

## SUBJECT: COMMUNICATIVE ENGLISH

**SUBJECT CODE: 101**

Month	Literature Reader	Main Course Book	Reading, Grammar & Advanced Writing Skills	Activities/ Projects
April	<p>PROSE</p> <p>1. How I Taught my Grandmother to Read</p> <p>POETRY</p> <p>1. The Brook</p>	UNIT 1 People	<p>1. Tenses and it's kinds, usage</p> <p>2. Determiners</p> <p>WRITING SKILLS: Email to school authorities (Application for leave/ change of subject / change of section/ bus-timings or similar topics) in maximum 50 words.</p>	Demonstrative Knowledge + Understanding (Knowledge based simple recall questions, to know specific facts, terms, concepts, principles or theories, identify, define etc.)
May	<p>PROSE</p> <p>2. A Dog Named Duke</p>	UNIT - 2 Adventure	<p>Subject - Future Time Reference</p> <p>WRITING SKILLS: Notice Writing</p>	Comprehension ☑ to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase information)
June	<p>POETRY</p> <p>2. The Road Not Taken (Poem)</p> <p>PROSE</p> <p>3. The Man Who Knew Too Much</p>	UNIT -3 Environment	<p>Modals</p> <p>WRITING SKILLS: Descriptive Writing(person, place and event)</p>	
July	<p>POETRY</p> <p>3. Solitary Reaper</p> <p>DRAMA</p> <p>1. Villa For Sale</p>	UNIT 3  Environment (Contd..)	<p>Connectors</p> <p>Article Writing: based on verbal cues</p>	Conceptual Application (Use abstract information in concrete situation, to apply knowledge to new situations; use given content to interpret a situation, provide an example or solve a problem)
Aug	Villa For Sale ( Contd..)	UNIT 4 Radio Show	Revision	

Month	Literature Reader	Main Course Book	Reading, Grammar & Advanced Writing Skills	Activities/ Projects
September	FIRST TERMINAL EXAMINATION			
October	PROSE: 4. Keeping It From Harold  POETRY: 4. The Seven Ages	UNIT 4 Mystery	Integrated Grammar exercises:  *Gap filling *Editing or Omission	Classroom interaction among peers, students and teachers through activities such as role play, group work etc.  To make evaluation a true index of learners' attainment, each language skill is to be assessed through a judicious mixture of different types of questions.
November	PROSE: 5. Best Seller  POETRY: 5. Oh, I wish I Looked After Me Teeth	UNIT 4 Mystery (Contd..)	Integrated Grammar exercises based on the topics of Grammar:  *Sentences Reordering *Sentence Transformation	Take up questions for discussion to encourage pupils to participate and to marshal their ideas and express and defend their views. Besides measuring attainments, texts serve the dual purpose of diagnosing mistakes and areas of non-learning.
December	POETRY: 6. Song Of The Rain  DRAMA: 2. Bishop's Candlesticks	UNIT 6 Children	REVISION	Reading for comprehension, critical evaluation, inference and analysis are skills to be tested.
January	Bishop's Candlesticks (Contd..)	Unit 7 Sports and Games	REVISION	REVISION
February	REVISION	REVISION	REVISION	REVISION
March	ANNUAL EXAMINATION			

**ASSESSMENT BLUPRINT CLASS IX ENGLISH (2024-25)**

Section	Question type	Total number of questions	Marks per question	Total marks
Section A	Reading Skills (Two unseen passage)	2 unseen passages with 10 sub./MCQ based questions each	12+10	22 marks
Section: B	Writing Skills  (Two Short composition and two long composition)	Email ,( formal)  Factual Description  Formal letter  Article = 4 questions	3+4+7+8	22 marks
Section: C	Grammar	Gap filling  Editing or Omission  Sentences Reordering or Sentence Transformation in context  = 3 questions	3+4+3	10 marks
Section: D	Literature	2 Reference to context questions  5 Short answer type questions  1 Long answer type question  = 8 questions	4+4=,8  5x,2=10  8 marks	26 marks
Overall. = 10 Questions TOTAL: 80				

हिंदी

TERM- I

Month	Chapters
April	दो बैलों की कथा, साखियां एवं सबद (क्षितिज भाग1-) अलंकार, अनुच्छेदलेखन(व्याकरण)
May	इस जल प्रलय में (कृतिका भाग1-) समास, पत्र -लेखन (व्याकरण)
June	लहासा की ओर, वाख (क्षितिजभाग1-)
July	उपभोक्तावाद की संस्कृति, सवेये, सांवाले सपनों की याद (क्षितिज भाग1-) उपसर्ग -प्रत्यय, वाक्य- भेद (अर्थ के आधार पर), संवाद- लेखन (व्याकरण)
August	मेरे संग की औरतें (कृति का भाग- 1) लघुकथा- लेखन, सूचना- लेखन, ईमेल-लेखन
September	Revision and Term- I Exam
Forinternalassessment	1) कक्षा में सस्वर कविता वाचन (साखियां एवं सबद) 2) भक्ति काल के पांच कवियों का सचित्र जीवन परिचय, कार्य क्षेत्र तथा उनकी प्रमुख रचनाओं का उल्लेख करते हुए कम से कम प्रत्येक की एक रचना (पद) सुंदर अक्षरों में लिखकर आकर्षक परियोजना कार्य तैयार करें।

TERM- II

Month	Chapters
October	प्रेमचंद के फटे जूते, कैदी और कोकिला (क्षितिजभाग1-)
November	मेरे बचपन के दिन, ग्राम श्री (क्षितिजभाग1-)
December	रीढ की हड्डी (कृतिका भाग1-), मेघ आए (क्षितिज भाग - 1)
January	बच्चे कम पर जा रहे हैं, Revision for Final Exam
Forinternalassessment	1) 'वैश्विक स्तर पर हिंदी का स्थान एवं महत्व' विषय पर आलेख लिखकर कक्षा में भाषण के रूप में प्रस्तुत करें। 2) समूह बनाकर समसामयिक मुद्दों पर कक्षा में नाटक प्रस्तुतिकरण। (शिक्षक अपनी पसंद का कोई भी विषय दे सकते हैं)

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विषय वस्तु	उप भार	कुल भार (100)
खंड अ		
बहुविकल्पीय प्रश्न		
एक अपठित गद्यांश विकल्प के बिना ( पांच प्रश्न)	1X 5=5	
एक अपठित काव्यांश विकल्प सहित (पांच प्रश्न)	1X5=5	10
रचना के आधार पर वाक्य भेद (पांच में से चार प्रश्न)	1X 4=4	
वाच्य (पांच में से चार प्रश्न)	1X 4=4	
पदह परिचय (पांच में से चारप्रश्न)	1X 4=4	
अलंकार (पांच में से चार प्रश्न)	1X 4=4	16

विषय वस्तु	उप भार	कुल भार (100)
क्षितिज से निर्धारित पाठोंमें से गद्यांश के आधार पर (पांच प्रश्न)	1X5=5	
क्षितिज से निर्धारित गद्य पाठों के आधार पर (दो प्रश्न)	1X 2=2	
क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर (पांच प्रश्न)	1X5=5	
क्षितिज से निर्धारित कविताओं के आधार पर (दो प्रश्न)	1X 2=2	14
खं डब वर्णनात्मक प्रश्न		
क्षितिज से निर्धारित पाठोंमें से विषय वस्तु का ज्ञान बोध अभिव्यक्ति आदि पर (चार में से तीन प्रश्न)	2X 6=3	
क्षितिज से निर्धारित कविताओं के आधार पर काव्यबोधपरखने हेतु (चार में से तीन प्रश्न)	2X 6=3	
कृतिका के निर्धारित पाठोंपर आधारित (तीन में से दो प्रश्न)	4X8=2	20
अनुच्छेद लेखन (तीन विषयों में से कोई एक)	6	
औपचारिकअथवा अनौपचारिक पत्र	5	
लघुकथा- लेखन अथवा ईमेल - लेखन	5	
संवाद- लेखन अथवासूचना- लेखन	4	20
आंतरिक मूल्यांकन		
सामयिकआकलन	5	
बहुविधआकलन	5	
पोर्टफोलियो	5	
श्रवण तथा वाचन	5	20

## SANSKRIT SYLLABUS

## TERM 1

मासाः	पाठाः	विषयाः	व्याकरणपाठाः
अप्रैलमासः	प्रथमपाठः	भारतीवसन्तगीतिः	सन्धिकार्यम् (२+२)४ स्वरसन्धिः- दीर्घ, गुण, बृद्धिः, यण्, अयादि व्यञ्जनसन्धिः i. वर्गीयप्रथमवर्णस्यतृतीयवर्णेपरिवर्तनम्, ii. अनुस्वार विसर्गसन्धिः - i. विसर्गस्यउत्त्वम्, ii. रत्वम्, उपसर्गाः (द्वाविंशतिः) प्रत्ययाः- क्त्वा, तुमुन्, ल्यप्, शतृ, शानच्, क्त, क्तवतु(३+१) ४
मईमासः	द्वितीयपाठः	स्वर्णकाकः	4. कारक- उपपद- विभक्तयः कारक-उपपद-विभक्तयः ४ ▪ द्वितीया – समया,निकषा, प्रति, विना, परितः, उभयतः, धिक् ▪ तृतीया- सह, समम्, साकम्, सार्धम्, विना, अलम्, सदृश, हीन ▪ चतुर्थी - रुच्, दा (यच्छ), नमः, कुप्, स्वस्ति ▪ पञ्चमी - विना, बहिः भी, रक्ष्, ऋते ▪ षष्ठी- उपरि, अधः, पुरतः, पृष्ठतः, निर्धारणे ▪ सप्तमी- सिह्, विश्वस्, निपुण, पटु
जूनमासः	तृतीयपाठः पञ्चमपाठः	गोदोहनम् सुक्तिमौक्तिकम्	5. समयः-अङ्कानांस्थानेशब्देषुसमयलेखनम् (सामान्य, सपाद, सार्ध, पादोन ) ४ शब्दरूपाणि४ ▪ अकारान्तः(पुल्लिङ्ग)बालकवत् ▪ इकारान्तः(पुल्लिङ्ग)कविवत् ▪ उकारान्तः(पुल्लिङ्ग)साधुवत् ▪ आकारान्तः(स्त्री) लतावत् ▪ ईकारान्तः (स्त्री)नदीवत् ▪ ऋकारान्तः (पुल्लिङ्ग) पितृवत् ▪ ऋकारान्त (स्त्रीलिङ्ग) मतृवत् ▪ हलन्ताः-राजन्, भवत्, विद्वस्, गुणिन् सर्वनामशब्दाः- ▪ अस्मद्, युष्मद्, तत्, इदम्, किम् (त्रिषु लिङ्गेषु)

मासाः	पाठाः	विषयाः	व्याकरणपाठाः
जुलाईमासः	षष्ठपाठः  नवमपाठः दशमपाठः एकादशःपाठः द्वादशः पाठः	भ्रान्तो बालः  सिकतासेतुः जटायोः शौर्यम् पर्यावरणम् वाङ्मनः प्राणस्वरूपम्	6. धातुरूपाणि ४ परस्मैपदिनः □वद्, गम्, पठ्, भू, दृश्, नी, क्रीड्, शक्, ज्ञा, अस्, क्री, दा, श्रु, पा(पिब), कृ, सेव्, लभ्(पञ्चसुलकारेषु) 7. अव्ययानि २ ▪ स्थानबोधकानि- अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र ▪ कालबोधकानि- यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः ▪ प्रश्नबोधकानि- किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम् ▪ अन्यानि- च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव 8. सङ्ख्या 1-100 (1-4 केवलं प्रथमा-विभक्तौ) २ 9. अपठितावबोधनम् (१० अंकाः) 80-100 शब्दपरिमितः एकः अपठितः गद्यांशः, सरलकथा, वर्णने २+४+३+१ i. एकपदेन पूर्णवाक्येन च अवबोधनात्मकं कार्यम् ii. अनुच्छेदाधारितं भाषिककार्यम् iii. शीर्षकलेखनम्
अगस्तमासः	पुनरावृत्तिः	गद्यांश-पद्यांश-नाट्यांश अधिकृत्य अवबोधनात्मकं कार्यम् (३० अंकाः) प्रश्नप्रकाराः एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि भाषिककार्यम्- वाक्येकर्तृक्रियापदचयनम्, विशेषण-विशेष्यचयनम् पर्याय-विलोमपदचयनम् I. वाक्येषु रेखाङ्कितपदानि अधिकृत्य चतुर्णां प्रश्नानां निर्माणम् ४ II. श्लोकान्वयः/एकस्य श्लोकस्य संस्कृतेन भावार्थलेखनम् ४ iii. घटनाक्रमानुसारं कथालेखनम् ४ IV. प्रसङ्गानुकूलमर्थलेखनम् ३	10. रचनात्मककार्यम् (१५ अंकाः) i. सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकं पत्रलेखनम् ५ ii. चित्रवर्णनम् अथवा अनुच्छेदलेखनम् ५ iii. हिन्दीभाषायाम् आङ्ग्लभाषायां वालिखितानां पञ्चसरलवाक्यानां संस्कृतभाषायाम् अनुवादः ५

TERM-2

सितम्बरमासः	अष्टमपाठः	विचित्रः साक्षी	
अक्टूबरमासः	नवमपाठः	सूक्तयः	
नवम्बरमासः	द्वादशपाठः	अन्योक्तयः	
दिसम्बरमासः	पुनरावृत्तिः		

## प्रश्नपत्राणांप्रारूपम्

प्रश्नप्रकारः	प्रश्नाणां सङ्ख्या	विभाग-सङ्ख्या	प्रतिप्रश्नम् अङ्कभारः	आहत्याङ्काः
अति-लघूत्तरात्मकाः ½ अङ्कः	6= 2+2+ 2	3	½	3
अति-लघूत्तरात्मकाः 1अङ्कः	2=2	1	1	2
बहुविकल्पात्मकाः 1अङ्कः	18 = 3+4+4+4+ 3	5	1	18
लघुत्तरात्मकाः ½अङ्कः	20=4+4+4+4+4	5	½	10
लघुत्तरात्मकाः 1अङ्कः	11= 4+1+2+2+ 2	5	1	11
दीर्घोत्तरात्मकाः ½ अङ्कः	8= 8	1	½	4
दीर्घोत्तरात्मकाः 1अङ्कः	20=4+2+2+2+5+5	6	1	20
दीर्घोत्तरात्मकाः 2अङ्कः	2=2	1	2	4
निबन्धात्मकाः 3 अङ्काः	1=1	1	3	3
निबन्धात्मकाः 5 अङ्काः	1=1	1	5	5
			आहत्याङ्काः	80



## SUBJECT : - Mathematics

MONTH	TOPIC	ACTIVITY / PROJECT
APRIL	CHAPTER -1 - Number Systems CHAPTER 2 – Polynomials	1) To construct a square root spiral 2) To represent some irrational numbers on the number line 3) To verify the algebraic identity $(a+b+c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$ 4) To verify experimentally that if two lines intersect each other, then (i) the vertically opposite angles are equal (ii) the sum of two adjacent angles is $180^\circ$ (iii) the sum of all the four angles is $360^\circ$ 5) To verify experimentally the different criteria for congruency of triangles using triangle cut outs. PROJECT :- Indian mathematicians and their contributions
MAY	CHAPTER 4 – Linear Equation to Two Variables CHAPTER 5 – Introduction to Euclid’s Geometry	
JUNE	CHAPTER 3 – Coordinate Geometry	
JULY	CHAPTER 6 – Lines and Angles	
AUGUST	CHAPTER 7 - Triangles CHAPTER 10 – Heron’s Formula	
SEPTEMBER	Revision and First Term	
OCTOBER	CHAPTER 8 – Quadrilaterals	6) Sum of angles of the Quadrilaterals is $360^\circ$ 7) To verify that the angles in the same segment of a circle are equal 8) To verify that the opposite angles of a cyclic quadrilateral are supplementary 9) To obtain the formula for the surface area of a sphere 10) To draw histograms for classes of equal widths and varying widths.
NOVEMBER	CHAPTER 9 – Circles	
DECEMBER	CHAPTER 11 – Surface Areas and Volumes	
JANUARY 2025	CHAPTER 12 – Statistics	
FEBRUARY 2025	Revision and Second Term	

**BLUEPRINT  
TERM -2 (2024-2025)**

Chapter	Section - A MCQ Type (1 Mark)	Section - A AR Type (1 Mark)	Section - B SA Type (2 Marks)	Section - C LA I Type (3 Marks)	Section - D LA - II Type (5 Marks)	Section - E Case - Study (4 Marks)	Total Marks (No. of Qs)w
Number Systems	2		1	2*			10 (5)
Polynomials	1	1	1	1	1*		12 (5)
Linear Equations in Two Variables	1			1*		1**	8 (3)
Coordinate Geometry	1			1			4 (2)
Introduction to Euclid's Geometry	1			1			4 (2)
Lines and Angles	1	1	1				4 (3)
Triangles	2		1*				4 (3)
Quadrilaterals	2				1		7 (3)
Circles	2		1*				4 (3)
Heron's Formula	2						2 (2)
Surface Area and Volumes	2				1*	1**	11 (4)
Staistics	1				1	1**	10 (3)
Total Marks (No. of Questions)	18 (18)	2 (2)	10 (5)	18 (6)	20 (4)	12 (3)	80 (38)
* These are Questions with the Internal Choice							
** Internal Choices given for a 2 Marks question (sub part) in all the Case Study questions)							

## SCIENCE 2024-25

### COURSE STRUCTURE (ANNUAL EXAMINATION)

UnitNo.	Unit	Marks
I	Matter–Its Nature and Behavior	25
II	Organization in the Living World	22
III	Motion, Force and Work	27
IV	Food; Food Production	06
	Total	80
	Internal Assessment	20
	Grand Total	100

MONTH	TOPIC	ACTIVITY
APRIL	Motion  Matter in our surroundings  The fundamental unit of life	Recognising uniform and non-uniform motion with the given data.  Diffusion of Potassium permanganate crystals in water.  Preparation of Stained mounts of Onion Peel and to record observations and their labelled diagrams.
MAY	Motion  Matter in our surroundings  The fundamental unit of life	Study of distance time and velocity time graphs for different types of motion.  Project on intermolecular arrangement of particles in different states.  Sublimation of Camphor or iodine.  Preparation of Stained mounts of Human Cheek cell and to record observations and their labelled diagrams.
JUNE	Force and Laws of motion  Matter in our surroundings  Tissues- Plant Tissues	Study of different types of inertia through daily life examples.  Prepare a model to demonstrate movement of particles in solid, liquid and gases.  Role play of various cell organelles –structure and functions.

MONTH	TOPIC	ACTIVITY
JULY	Force and Laws of motion  Is Matter around us pure  Tissues- Plant Tissues, Animal Tissues	Verification of newton's third law with the help of spring balances.  A true solution of common salt, sugar and alum.  A suspension of soil chalk powder and fine sand in water.  Identification of Parenchyma, Collenchyma, Sclerenchyma tissues in Plants from prepared slides. Draw their labelled diagrams.
AUGUST	Gravitation  Is Matter around us pure  Tissues- Animal Tissues	Determination of the density of the solid (denser than water) by using the spring balance and a measuring cylinder.  A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency, filtration criterion, stability.  Identification of Striated muscles, smooth muscles and cardiac muscles fibres and nerve cells in animals from prepared slides. Draw their labelled diagrams.
SEPTEMBER	Revision First Terminal Examination	
OCTOBER	Gravitation- Floatation  Atoms and Molecules  Improvement in food resources - Plants	Pressure exerted on the clay by a heavy book when placed along three different areas.  Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids  Preparation of mixture and compound, iron filings and sulphur powder.  A power point presentation on different Cropping Patterns – a detailed study.
NOVEMBER	Work and Energy  Atoms and Molecules  Improvement in food resources - Plants	Dropping a heavy ball on a thick bed of sand to study the work done.  Make placards with symbol and valencies.  Comparison of tradional Farming Techniques and Modern Farming techniques.

MONTH	TOPIC	ACTIVITY
DECEMBER	Work and Energy, Sound	Determination of the speed of the pulse propagated through a stretched string/slinky (helical spring).
	Structure of the atom	Reaction of iron with copper sulphate solution, burning of magnesium ribbon in air.
	Improvement in food resources – Animal Husbandry	A ppt. on Aquatic Pollution and its impact on Fisheries.
JANUARY	Sound	Verification of laws of reflection of sound.
	Structure of the atom	Zinc with dilute sulphuric acid, Sodium sulphate with barium chloride in the form of their solution in water.
	Improvement in food resources – Animal Husbandry	
FEBRUARY	Revision Annual Exam	

**BLUE PRINT OF QUESTION PAPER**

Section	Type of Question	No. of Questions (Marks)			Total Marks
		Physics	Chemistry	Biology	
A	MCQ (1 Mark)	4 x 1 = 4	5 x 1 = 5	7 x 1 = 7	16
	Assertion/ Reason (1 Mark)	1 x 1 = 1	1 x 1 = 1	2 x 1 = 2	4
B	Short answer type (2 Marks)	2 x 2 = 4	2 x 2 = 4	2 x 2 = 4	12
C	Short answer type (3 Marks)	3 x 3 = 9	2 x 3 = 6	2 x 3 = 6	21
D	Long answer type (5 Marks)	1 x 5 = 5	1 x 5 = 5	1 x 5 = 5	15
E	Source based/ case based (4 Marks)	1 x 4 = 4	1 x 4 = 4	1 x 4 = 4	12
	Total Marks	27	25	28	80

## SUBJECT- SOCIAL SCIENCE (History & Pol. Sci.)

HISTORY 20 Marks (18+2)

POLITICAL SCIENCE 20 Marks

MONTH	CHAPTER/TOPIC	ACTIVITY	Chapter wise Marks
APRIL	What is Democracy? Why Democracy What is Democracy Features of Democracy Why Democracy ? Broader meaning of Democracy. French Revolution French Society During the Late Eighteenth Century . How a Subsistence Crisis Happens.	Comparative analysis of different democratic countries. Cartoon interpretation. Group discussion on the topic, what is democracy? What are its features? Debate :Why Democracy? With emphasis on merit and demerits of Democracy Mind map on Merits and demerits of Democracy Compare and contrast the conditions prevailed in France that led to revolt with the conditions that led to revolt of 1857	5       7
MAY	FRENCH REVOLUTION Outbreak of the Revolution France become a Constitutional Monarchy France abolishes monarchy, and become a republic	Critically examine the situation that led to the raise in demand of right of voting rights by passive citizens as well as woman Concept map	
JUNE	FRENCH REVOLUTION Did woman have a revolution? The abolition of slavery The revolution and every day life Constitutional Design Democratic constitution in South Africa. Struggle against a apartheid	Find out more about anyone of the revolutionary figure. You have read about in the chapter. Write a short biography of this person..  Debate to propose solution to address such imbalance and discrimination that lead to revolution Group presentation on the impact of French revolution on the world Slogan writing	5



MONTH	CHAPTER/TOPIC	ACTIVITY	Chapter wise Marks
NOVEMBER	Nazism and the rise of Hitler decision taken? .The Nazi worldwide Youth in Nazi Germany Ordinary people and the crimes against humanity The Radical Utopia youth in Germany Stress Working of institutions How is a major policies made	role-play Quiz	5
DECEMBER	Working of institutions Need of Political Institutions . Parliament Political executive The Judiciary Forest Society and colonialism ( Inter disciplinary Project ) why deforestation, The rise of commercial forestry Rebellion in the forest Forest transformation in Java.	Distinguish between political and permanent executive authorities functions  Interdisciplinary project with chapter 5 of geography, natural registration, and wildlife  For internal assessment	
JANUARY	Democratic rights Life without rights Rights in the Indian constitution Expanding score of rights Pastoralist in the modern world (To be Assessed as a Part of periodic Assessment ) Pastoral Nomads and their Movements Colonial rule and pastoral life Pastoralism in Africa Revision		5
FEBRUARY	IIInd Term		
MARCH			



**LIST OF MAP ITEMS FOR SOCIAL SCIENCE Unit - HISTO**

Chapter-1: THE FRENCHREVOLUTION

Outline Political map of France locate / label/Identify; Bordeaux, Nantes, Paris, Marseille.

Chapter-2: SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION

Outline political map of World locate/label/identify major countries of World War:

- Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire)

## SUBJECT: GEOGRAPHY

### Term 1

Months	Geography	Activities
April	CH 1 INDIA- SIZE AND LOCATION	MAP WORK RELATED TO LOCATION AND IDENTIFICATION OF INDIAN STATES
May	CH 2 PHYSICAL FEATURES OF INDIA	TO LOCATE THE PEAKS,PASSES,RANGES ETC HIDDEN IN THE CROSSWORD PUZZLE
June	CH 2 CONTINUED	ROLE PLAY ON IMPORITANT RIVERS OF INDIA
July	CH 3 DRAINAGE	
August	CH 3 CONTINUED +REVISION	
September	HALF YEARLY EXAMINATION	

### TERM-2 October to March

October	CH 4 CLIMATE	TO COLLECT PICTURES OF TYPICAL RURAL HOUSES AND CLOTHING OF PEOPLE FROM DIFFERENT REGIONS OF INDIA
November	CH 5 NATURAL VEGETATION (ONLY MAP WORK)	
December	CH 6 POPULATION	TO CONDUCT A CLASS CENSUS BY PREPARING A QUESTIONNAIRE BASED ON STUDENTS CLASS PERFORMANCE, HEALTH ETC AND REPRESENT IT THROUGH BAR DIAGRAM
January	REVISION	
February	ANNUAL EXAMINATION	

### Geography (20 Marks)

1. Sec A MCQ	1x3=3
2. Sec B Very short answer	2x1=2
3. Sec C short answer(SA)	3x1=3
4 Sec D Case Study	4x1=4
5. Sec E Long Answers (LA)	5x1=5
6. Sec F Map Skill	3x1=3

## ECONOMICS

Chapter No	Chapter Name	No.of Periods	Marks Allocated
Economics		20 Periods	20 Marks
1	The Story Of Village Palampur	5	5
2	People as Resource	5	5
3	Poverty as a Challenge	5	5
4	Food Security in India	5	5

## ARTIFICIAL INTELLIGENCE (SUB. CODE 417)

### Term 1

Month	Topic	Activity
April	<p>Employability Skills</p> <p>Unit 1: Communication Skills-I</p> <p>Unit 2: Self-Management Skills-I</p> <p>Subject Specific Skills</p> <p>Unit 1: Introduction to Artificial Intelligence (AI)</p> <p>Introduction to Artificial Intelligence and its application in daily life.</p>	<p>Session: Introduction to AI and setting up the context of the curriculum</p> <p>Ice Breaker Activity: Dream Smart Home idea</p> <ul style="list-style-type: none"> <li>Learners to design a rough layout of floor plan of their dream smart home.</li> <li>Recommended Activity: Make a statement about lighting and LUIS will interpret and adjust the house accordingly .</li> </ul> <p>(<a href="https://aidemos.microsoft.com/luis/demo">https://aidemos.microsoft.com/luis/demo</a> )</p>
May	<p>Subject Specific Skills</p> <p>Unit 1: Introduction to Artificial Intelligence (AI)</p> <p>Three domains of AI: Data, Computer Vision and Natural Language Processing.</p>	<p>Recommended Activity: The AI Game</p> <ul style="list-style-type: none"> <li>Learners to participate in three games based on different AI domains.</li> <li>Game 1: Rock, Paper and Scissors (based on data) ( <a href="https://next.rockpaperscissors.ai/">https://next.rockpaperscissors.ai/</a> )</li> <li>Game 2: Semantris (based on Natural Language Processing - NLP) ( <a href="https://research.google.com/semantris/">https://research.google.com/semantris/</a> )</li> <li>Game 3: Quick Draw (based on Computer Vision - CV) ( <a href="https://quickdraw.withgoogle.com/">https://quickdraw.withgoogle.com/</a> )</li> </ul>

June	Subject Specific Skills Unit 4: Introduction to Python	Video Session: To watch a video <ul style="list-style-type: none"> <li>Introducing the concept of Smart Cities, Smart Schools and Smart Homes</li> </ul> <p>Introduction to Python language</p> <ul style="list-style-type: none"> <li>Introducing python programming and its applications</li> </ul>
July	Employability Skills Unit 3: ICT Skills-I Subject Specific Skills Unit 1: Introduction to Artificial Intelligence (AI) Introduction to UN Sustainable Development Goals Unit 4: Introduction to Python	Session: <ul style="list-style-type: none"> <li>Introduction to UN Sustainable Development Goals</li> </ul> <p>Theory + Practical: Python Basics</p> <p>Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators, Data Types - integer, float, strings, type conversion, using print() and input() functions)</p> <p>Students will try some simple problem-solving exercises on Python.</p>
August	Subject Specific Skills Unit 1: Introduction to Artificial Intelligence (AI) AI Ethics	Video Session: Discussing about AI Ethics Recommended Activity: Ethics Awareness <ul style="list-style-type: none"> <li>Students play the role of major stakeholders, and they have to decide what is ethical and what is not for a given scenario.</li> <li>Students to explore Moral Machine (<a href="https://www.moralmachine.net/">https://www.moralmachine.net/</a>) to understand more about the impact of ethical concerns</li> </ul>
September	Revision of Term 1 Syllabus	

**Term 2**

Month	Topic	Activity
October	Employability Skills Unit 4: Entrepreneurial Skills-I Subject Specific Skills Unit 2: AI Project Cycle	Session: Introduction to AI Project Cycle <ul style="list-style-type: none"> <li>Problem Scoping</li> </ul> <p>Fill in the 4Ws problem canvas and a problem statement to learn more about the problem identified in the community/ society</p>

Month	Topic	Activity
		<p>List down/ Draw a mind map of problems related to the selected topic and choose one problem to be the goal for the project.</p> <ul style="list-style-type: none"> <li>• Data Acquisition</li> </ul> <p>Activity: Introduction to data and its types.</p> <p>Students work around the scenarios given to them and think of ways to acquire data.</p> <p>Activity: Data Features</p> <p>Identifying the possible data features affecting the problem.</p> <p>Activity: System Maps</p> <p>Creating system maps considering data features identified.</p> <p>Data Exploration</p> <p>Session: Data Visualisation</p> <p>Need of visualising data</p> <p>Ways to visualise data using various types of graphical tools.</p>
November	Subject Specific Skills Unit 2: AI Project Cycle Employability Skills Unit 5: Green Skills-I	<p>Session: Introduction to AI Project Cycle Modelling</p> <p>Session: Modeling</p> <p>Introduction to modeling and types of models (Rule-based &amp; Learning-based)</p> <p>Session: Decision Tree</p> <p>To introduce basic structure of Decision Trees to students.</p> <ul style="list-style-type: none"> <li>• Evaluation</li> </ul>
December	Subject Specific Skills Unit 3: Neural Network Unit 4: Introduction to Python	<p>Session: Introduction to neural network</p> <ul style="list-style-type: none"> <li>• Relation between the neural network and nervous system in human body</li> <li>• Describing the function of neural network.</li> </ul> <p>Theory + Practical: Python Basics</p> <p>conditional and iterative statements (if, for and while)</p> <p>Students will try some basic problem-solving exercises using conditional and iterative statements on Python</p>

Month	Topic	Activity
January	Subject Specific Skills Unit 4: Introduction to Python	Theory + Practical: Python Basics Practical: Python Lists Students go through lessons on Python Lists (Simple operations using list) Students will try some basic problem-solving exercises using lists on Python
February	Revision of Term2 Syllabus	

**PART A-EMPLOYABILITY SKILLS (10 MARKS)**

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER-TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARK EACH	
1	Communication Skills	1	1	2
2	Self-Management Skills	2	1	3
3	ICT Skills	1	1	2
4	Entrepreneurial Skills	1	1	2
5	Green Skills	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1x4=4	2x3=6	10 MARKS

**PART B-SUBJECT SPECIFIC SKILLS (40 MARKS)**

Unit no.	Name of the unit	Objective type questions	Short answer Type questions	Descriptive/Long Ans. Type questions	Total questions
		1 Mark Each	2 Mark each	4 Mark each	
1	Introduction to AI	6	2	2	10
2	AI Project Cycle	6	1	1	8
3	Neural Network	6	2	1	9
4	Python	6	1	1	8
TOTAL QUESTIONS		24	6	5	35
NO. OF QUESTIONS TO BE ANSWERED		20	Any 4	Any 3	27
TOTAL MARKS		1x20=20	2x4=8	4x3=12	40 MARKS