अय्यप्पा पब्लिक स्कूल  
बोकारो इस्पात नगर

पाठ्यक्रम 2022-2023

विषय – हिन्दी

वर्ग – सप्तम

निर्धारित पुस्तकें:- 1. नई गुलमोहर हिन्दी पाठ्यपुस्तक 2. व्याकरण निपुण 3. रामायण संक्षिप्त

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
अप्रैल+मई-2022	23+05	गुलमोहर –			अपने राज्य के
		पाठ – 1 वरदान (कविता)			स्वतंत्रता
		पाठ – 2 देशप्रेम			सेनानियों के बारे
		का दाम			जानकारी एकत्रित
		महाभारत			करें तथा उनके
		1. आदि पर्व	'वंश परिचय', 'भीष्म का जन्म' से		चित्रों का एक
			लेकर 'खांडव वन-दहन' तक		कोलॉज बनाइए।
		2. सभा पर्व	'राजसूय-यज्ञ की योजना' से		
			लेकर 'विदुर और संजय की		
			धृतराष्ट्र को चेतावनी'		

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
अप्रैल+मई-2022	23+05	<u>व्याकरण निपुण-</u>			
		1. भाशा, बोली,			
		लिपि और व्याकरण			
		2. वर्ण-विचार और			
		उच्चारण			
जून -2022	12+01	<u>गुलमोहर -</u>			
		पाठ - 3 प्रकृति का		प्रकृति ने हमें वरदान स्वरूप	
		सानिध्य		पेड़-पौधे प्रदान किए हैं।	
		पाठ - 4 षहीद		इसके संरक्षण हेतु अपने	
		का पत्र		जिले के वन-पदाधिकारी को	
				पत्र लिखिए।	

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
जून-2022	12+01	महाभारत			Individual
		3. वन पर्व			Project
		4. विराट पर्व			
		व्याकरण निपुण-			
		3. संधि	संधि के भेद		
		4. षब्द विचार	षब्दों का वर्गीकरण		
जुलाई-2022	25	गुलमोहर -			मेरी कॉम
		पाठ-5 कोषिष			के संघर्षपूर्ण
		करने वालों की कभी			जीवन के ऊपर
		हार नहीं होती			एक रिपोर्ट
		(कविता)			तैयार करें।
		पाठ-6 वीर बालक			
		(एकांकी)			

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
जुलाई-2022	25	महाभारत			
		5. उद्योग पर्व			
		6. भीष्म पर्व			
		व्याकरण निपुण-			
		5. पर्यायवाची षब्द			
		6. विलोम षब्द		अपनी पाठ्य पुस्तक से	
		7. श्रुतिसमभिन्नार्थक षब्द		षब्दों का संग्रह	
				(लगभग-500 षब्द)	
		8. अनेक षब्दों के लिए एक षब्द		करते हुए समानार्थक षब्दों का साथ एक षब्द-कोश	
		9. अनेकार्थक षब्द		तैयार करें।	
		10. उपसर्ग	उपसर्ग के भेद		
		11. प्रत्यय	प्रत्यय के भेद		

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
अगस्त-2022	21	गुलमोहर			
		पाठ-7 प्रायश्चित			
		महाभारत			
		7. द्रोण पर्व			
		व्याकरण निपुण			
		12. समास	समास के भेद		
		13. संज्ञा	संज्ञा के भेद		
		14. लिंग	लिंग के भेद		
		15. वचन	वचन संबंधी नियम		
		16. कारक	कारक के भेद		
सितंबर-2022	22	पुनरावृत्ति (पढ़ाए गए पाठों की) अर्द्धवार्षिक परीक्षा			

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
अक्टूबर-2022	12+07	गुलमोहर		'स्वच्छता अभियान' को	'गंगा नदी' को
		पाठ-8, स्वच्छ		बढ़ावा देनेवाले पोस्टर	किस प्रकार प्रदूषण
		भारत अभियान		तैयार करके अपनी कक्षा के	मुक्त किया जा
		महाभारत		बुलेटिन बोर्ड पर लगाइए।	सकता है?
		8. कर्ण-पर्व			हमारे प्रधानमंत्री के
					द्वारा चलाए गए
					कार्यक्रम 'नमामि
					गंगे' पहले कथन
		व्याकरण निपुण			की पुष्टिकरण किस
		17. सर्वनाम	सर्वनाम के भेद		प्रकार करता है?
		18. विशेषण	विशेषण के भेद		लिखित अभिव्यक्ति दें।
		19. क्रिया	कर्म के आधार पर क्रिया के भेद		
			प्रयोग के आधार पर क्रिया के भेद		

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
नवंबर-2022	24	<u>गुलमोहर</u>			
		पाठ-10		आपने अपनी जेब खर्च के	सन् 1900 ई. से
		फाहियान की भारत		पैसे से सबसे पहले कौन-सी	लेकर सन् 2100
		यात्रा		वस्तु खरीदी और क्यों?	तक के भारत एवं
		पाठ-11 जब मैंने		लिखित वर्णन करें।	चीन के संबंधों
		पहली पुस्तक खरीदी			के ऊपर एक रिपोर्ट तैयार करें।
		<u>महाभारत</u>	युद्ध के अठारहवें दिन का वर्णन		
		9. षल्य पर्व	अष्वत्थामा का प्रतिषोध से लेकर		
		10. सौप्तिक पर्व	अष्वत्थामा का मणिहीन होना		
		<u>व्याकरण निपुण</u>	परिभाषा तथा भेद		
		20. काल	वाच्य के भेद तथा		
		21. वाच्य	वाच्य परिवर्तन के नियम		

Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
दिसंबर-2022	19	गुलमोहर			
		पाठ-12 हिम्मत और जिंदगी			
		पाठ-13 दोहा दषक			
		महाभारत			
		11. स्त्री पर्व			
		12. शांति पर्व			
		13. अनुशासन पर्व			
		14. अश्वमेध पर्व			
		व्याकरण निपुण-			
		22. क्रिया विशेषण	क्रियाविशेषण के भेद तथा रचना		
		23. संबंध बोधक	संबंधबोधक शब्दों का प्रयोग		
		24.समुच्चयबोधक	परिभाषा व भेद		
		25. विस्मयादिबोधक	विशेषताएँ तथा भेद		



Month	No. of working days	Chapter/Unit Topic	Sub Topic	Activities	Projects (21 <sup>st</sup> Century Skills)
जनवरी-2023	22	गुलमोहर			मेजर ध्यानचंद्र के
		पाठ-14 बदला तो			पुत्र जो भारतीय
		मैंने भी लिया			टीम में हॉकी
		महाभारत			खिलाड़ी थे।
		15.आश्रमवासिक पर्व	धृतराष्ट्र, गंधारी, कुंती का वन गमन		उनके विशय में जानकारी प्राप्त
		16. मौसल पर्व	यादवों का विनाष		करके लिखिए
		17.महाप्रारस्थनिक पर्व	पांडवों का महाप्रस्थान		तथा मीट्रिक
		18. स्वर्गारोहण पर्व	युधिष्ठिर स्वर्ग में		मापन इकाइयों
		व्याकरण निपुण-			के साथ हॉकी
		26. वाक्य विचार			मैदान का एक
		27. विराम चिह्न			मॉडल तैयार करें
		28.अषुद्ध वाक्यों को शुद्ध करना			
		29. मुहावरे व लोकोवित्तियाँ			
		निबंध लेखन, डायरी लेखन			
फरवरी-2023	14+8	पुनरावृति (पढ़ाए गए पाठों की) वार्षिक परीक्षा			