

ANNUAL PEDAGOGICAL PLAN

SESSION 2023-24

STD-VII

<p>Chapter 10 (Practical geometry)</p> <ul style="list-style-type: none"> ➤ Construction of a line parallel to a given line through a point not on the line ➤ Construction of triangles under different criteria: SSS, SAS, ASA,RHS 		<ul style="list-style-type: none"> ➤ Worksheet 	<ul style="list-style-type: none"> ➤ Key Terms ➤ NCERT Textbook Exercise ➤ Assignment
<p>December</p> <p>Chapter 8 (Comparing quantities)</p> <ul style="list-style-type: none"> ➤ Equivalent ratios ➤ Percentage for comparing quantities ➤ Conversion of fractional numbers ➤ Decimals and ratios into Percentage and vice versa ➤ Use of percentage ➤ Profit or loss as a Percentage ➤ Simple Interest <p>Chapter 14 (Symmetry)</p> <ul style="list-style-type: none"> ➤ Lines of symmetry of regular polygon ➤ Rotational symmetry 	PERIODIC TEST - 2		
	<ul style="list-style-type: none"> ➤ Discussion on interest given by different authorities. ➤ Lab Activity To draw the lines of symmetry of different shapes 	<ul style="list-style-type: none"> ➤ Worksheet ➤ HOTS question discussion ➤ Tricks to calculate % ➤ Worksheet 	<ul style="list-style-type: none"> ➤ Key Terms ➤ NCERT Textbook Exercise ➤ Assignment ➤ Key Terms ➤ NCERT Textbook Exercise ➤ Assignment

Month Content/Theme	Project/Activity	Mental Maths	Written Work
<p>January</p> <p>Chapter 11 (Perimeter and area)</p> <ul style="list-style-type: none"> ➤ Area of squares and rectangles ➤ Area of parallelogram ➤ Area of triangle ➤ Area of circle Applications of perimeter and area 	<ul style="list-style-type: none"> ➤ Lab Activity ➤ Graphical Activity for Area and Perimeter of Different plane figures ➤ To prove that area of parallelogram is twice the area of triangle. 	<ul style="list-style-type: none"> ➤ Worksheet 	<ul style="list-style-type: none"> ➤ Key Terms ➤ NCERT Textbook Exercise ➤ Assignment

<p>Chapter 15 (Visualising solid shapes)</p> <ul style="list-style-type: none"> ➤ Nets for building 3D shapes ➤ Drawing solids on flat surface ➤ Viewing different section of a solid 	<ul style="list-style-type: none"> ➤ Lab Activity To draw the solids on a flat surface 	<ul style="list-style-type: none"> ➤ Worksheet ➤ Observation of different things in the surrounding and discussing their various views. 	<ul style="list-style-type: none"> ➤ Key Terms ➤ NCERT Textbook Exercise ➤ Assignment
<p>February</p>	<p style="text-align: center;">REVISION FOR ANNUAL EXAMINATION</p>		
<p>March</p>	<p style="text-align: center;">ANNUAL EXAMINATION</p>		

Curriculum Plan of Science (Session: 2023-2024)

Book prescribed: NCERT Science

Month Content/Theme	Project/Activity	Oral Work	Written Work
PERIODIC TEST 1 (CHAPTERS-1,2,4,5)			
<p>April Chapter 1 Nutrition in Plants</p> <ul style="list-style-type: none"> ➤ Mode of nutrition in plants ➤ Photosynthesis - Food making process in plants ➤ Other modes of nutrition in plants ➤ How nutrients are replenished in soil <p>June Chapter 2 Nutrition in Animals</p> <ul style="list-style-type: none"> ➤ Different ways of taking food ➤ Digestion in humans - The mouth and buccalCavity ➤ The food pipe /oesophagus ➤ The stomach ➤ The small intestine ➤ Absorption in the smallintestine ➤ Large intestine ➤ Digestion in grass eating animals ➤ Feeding and digestion inAmoeba <p>April Chapter 4 Heat</p>	<p>Activity:</p> <ul style="list-style-type: none"> • Observe Stomata in leaves • Fungus on bread • Importance of sunlight for photosynthesis <p>Video:</p> <ul style="list-style-type: none"> • Process of photosynthesis <p>Activity:</p> <ul style="list-style-type: none"> • Based on importance of vitamins • Test for effect of saliva on starch <p>Video:</p> <ul style="list-style-type: none"> • Digestion in humans • Digestion in Amoeba • Digestion in Ruminants <p>Activity:</p> <ul style="list-style-type: none"> • Measurement of 	<ul style="list-style-type: none"> • Oral Questions • Discussion of NCERT Book /NCERT ExemplarExercise <ul style="list-style-type: none"> • OralQuestions • Discussion ofNCERT Book /NCERT ExemplarExercise <ul style="list-style-type: none"> • Oral questioning. • Discussion of 	<ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Diagrams • Assignment <ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Diagrams • Assignment <ul style="list-style-type: none"> • KeyTerms

<ul style="list-style-type: none"> _ Hot and cold _ Measuring temperature _ Reading a thermometer _ Laboratory thermometer _ Transfer of heat _ Kinds of clothes we wear in summer and winter Woolen clothes keep us warm in winter. <p>April</p> <p>Chapter 5 Acids, Bases and Salts</p> <ul style="list-style-type: none"> • Acids and Bases • Natural indicators around us • Litmus: A natural dye • Turmeric is another natural indicator • China Rose as Indicator • Neutralisation • Neutralisation in everyday life- • Indigestion • Ant bite • Soil treatment • Factory wastes 	<p>temperature by Lab Thermometer</p> <ul style="list-style-type: none"> • Transfer of heat by the method of Conduction and Convection • Video: Sea Breeze and Land Breeze <p>Activity:</p> <ul style="list-style-type: none"> • Identification of the acidic/basic/neutral nature of salt solution • Reaction between acid and base to show the process of neutralisation 	<p>NCERT Book / NCERT Exemplar Exercise</p> <ul style="list-style-type: none"> • Oral questioning. • Discussion of NCERT Book / NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • Key Questions Diagrams Assignment • Key Terms • Key Questions • Assignment
--	--	---	--

Month Content/Theme	Project/Activity	Oral Work	Written Work
August Chapter-10 Respiration in Organisms <ul style="list-style-type: none"> • Why do we respire • Breathing - How do we breathe • What do we breathe out? • Breathing in other animals • Breathing underwater • Do plants also respire 	Activity: <ul style="list-style-type: none"> • Understand the mechanism of breathing Video: <ul style="list-style-type: none"> • Respiration in humans • Respiration in other organisms 	<ul style="list-style-type: none"> • Oral questioning. • Discussion of NCERT Book / NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Diagrams • Assignment
July Chapter 6 Physical and Chemical Change <ul style="list-style-type: none"> • Physical changes • Chemical changes • Rusting of iron • Crystallization August Chapter 13 Motion and Time <ul style="list-style-type: none"> • Slow or fast, Speed • Measurement of time • Units of time and speed • Measuring speed • Distance TimeGraph 	Activity: <ul style="list-style-type: none"> • Demonstration based on Physical Change • Demonstration based on Chemical Change • Burning of Magnesium ribbon • Change in colour of copper sulphate solution Activity: <ul style="list-style-type: none"> • Calculation of Time period of simple pendulum 	<ul style="list-style-type: none"> • Oral questioning. • Discussion of NCERTBook / NCERT Exemplar Exercise <ul style="list-style-type: none"> • Oralquestioning. • Discussion of NCERT Book / NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Assignment <ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Diagrams • Plotting of graphs • Assignment

Month Content/Theme	Project/Activity	Oral Work	Written Work
<p>July Chapter 7 Weather, Climate and Adaptation of animals to Climate</p> <ul style="list-style-type: none"> • Weather • Climate • Climate and adaptation • The polar regions • The tropical rain forests 	<p>Video:</p> <ul style="list-style-type: none"> • Adaptation by animals in polar region and in Tropical rainforests 	<ul style="list-style-type: none"> • Oral questioning. • Discussion of NCERT Book / NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Assignment
<p>July-August Chapter 8 Wind, Storm and Cyclones</p> <ul style="list-style-type: none"> • Air exerts pressure • High speed winds are accompanied by reduced air pressure • Air expands on heating • Wind current generates due to uneven heating on earth • Uneven heating between the equator and the poles • Uneven heating of land and water • Thunderstorms and cyclones • Destruction caused by cyclones • Effective safety measures • Advanced technology has helped <p>TERM 1 CHAPTERS: 1,2,4,5,6,7,8,10,13</p>	<p>Activity:</p> <ul style="list-style-type: none"> • Observe that air exerts pressure • Observe that air expands on heating <p>Video:</p> <ul style="list-style-type: none"> • Formation of Thunderstorms and Cyclone 	<ul style="list-style-type: none"> • Oral questioning. • Discussion of NCERT Book / NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Assignment

Month Content/Theme	Project/Activity	Oral Work	Written Work
<p>September Chapter 3 Fibre to Fabric</p> <ul style="list-style-type: none"> ➤ Animal fibres - Wool,Silk ➤ Animals that yieldwool ➤ From fibres towool ➤ Processing fibres intowool • Silk, Life history of silk moth, from cocoon to silk 	PERIODIC TEST – 2(CHAPTERS-3,9,11,14)		
<p>October Chapter 11 Transportation in Animals and plants</p> <ul style="list-style-type: none"> • Circulatory system • Blood, Bloodvessels • Heart,Heartbeat • Excretion inanimals • Transport of substance inplants • Transport of water and mineral • Transpiration <p>October Chapter 9 Soil</p> <ul style="list-style-type: none"> • Soil teeming withlife • Soilprofile • Soiltypes • Properties ofsoil • Moisture in soil • Absorption of water by soil <p>Soil and crops</p>	<p>Activity:</p> <ul style="list-style-type: none"> • Based on classification of bloodgroup • Use of stethoscope <p>Video:</p> <ul style="list-style-type: none"> • Working of human heart • Excretion inAnimals • Transportation in plants <p>Activity:</p> <ul style="list-style-type: none"> • Percolation rate of water insoil • Absorption of water by soil <p>Video: Formation ofsoil Soil profile</p>	<ul style="list-style-type: none"> • Oralquestioning. • Discussion of NCERT Book / NCERT Exemplar Exercise <ul style="list-style-type: none"> • Oral questioning. Discussion of NCERT Book / NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Diagrams • Assignment <ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Diagrams <p>Assignment</p>

<p>November Chapter 14 Electric Current and its Effects</p> <ul style="list-style-type: none"> • Symbols of electrical components • Heating effect of electric current • Magnetic effect of electric current Electromagnet, Electricbell <p>↓ November Chapter-12 Reproduction in Plants</p> <ul style="list-style-type: none"> • Modes of reproduction • Asexual reproduction <ul style="list-style-type: none"> ○ Vegetative propagation ○ Budding ○ Fragmentation ○ Sporeformation • Sexual reproduction • Fruits and seed formation Seed dispersal 	<p>Activity:</p> <ul style="list-style-type: none"> • Electric Circuit • Heating effect of current • Magnetic effect of current • Electric bell • Demonstrate MCB and types of fuses <p>Activity:</p> <ul style="list-style-type: none"> • Identify parts of flower and distinguish between unisexual and bisexualflower • Bryophyllum leaf <p>Video:</p> <ul style="list-style-type: none"> • Asexual reproduction in plants Sexual reproduction in plants 	<ul style="list-style-type: none"> • Oral questioning. Discussion of NCERT Book / NCERT Exemplar Exercise • Oral questioning. Discussion of NCERT Book / NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • KeyTerms • KeyQuestions • Diagrams Assignment • KeyTerms • KeyQuestions • Diagrams • Assignment
--	--	--	---

Month Content/Theme	Project/Activity	Oral Work	Written Work
<p>↓ December</p> <p>Chapter 15 Light</p> <ul style="list-style-type: none"> • Light travels along a straight line • Reflection of light • Image formation by plane mirror • Spherical mirrors • Images formed by lenses • Sunlight- White or Coloured <p>Chapter 16 Water: A Precious Resource</p> <ul style="list-style-type: none"> • How much water is available • Forms of water • Ground water as an important source of water • Depletion of water table • Distribution of water • What role you can play • Water management • Effect of water scarcity on plants 	<p>Activity:</p> <ul style="list-style-type: none"> • Formation of image by spherical mirror • Formation of image by lens • Dispersion of light using prism <p>Video:</p> <ul style="list-style-type: none"> • Groundwater 	<ul style="list-style-type: none"> • Oral questioning. • Discussion of NCERT Book / NCERT Exemplar Exercise <ul style="list-style-type: none"> • Oral questioning. • Class Discussion • Discussion of NCERT Book / NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • Key Terms • Key Questions • Diagrams • Assignment <ul style="list-style-type: none"> • Key Terms • Key Questions • Diagrams • Assignment

Month Content/Theme	Project/Activity	Oral Work	Written Work
<p>JANUARY</p> <p>Chapter 17 Forests: Our Lifeline</p> <ul style="list-style-type: none"> • Visit to forest, Interdependence of plants and animals in forests • Importance of forests • Components of forests <p>Chapter 18 Waste Water Story</p> <ul style="list-style-type: none"> • Water ourlifeline • What issewage • Water freshens up- An eventfuljourney • Wastewater treatmentplant • Better housekeepingpractices <p>ANNUAL EXAM CHAPTERS: 3,4,6,9,11,12,14,15,16</p>	<p>Video:</p> <ul style="list-style-type: none"> • Structure of forest <p>Video</p> <ul style="list-style-type: none"> • Working of Waste water treatmentplant 	<ul style="list-style-type: none"> • Oral questioning. • ClassDiscussion • Discussion of NCERT Book / NCERT Exemplar Exercise <ul style="list-style-type: none"> • Oralquestioning. • ClassDiscussion • Discussion of NCERT Book/ NCERT Exemplar Exercise 	<ul style="list-style-type: none"> • KeyTerms • Key Questions • Assignment <ul style="list-style-type: none"> • KeyTerms • Key Questions • Assignment
<p>FEBRUARY</p>	<p>REVISION FOR ANNUAL EXAMINATION</p>		
<p>MARCH</p>	<p>ANNUAL EXAMINATION</p>		

Examination Schedule & Syllabus ENGLISH
(Session: 2023-2024)

SUBJECT	PERIODIC TEST 40 MARKS	HALF YEARLY EXAM 80 marks	PERIODIC TEST 2 40 marks	ANNUAL EXAMINATION 80 marks
	<p style="text-align: center;">6 JULY 2019</p> <p>Literature Poem</p> <ul style="list-style-type: none"> ▪ The Squirrel ▪ The Rebel <p>Prose</p> <ul style="list-style-type: none"> ▪ The Three Questions ▪ The Gift of Chappals <p>↓ Grammar</p> <ul style="list-style-type: none"> ▪ Verbs ▪ Tenses (Present, Past & Future) <p>↓ Composition</p> <ul style="list-style-type: none"> ▪ Notice ▪ Diary Entry ▪ Article Writing <p>↓ Novel</p> <ul style="list-style-type: none"> ▪ Book Review (each student has a separate book) 	<p style="text-align: center;">17 September</p> <p>Literature</p> <ul style="list-style-type: none"> ▪ Ashes that made the trees bloom. ↓ ▪ Gopal and Hilsa Fish ▪ The three questions ▪ The gift of chappals <p>Poem</p> <p>The Shed The Squirrel The Rebel</p> <p>↓ Grammar</p> <ul style="list-style-type: none"> ▪ Active and Passive voice ▪ Verbs ▪ Tenses ▪ Adverbs and degrees of comparison <p>↓ Composition</p> <ul style="list-style-type: none"> ▪ Complaint letter ▪ Article ▪ Story <p>↓ Novel</p> <p>Book Review (each student has a separate book)</p>	<p>Literature</p> <ul style="list-style-type: none"> ☐ The Expert Detectives ☐ The invention of Vita Wonk Poem Meadow Surprises <p>Grammar</p> <p>Tenses Direct and Indirect Speech</p> <p>Composition</p> <p>Letter to the Editor Paragraph Writing</p> <p>Novel</p> <p>Book Review (each student has a separate book)</p>	<p>Literature</p> <p>*A Bicycle in good repair</p> <p>The Expert Detectives</p> <p>The invention of Vita Wonk</p> <p>Gopal & Hilsa Fish</p> <p>Poem Garden Snake Meadow Surprises The Shed</p> <p>Grammar</p> <p>Tenses Direct and Indirect Speech Pronouns Adjectives & Degrees of Comparison</p> <p>Novel</p> <ul style="list-style-type: none"> ☐ Book Review (each student has a separate book)

Curriculum Plan of English
(Session: 2023-2024)

Prescribed books-

Book 1 – Honeysuckle (Literature)

Book 2 – Book Review (individual story books)

Book 3 - Cordova Grammar and Composition Skills -7

Month Content/Theme	Vocabulary/ Grammar	Listening Skills	Speaking Skills/ Art Integration	Reading Skills	Writing Skills
↓ April ❖ Book 1:Literature L-1 The Three Questions Poem The Squirrel	❖ Book3: Grammar <ul style="list-style-type: none"> ▪ Verbs ▪ Present Tense 	<ul style="list-style-type: none"> ▪ Dictation ▪ Speech recognition – to correct factual/textual errors 	<ul style="list-style-type: none"> <input type="checkbox"/> Discussion about doing good to others Self-introspection <input type="checkbox"/> Dramatization on characters of the chapter. 	<ul style="list-style-type: none"> ▪ Reading for detail ▪ Poem Recitation 	<ul style="list-style-type: none"> ▪ Diary Entry ▪ Notice

Month Content/Theme	Vocabulary/ Grammar	Listening Skills	Speaking Skills	Reading Skills	Writing Skills
↓ June ❖ Book 1:(Literature) L-2 The Gift of Chappals Poem – The Rebel	❖ Book 3:Grammar ▪ Tenses- Past & Future	▪ Dictation ▪ Sharing an experience of their visit to an orphanage	▪ Speech <input type="checkbox"/> Group activity of sharing their experience of helping a needy person	▪ Extended reading ▪ Reading for appreciation (poem)	▪ Article
↓ July ❖ Book 1:Literature Gopal and the hilsa fish Poem – The Shed ○	❖ Book 3:Grammar ▪ Active and Passive voice	▪ Dictation	▪ Narration of comic stories. ▪ Singing song on unity	▪ Interactive Reading ▪ Scanning ▪ Reading for Appreciation (poem)	▪ Situational Story
↓ JULY	PERIODIC TEST – 1				

Month Content/Theme	Vocabulary/ Grammar	Listening Skills	Speaking Skills	Reading Skills	Writing Skills
↓ August ❖ Book 1:Literature The Ashes that made the trees bloom	❖ Book 3:Grammar Adverbs & Degrees of comparison	<ul style="list-style-type: none"> ▪ Dictation ▪ Narration of a Japanese Tale 	<ul style="list-style-type: none"> ▪ Group discussion on There is sufficiency in the world for man's need, not for man's greed." ▪ Asking students on how many famous personalities come forward to help the needy. 	<ul style="list-style-type: none"> ▪ Dramatised reading ▪ Reading for detail 	<ul style="list-style-type: none"> ▪ Complaint Letter
↓ September ❖ Book 1 ○ Poem- Meadow Surprises	REVISION FOR HALF YEARLY EXAMINATION				
		<ul style="list-style-type: none"> ▪ 	Poem Recitation		

Month Content/Theme	Vocabulary/ Grammar	Listening Skills	Speaking Skills	Reading Skills	Writing Skills
↓ October ❖ Book 1:Literature The Expert Detectives	❖ Book 3:Grammar Conjunctions	<ul style="list-style-type: none"> ▪ Dictation ▪ Mock interview 	Narration of detective stories.	<ul style="list-style-type: none"> ▪ Newspaper reading ▪ Reading for appreciation 	<ul style="list-style-type: none"> ▪ Placing an Order
↓ November ❖ Book 1:Literature The Invention of Vita Wonk	❖ Book 3:Grammar <ul style="list-style-type: none"> ▪ Direct and Indirect Speech 	<ul style="list-style-type: none"> ▪ Dictation ▪ Audio clip - speech of famous scientist 	Children to share about home remedies for common ailment. Role play	<ul style="list-style-type: none"> ▪ Extended reading ▪ Reading for detail 	<ul style="list-style-type: none"> ▪ Formal letter

Month Content/Theme	Vocabulary/ Grammar	Listening Skills	Speaking Skills	Reading Skills	Writing Skills
↓ December ❖ Book 1:Literature Poem-Garden Snake	PERIODIC TEST – 2				
↓ January ❖ Book 1:Literature A Bicycle in good repair	❖ Book 3:Grammar ▪ Prepositions	▪ Interaction about different phobia	Children to share about their phobia and how they dealt with it.	▪ Extended reading	▪ Bio-sketch
↓ February	REVISION FOR ANNUAL EXAMINATION				
↓ March	ANNUAL EXAMINATION				

Curriculum Plan of Social Science

(Session: 20229-2023)

ANNUAL CURRICULUM PLAN

CLASS-VII

(SESSION:2023-24)

Computer Science

Examination Schedule & Syllabus

(Session: 2023-2024)

Computer Science	Term-1	Term-2
	7 September 2022 ↓ Flowchart ↓ algorithm ↓ Conversion <ul style="list-style-type: none">• Binary to decimal• Decimal to Binary ↓ More on windows ↓ More on e-mail	2 March 2023 ↓ M Word ↓ MS Excel ↓ MS Publisher

Curriculum Plan of Computer Science (Session: 2023-2024)

Book Prescribed: Magic With computers

Month	Theory	Activities	Practical /Project
April - Introduction To Computers	<ul style="list-style-type: none"> ➤ Computer system ➤ Hardware ➤ Software ➤ Relationship between hardware & software ➤ Data hierarchy ➤ Trouble shooting tips 	<ul style="list-style-type: none"> ➤ Recognition and classify the computer hardware and software part ➤ Mention the type and use of various hardware and software ➤ Discuss the relationship between hardware and software ➤ Explain the hierarchy of data ➤ Detect the problem in the computer system ➤ Concept of Trouble Shooting 	<ul style="list-style-type: none"> ➤ Prepare the list of hardware and software and type it in ms word
May	Vacation		

June More On MS Windows 7	<ul style="list-style-type: none"> ➤ Introduction ➤ Open windows explorer ➤ Libraries in ms windows ➤ Changing view of folders and file large view extra large small medium list detail title content ➤ Creating shortcut on desktop ➤ Organising files and folder in windows explorer ➤ Opening creating renaming selecting deleting moving copying viewing property ➤ Grouping files and folders ➤ On screen keyboard ➤ Cd burning 	<ul style="list-style-type: none"> ➤ Open Window Explorer ➤ Explorer Windows Library ➤ Change The View Of File Folder ➤ Organize File And Folder In Windows Explorer ➤ Create Shortcut Of File Folder ➤ Group File Folders In Different Ways ➤ Use On Screen Keyboard ➤ Burn CD DVD 	
--	--	---	--

Month	Theory	Activities	Practical /Project
July - August More on Q-basic	<ul style="list-style-type: none"> ➤ Introduction ➤ Difference statement and commands in q basic ➤ Control statement ➤ If else statement ➤ Graphics in q basic <ul style="list-style-type: none"> • Line • Circle 	<ul style="list-style-type: none"> ➤ Basic concept of programming ➤ Control statement let, input, print, cls etc ➤ Other statement <ul style="list-style-type: none"> • if-then- else, • if-end..if etc ➤ Change case 	<ul style="list-style-type: none"> ➤ Lab -Q basic program <ul style="list-style-type: none"> • Adding two numbers • Product of two numbers • Area / perimeter of rectangle , Triangle and square • Conversion <ul style="list-style-type: none"> ○ Rupees- Paise ○ KG t- mg ○ Meter -cm

- Greater number among two nos & three nos.
- Smaller number among two nos & three nos.
- Entering marks and calculating percentage & grade -Mark sheet
- Average of 4 nos.
- Lab -Q basic program
 - Drawing line
 - Drawing circle

September

Lab- Practical – Revision of all topics & Practical exam for Term-1

**HALF YEARLY
EXAMINATION**

Month	Theory	Activities	Practical /Project
October Computer Virus	<ul style="list-style-type: none"> ➤ Introduction ➤ Computer virus ➤ Harm caused by computer virus ➤ How do you get a computer virus ➤ History of computer virus ➤ Type of computer virus ➤ Protecting your computer ➤ Antivirus <ul style="list-style-type: none"> ● Using anti-virus software ● Scanning your computer ● Scanning external device ● Updating antivirus software 	<ul style="list-style-type: none"> ➤ Define computer virus ➤ List the ham and symptoms of computer virus ➤ List the ways in which a virus attack computer ➤ Know the history of computer virus ➤ Types of computer virus ➤ Learn how to protect the computer from virus ➤ Scan the computer and external device using anti-virus ➤ Update the anti-virus 	<ul style="list-style-type: none"> ➤ Find out the antivirus software in lab ➤ Scan the pen drive and pc and see the result on screen (status of virus or / and cleaning of files / folder)
November More On Internet	<ul style="list-style-type: none"> ➤ Introduction ➤ Impact Of Internet ➤ Online Education <ul style="list-style-type: none"> ● Searching Information ● Finding People ● Searching Informative Videos 	<ul style="list-style-type: none"> ➤ History of internet ➤ Impact on society good or bad ➤ Online education and its concept ➤ Searching information 	<ul style="list-style-type: none"> ➤ Lab- Searching information on "Save earth -Save Water" ➤ Lab -Download the images of Chandrayan-2

	<p>Using A Tablet</p> <ul style="list-style-type: none"> ● E- Greeting Cards ● Downloading ● Chatting 	<p>through search engine</p> <ul style="list-style-type: none"> ➤ Finding people and chatting ➤ Searching and downloading images videos and audios 	
<p>December More On MS Excel 2007 Formulae And Function</p>	<ul style="list-style-type: none"> ➤ Revision of MS Excel data sheet, cell ,cell address ➤ Data entry and formatting ➤ Text Formula ➤ Types Of Cell Referencing ➤ Using Function <ul style="list-style-type: none"> ● Sum, Average, Count, Max, Min, If ➤ Conditional Formatting ➤ Sorting Data ➤ Filtering Data <ul style="list-style-type: none"> ● Custom Filter 	<ul style="list-style-type: none"> ➤ Define cell referencing ➤ Define relative, absolute and mixed referencing ➤ Using different function in ms excel(sum, average, count number, max, min and if) ➤ Applying conditional formatting ➤ Define sorting and filtering of data ➤ Apply filter and custom auto filter on a range ➤ Define sorting and sort the data ➤ Perform various operations on cell (overwrite, modify, delete, cut, copy, paste) ➤ Insert & delete cells and rows/ columns ➤ Adjust row and column width ➤ Enter a predefined series of data using auto fill ➤ Create custom list using auto 	<ul style="list-style-type: none"> ➤ Create worksheet and write formula to calculate total marks and percentage highest, lowest marks and grade ➤ Create bill of purchasing books, discount and final amount using formula

		fill.	
January Charts In MS Excel 2007	<ul style="list-style-type: none"> ➤ Introduction ➤ Component Of A Chart ➤ Types Of Chart In MS Excel 2007 ➤ Creating Chart <ul style="list-style-type: none"> • Changing The Chart Type • Changing The Chart Style ➤ Changing Data In Text In A Chart ➤ Deleting Data And Text In A Chart ➤ Resizing And Moving Charge Chart ➤ Printing Charts 	<ul style="list-style-type: none"> ➤ Define chart and mention its advantage ➤ Identify the component of a chart ➤ Identify and define different types of chart ➤ Create chart in ms excel 2007 ➤ Change the chart type, chart style ➤ Change / delete text and data in a chart ➤ Resize and move a chart 	<ul style="list-style-type: none"> ➤ Lab - <ul style="list-style-type: none"> • Create Pie, Bar, Donut Chart For Giving Given Output • Create A Bar Chart For All Subject Marks Of Student • Create Pie Chart To Area And Gases
February	Lab Practice For Ms Excel -formulae and charts and Practical Annual Examination		
March	ANNUAL EXAMINATION- Written		

Books prescribed: 1. Our Pasts–II- (History) 2.Our Environment (Geo) 3. Social and Political Life –II (Civics)

Month Content/Theme	Curriculum plan of Social Studies (2022-2023)		ten Work
<p>April</p> <p>↓ Our Pasts -II</p> <ul style="list-style-type: none"> ▪ Chapter-1 Tracing Changes Through A Thousand Years <ol style="list-style-type: none"> 1) New and Old Terminologies 2) Historians and their Sources 3) New Social and Political Groups 4) Region and Empire 5) Old and New Religions 6) Thinking about Time and Historical Period ▪ Chapter-2 New Kings and Kingdoms <ol style="list-style-type: none"> 1) The emergence of new dynasties 2) Administration in the Kingdoms 3) Prashastis and land grants 4) Warfare for wealth 5) A closer look- The Cholas <p>↓ Our Environment</p> <ul style="list-style-type: none"> ▪ Chapter-1 Environment <ol style="list-style-type: none"> 1) Natural Environment 2) Human Environment 	<p>Literary sources and Archaeological sources of medieval period.</p> <p>Map marking on chola kingdoms.</p> <p>Video on components of environment.</p>	<p>Discussion on New social and political groups of medieval India.</p> <p>Discussion about the famous rulers of North and South India.</p> <p>Discussion on environmental problems.</p>	<ol style="list-style-type: none"> 1) Question Answers and bookwork 2) Timeline on Medieval Period in India. <ol style="list-style-type: none"> 1) Question Answers and bookwork 2) Map Activity on the extent of major Indian kingdoms of early medieval period. 3) Timeline of dynasties of Medieval Time. <ol style="list-style-type: none"> 1) Question Answers and bookwork 2) Flowchart on components of Environment.

Month Content/Theme	Project/ Activity	Oral Work	Written Work
June ↓ Social and Political Life-II <ul style="list-style-type: none"> ▪ Chapter 1- On Equality <ol style="list-style-type: none"> 1) Equal Right to vote 2) Other kinds of equality 3) Recognizing dignity 4) Issues of equality in other democracies 5) Challenge of Democracy 	Fundamental Rights	Debate on the issue 'Indian Democracy is a boon to Indian Society'	1) Question Answers
June ↓ Our Environment <ul style="list-style-type: none"> ▪ Chapter 2-Inside Our Earth <ol style="list-style-type: none"> 1) Interior of the Earth 2) Rocks and Minerals 	PERIODIC TEST - 1		
	<ol style="list-style-type: none"> 1) Video on the formation of rocks 2) Video on layers of the earth 	Discussion about formation of rocks	<ol style="list-style-type: none"> 1) Question Answers 2) Flow chart on layers of the earth 3) Diagram on Rock Cycle
July ↓ Social and Political Life-II <ul style="list-style-type: none"> ▪ Chapter 2 Role of the Government in Health <ol style="list-style-type: none"> 1) What is Health? 2) Healthcare in India 3) Public and private health care services 4) Public health services 5) Private health services 6) Healthcare and equality: Is adequate healthcare available to all? 7) What can be done? 8) The Kerala experience 9) The Costa Rican approach 	Video on Public Healthcare and Private Healthcare facilities	Debate on Public Healthcare and Private Healthcare facilities	1) Question Answers

Month Content/Theme	Project/ Activity	Oral Work	Written Work
July ↓ Social and Political Life-II <ul style="list-style-type: none"> ▪ Chapter-3 How the State Government Works <ol style="list-style-type: none"> 1) A debate in the Legislative Assembly 2) Working of the Government 3) A wall paper project ↓ Our Pasts –II <ul style="list-style-type: none"> ▪ Chapter-3 The Delhi Sultans <ol style="list-style-type: none"> 1) Finding out about the Delhi Sultans 2) From garrison town to empire- the expansion of the Delhi Sultanate 3) A closer look: Administration and Consolidation under the Khaljis and Tughluqs 4) The Sultanate in the fifteenth and sixteenth centuries ↓ Our Environment <ul style="list-style-type: none"> ▪ Chapter-3 Our Changing Earth <ol style="list-style-type: none"> 1) Major land forms 2) Work of a river 3) Work of sea waves 3) Work of wind 4) Work of wind 	Video on Working of State Government Video on the rulers of Delhi Sultanate Role play on Raziya sultan, Allauddin Khalji and Tughluq's Video on the endogenic and exogenic forces of the earth Earthquake skit(how much its effect with its measurements)	Discussion on Unicameral and Bicameral States of India Discussion on the comparison of Delhi Sultans from early Muslim invaders Discussion about the work of different land forms	1) Question Answers 2) Flow chart on the Institution of State Government 1) Question Answers and book work 2) Timeline about the rulers of Delhi 1) Question Answers 2) Flow chart on evolution of landforms 3) Diagram on origin of an earthquake.
August ↓ Our Pasts –II <ul style="list-style-type: none"> ▪ Chapter-4 The Mughal Empire <ol style="list-style-type: none"> 1) Who were the Mughals? 2) Mughal Military Campaigns 3) Mughal Traditions of Succession 4) Mughal Relations with other rulers 	1) Collage of the constructions during the reign of Shah Jahan 2) Video on Early Mughals and Later Mughals	Discussion about Six great early Mughals	1) Question Answers 2) Timeline about the rulers of Mughal Empire 3) Map Activity on Military Campaign by Mughal Rulers

Month Content/Theme	Project/ Activity	Oral Work	Written Work
<p>August ↓ Our Environment</p> <ul style="list-style-type: none"> ▪ Chapter-4 Air <ol style="list-style-type: none"> 1) Composition of the Atmosphere 2) Structure of the Atmosphere 3) Weather and Climate <p>↓ Social and Political Life-II</p> <ul style="list-style-type: none"> ▪ Chapter-4 Growing up as Boys and Girls <ol style="list-style-type: none"> 1) Growing up in Samoa in the 1920s 2) Growing up male in Madhya Pradesh in the 1960s 3) Valuing housework 4) Lives of domestic workers 5) Women's work and equality <p>↓ Our Pasts -II</p> <ul style="list-style-type: none"> ▪ Chapter-5 Rulers and Buildings <ol style="list-style-type: none"> 1) Engineering Skills and Construction 2) Buildings Temples, Mosques and Tanks 3) Why were temples destroyed? 4) Gardens, Tombs and Forts Region and Empire 	<p>1) Video on three types of rainfall 2) Make a weather calendar for one week</p> <p>Video on women's equality</p> <p>Video on constructions of buildings by Mughal Emperors</p>	<p>Discussion on current status of Global Warming</p> <p>Discussion about Gender discrimination</p> <p>Discussion on Architectural styles of Mughal rulers</p>	<p>1) Question Answers 2) Diagram on Layers of Atmosphere</p> <p>Question Answers</p> <p>-</p>
<p>September ↓ Social and Political Life-II</p> <ul style="list-style-type: none"> ▪ Chapter-5 Women Change the World <ol style="list-style-type: none"> 1) Fewer opportunities and rigid expectations 2) Learning for change 3) Schooling and education today 4) Women's movement 5) Campaigning 6) Showing Solidarity 	HALF YEARLY EXAMINATION		
	<p>Video on Women empowerment</p>	<p>Discussion about women's role in today's world</p>	<p>1) Question Answers</p>

Month Content/Theme	Project/ Activity	Oral Work	Written Work
<p>September ↓ Our Pasts -II</p> <ul style="list-style-type: none"> ▪ Chapter-6 Towns, Traders and Crafts persons <ol style="list-style-type: none"> 1) Administrative Centre's 2) Temples, towns and Pilgrimage Centres 3) A Network of Small Towns 4) Traders Big and Small 5) Crafts in Towns 6) A Closer Look: Hampi, Masulipatnam and Surat 7) A Gateway in the West: Surat 8) Fishing in Troubled Waters: Masulipatnam 9) New Towns and Traders 	<p>Video on Traders and Crafts persons of Medieval India</p>	<p>Discussion about Hampi, Masulipatnam and Surat</p>	<ol style="list-style-type: none"> 1) Question Answers and book work 2) Map Activity on centres of trade in central and south India
<p>October ↓ Our Environment</p> <ul style="list-style-type: none"> ▪ Chapter -5Water <ol style="list-style-type: none"> 1) Distribution of Water Bodies 2) Ocean Circulation 3) Ocean Currents ▪ Ch-6 Natural Vegetation and Wildlife <ol style="list-style-type: none"> 1) Forests 2) Grasslands <p>↓ Social and Political Life-II</p> <ul style="list-style-type: none"> ▪ Chapter-6 Understanding Media <ol style="list-style-type: none"> 1) Media and technology 2) Media and money 3) Media and democracy 4) Setting agendas 	<ol style="list-style-type: none"> 1) Video on formation of spring tide and neap tide <p>Video on natural vegetation and wildlife</p> <p>Video on role of media in a democracy</p>	<p>Discussion on the importance and ways to conserve fresh water</p> <p>Discussion on importance of Forests and wildlife</p> <p>Discussion about media's role on a democracy</p>	<ol style="list-style-type: none"> 1) Question Answers 2) Map work on Ocean currents and major seas, lakes and rivers of the world. 3) Diagram of Spring Tide and Neap Tide <ol style="list-style-type: none"> 1) Question Answers 2) Flow chart on Types of Vegetation <ol style="list-style-type: none"> 1) Question Answers

Month Content/Theme	Project/ Activity	Oral Work	Written Work
<p>November</p> <p>↓ Social and Political Life-II</p> <ul style="list-style-type: none"> ▪ Chapter 8 Market Around Us <ol style="list-style-type: none"> 1) Weekly market 2) Shops in the neighbourhood 3) Shopping complexes and malls 4) Chain of markets 5) Markets everywhere 6) Markets and equality <p>↓ Our Pasts -II</p> <ul style="list-style-type: none"> ▪ Ch-8 Devotional Paths to the Divine <ol style="list-style-type: none"> 1) The Idea of a Supreme God 2) A New Kind of Bhakti in South India- Nayanars and Alvars 3) Philosophy and Bhakti 4) Basavanna’s Virashaivism 5) The Saints of Maharashtra 6) Nathpanthis, Siddhas and Yogis 7) Islam and Sufism 8) The Religious Development in North India 9) A Closer Look: Kabir 10) A Closer Look: Baba Guru Nanak Dev <p>↓ Our Environment</p> <ul style="list-style-type: none"> ▪ Ch-8 Human Environment Interactions:- The Tropical and the Subtropical Region <ol style="list-style-type: none"> 1) Life in the Amazon basin 2) Climate 3) Rainforests 4) People of the Rainforests 5) Life in the Ganga- Brahmaputra Basin 	<p>Video on different kinds of markets</p> <p>Video on Bhakti and Sufi Traditions in India</p> <p>Video on tropical and sub-tropical region of the world</p>	<p>Discussion on role of different kinds of markets</p> <p>Discussion on Bhakti and Sufi movements in Medieval India</p> <p>Group Discussion on- “Deforestation – A Growing Concern”</p>	<p>1) Question Answers 2) Flow chart on types of markets</p> <p>1) Question Answers 2) Timeline on Popular Bhakti and Sufi movements</p> <p>1) Question Answers 2) Map work on Ganga Brahmaputra basin and Amazon basin</p>

Month Content/Theme	Project/ Activity	Oral Work	Written Work
December ↓ Our Pasts -II <ul style="list-style-type: none"> ▪ Ch-9 The Making of Regional Cultures <ol style="list-style-type: none"> 1) The Chera and the Development of Malayalam 2) Rulers and Religious Traditions: The Jagannatha Cult 3) The Rajputs and Traditions of Heroism 4) Beyond Regional Frontiers: The Story of kathak 5) Paintings for Patrons: The Tradition of Miniatures 6) A Closer Look: Bengal 7) Pairs and Temples 8) Fish as food ↓ Social and Political Life-II <ul style="list-style-type: none"> ▪ Ch-9 A Shirt in the Market <ol style="list-style-type: none"> 1) A cotton farmer in Kurnool 2)The cloth market of Erode 3) The garment exporting factory near Delhi 4) The shirt in the United States 5) Who are the gainers in the market? 6) Market and equality 	PERIODIC TEST - 2		
	Video on different classical dance forms of India • Students will perform different dance form.	Discussion on various classical dance forms of India	No Question Answers only activity
	1) Video on the story of a shirt 2) Collage on different kinds of textiles available in the Indian Market	Discussion about chain of markets	Question Answers
January ↓ Our Pasts -II <ul style="list-style-type: none"> ▪ Ch-10 Eighteenth Century Political Formations <ol style="list-style-type: none"> 1) The Crisis of the Empire and Later Mughals 2) Emergence of New States 3) The Old Mughal Provinces 4) The Watan Jagirs of the Rajputs 5) Seizing Independence 	Video on emergence of new states in medieval period	Discussion on famous buildings and monuments of Asaf Jah	1) Question Answers 2) Map Activity on British Territories in the mid eighteenth century

Month Content/Theme	Project/ Activity	Oral Work	Written Work
<p>January</p> <p>↓ Our Environment</p> <ul style="list-style-type: none"> ▪ Ch-9 Life in Temperate Grasslands <ol style="list-style-type: none"> 1) The Prairies 2) Climate 3) Flora and Fauna 4) People 5) The Velds 6) Climate 7) Flora and Fauna 8) People ▪ Ch-10 Life in the Deserts <ol style="list-style-type: none"> 1) The Hot Desert-Sahara 2) The Cold Desert- Ladakh <p>↓ Social and Political Life-II</p> <ul style="list-style-type: none"> ▪ Ch-10 Struggles for Equality <ol style="list-style-type: none"> 1) Struggles for equality 2) Tawa MatsyaSangh 3) The Indian Constitution as a living document 	<p>Video on the Prairie and the Veld Grasslands</p> <p>Video on Sahara and Ladakh Desert</p> <p>Video on different kinds of struggles for equality</p>	<p>Discussion on the interesting facts of the Prairies and the Velds Grasslands</p> <p>Discussion about the festivals of Ladakh Desert and tribes of Sahara Desert</p> <p>Discussion on value of equality in Indian Democracy</p>	<p>1) Question Answers and bookwork 2) Map Activity on the location of The Prairies and the Velds Grasslands</p> <p>1) Question Answers and bookwork 2) Map Activity on the location of Sahara and Ladakh Desert</p> <p>Question Answers</p>
February	Revision for Annual Examination		
March	Annual Examination		

			Կ Կ Կ ԿԿԿ Կ Կ Կ
Կ	Կ Կ Կ Կ(Կ Կ Կ Կ)Կ	Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ,Կ Կ Կ Կ ԿԿԿԿԿ	Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ .
Կ	September Կ Կ Կ Կ Կ Կ ԿԿԿԿԿԿ Կ Կ	Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ ԿԿԿԿ Կ Կ Կ ,Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ,Կ Կ Կ Կ Կ Կ,Կ Կ Կ Կ Կ Կ Կ	Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ
Կ	October Կ Կ Կ Կ Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ	Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ ԿԿԿԿ Կ Կ Կ,Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ,Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ	Կ Կ
Կ Կ	November Կ Կ Կ Կ Կ Կ (Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ)	Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ ԿԿԿԿ Կ Կ ԿԿԿԿ ?,Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ ԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ Կ	Կ Կ Կ Կ Կ Կ ԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ
Կ Կ	December Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ (Կ Կ Կ Կ)Կ	Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ,ԿԿԿԿԿ Կ Կ Կ Կ ԿԿԿԿԿԿԿԿ	Կ Կ Կ Կ Կ Կ Կ ԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ
Կ Կ	January Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ	Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ ԿԿԿԿ Կ Կ Կ,Կ Կ Կ Կ Կ Կ Կ ,Կ Կ Կ Կ Կ Կ ԿԿԿԿ Կ Կ Կ.	Կ Կ ԿԿԿԿ Կ Կ Կ ԿԿԿԿԿԿԿ Կ Կ Կ Կ ԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ
Կ Կ	Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ	Կ Կ Կ Կ Կ ԿԿԿԿԿ Կ Կ Կ Կ Կ Կ Կ Կ	Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ Կ

		<p>ህ ህ ህ ህ ህ ህ, ህህህህ ህ ህህህ ህ ህ ህ</p> <p>, ህ ህ ህ ህ ህ ህህህህህህ ህ ህ ህ ህህህ ህ ህ ህ ህ ህ</p>	<p>ህ ህ ህ ህህህህ ህ ህ ህህ ህ ህ ህ ህ ህ ህ</p> <p>ህ ህ ህ ህ ህህ ህ ህህ ህ ህ ህ ህ ህ</p> <p>ህ ህ ህ ህ ህ ህ</p>
ህ ህ	<p>February</p> <p>ህ ህ ህ ህ ህ ህ (ህ ህ ህ ህ)ህ</p>	<p>ህ ህ ህ ህ ህ ህ ህህህህ ህ ህ ህ ህ ህ ህ ህ ህ</p> <p>ህ ህ ህ ህ ህ ህ ህ, ህ ህ ህ ህ ህህህ ህ ህ ህ</p>	<p>ህ ህ ህ ህህ ህ ህ ህ ህ ህህህ ህ ህ</p> <p>ህ ህ ህ ህ ህ ህ</p>

