



**N.K. BAGRODIA GLOBAL SCHOOL**  
**SECTOR-17, DWARKA**  
**SESSION:2024-25**  
**RATIONALISED SYLLABUS**  
**GRADE-IX**

**ENGLISH**

ASSESSMENT	MONTH	SYLLABUS	ACTIVITY/PROJECT/EXPERIMENT
PERIODIC TEST- I (JULY)	APRIL-MAY	<u>Literature Reader :</u> <ul style="list-style-type: none"> <li>• How I taught my grandmother to read</li> <li>• A Dog Named Duke</li> </ul> *The Brook (P) <u>Main course Book</u> <ul style="list-style-type: none"> <li>• People</li> <li>• Adventure</li> </ul> <u>Grammar:</u> <ul style="list-style-type: none"> <li>• Determiners</li> <li>• Tenses</li> </ul> <u>Writing:</u> <ul style="list-style-type: none"> <li>• Notice Writing</li> </ul> *Dialogue Writing <u>Reading:</u> <ul style="list-style-type: none"> <li>• Unseen Passage</li> </ul>	*Write down the Diary Entry to your friend in order to share your experience of teaching your grandparents.  Create a Newsletter of APJ Abdul Kalam(Activity)
	JULY-AUGUST	<u>Literature Reader :</u> The Road not Taken (p) The Solitary Reaper (p) Villa For Sale ( <u>Drama</u> ) <u>Main Course Book:</u> Environment The Class IX Radio and Video Show <u>Grammar:</u> Reported Speech Integrated Grammar (Cloze passage/ Gap filling/ Editing/ Omission/Sentence Reordering) <u>Writing:</u> Paragraph Writing Letter Writing ( Informal Letter) <u>Reading:</u> Unseen Passage	Present a paper on the writing style of William Wordsworth's Writing Style. Write down a meaningful conversation Between William Wordsworth and Robert Frost. Make an Advertisement to promote Class IX Radio and Video Show. (Activity)
PERIODIC TEST- II (SEPTEMBER)	SEPTEMBER	<b>Revision</b> <b>Speaking Skill</b> <b>Listening Skill</b>	
PERIODIC TEST-III (DECEMBER)	OCTOBER	Literature Reader: <ul style="list-style-type: none"> <li>•The Man who Knew Too much</li> <li>•The Seven Ages (p)</li> </ul> Main Course Book: <ul style="list-style-type: none"> <li>•Mystery</li> <li>•Children</li> </ul> Grammar : <ul style="list-style-type: none"> <li>•Conjunctions</li> <li>•Subject Verb Agreement</li> </ul> Writing: <ul style="list-style-type: none"> <li>•Diary Entry</li> <li>•Article Writing/ Paragraph Writing</li> </ul> Reading: <ul style="list-style-type: none"> <li>•Unseen Passage</li> </ul>	* Dramatisation of Seven Ages poem written by Shakespeare.
	NOVEMBER-DECEMBER	Literature Reader: <ul style="list-style-type: none"> <li>•Keep it From Harlod</li> <li>•Best Seller</li> <li>•Oh, I wish I'd Looked After my Teeth (p)</li> </ul> Main Course Book: <ul style="list-style-type: none"> <li>•Sports and Games</li> </ul> Reading: <ul style="list-style-type: none"> <li>•Unseen Passage</li> </ul> Grammar: <ul style="list-style-type: none"> <li>•Integrated Grammar (Cloze passage/            Gap filling/ Editing/ Dialogue writing/            Report dialogue)</li> </ul>	* Students will be divided in a group and asked to prepare a class magazine. (Project)

<b>ANNUAL EXAM (MARCH)</b>	<b>JANUARY</b>	Literature Reader: The Bishop's Candlesticks (Play) Song of the Rain (p) Revision Speaking Skill, Writing Skill & Grammatical Practice	
	<b>FEBRUARY</b>	REVISION & SAMPLE PAPERS	
	<b>MARCH</b>	ANNUAL EXAMS	
<b>HINDI</b>			
<b>ASSESSMENT</b>	<b>MONTH</b>	<b>SYLLABUS</b>	<b>ACTIVITY/PROJECT/EXPERIMENT</b>
<b>PERIODIC TEST- I (JULY)</b>	<b>APRIL-MAY</b>	पुस्तक का नाम स्पर्श और संचयन पाठ 2दुखकाअधिकार (स्पर्श) रैदासके पद (स्पर्श) व्याकरण अनुस्वार अनुनासिक पाठ 2 - रहीम के पद (स्पर्श) पाठ1- गिल्लू (संचयन) पाठ2 -स्मृति (संचयन) व्याकरण उपसग- प्रत्यय, शब्द पद	दोहा गायन प्रतियोगिता ,स्वयं रचित कहानी शीर्षक तथा शिक्षा सहित
<b>MIDTERM (SEPTEMBER)</b>	<b>JULY-AUGUST</b>	पाठ3 , एवरेस्ट मेरी शिखर यात्रा (स्पर्श) व्याकरण संधि , (स्वर संधि) विराम चिह्न पाठ 13 गीत अगीत(कविता) व्याकरण , अर्थ के आधार पर वाक्य भेद लेखन- अनौपचारिक पत्र, अनुच्छेद	स्वरचित कविता प्रतियोगिता
	<b>SEPTEMBER</b>	पुनरावृत्ति प्रथम सत्र	
<b>PERIODIC TEST-II (DECEMBER)</b>	<b>OCTOBER</b>	पाठ4 -कब जाओगे अतिथि पाठ 14 अग्निपथ, पाठ चंद्रशेखर वेंकट रामन लेखन कार्य -संवाद लेखन चित्र लेखन	आधुनिक युग में अतिथि के महत्व को बताते हुए नाटक प्रस्तुतीकरण
	<b>NOVEMBER-DECEMBER</b>	पाठ 3 -कल्लुकुमार की उनाकोटी पाठ4- मेरा छोटा सा निजी पुस्तकालय पाठ 8 शुक्र तारे के समान (पुस्तकस्पर्श) पाठ15 खुशबू रचते हैं हाथ (स्पर्श)	समूह दल में संवाद प्रतियोगिता
<b>ANNUAL EXAM (MARCH)</b>	<b>JANUARY</b>	पुनरावृत्ति	
	<b>FEBRUARY</b>	संमस्त पाठ्यक्रम	
	<b>MARCH</b>		
<b>MATHEMATICS</b>			
<b>ASSESSMENT</b>	<b>MONTH</b>	<b>SYLLABUS</b>	<b>ACTIVITY/PROJECT/EXPERIMENT</b>
<b>PERIODIC TEST- I (JULY)</b>	<b>APRIL-MAY</b>	Ch 10-Heron's Formula Ch 3-Co-ordinate Geometry Ch 4-Linear Equations In 2 Variables Ch 6-Lines & Angles	1.To draw a geometric representation (graph) of a linear equation in two variables. 2.To verify that if a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles, using the method of paper cutting and pasting.
<b>PERIODICTES T-II (SEPTEMBER)</b>	<b>JULY-AUGUST</b>	Ch 7-Triangles Ch 12-Statistic Ch 1-Number System	1.To construct a Square Root Spiral, that depicts the square roots of natural numbers. 2. To verify the SAS criterion for congruence of triangles, using the method of tracing geometrical figure. 3. To make a visual presentation of statistical data. 4.To illustrate that the internal bisectors of the angles of a triangle always meet at a point (called the incentre), and this point always lies inside the triangle the method of paper folding. Further, to draw the incircle of the triangle using the point so obtained.
	<b>SEPTEMBER</b>	Ch 5-Introduction To Euclid's Geometry. Ch 11-Surface Area & Volumes	1. To suggest a formula for the lateral surface area of a given right circular cone, using paper cutting, folding, pasting, etc.

PERIODIC TEST-III (DECEMBER)	OCTOBER	Ch 8-Quadrilaterals	1. To verify that the diagonals of a parallelogram bisect each other, using triangle cut-outs.
	NOVEMBER - DECEMBER	Ch:2-Polynomials Ch:9-Circles	1. To verify the algebraic identity: $(a + b + c)^2 = a^2 + b^2 + c^2 + 2ab + 2ac + 2bc$ . (Using the method of paper cutting and pasting). 2. To verify that if the angles subtended by the chords of a circle at the centre are equal, then the chords are equal, using the method of paper cutting . 3.To verify that the angle subtended by an arc of a circle at the centre is twice the angle subtended by it at any point on the remaining part of the circle, using the method of paper cutting, folding and pasting.
ANNUAL EXAM (MARCH)	JANUARY-FEBRUARY	REVISION & SAMPLE PAPERS	
	MARCH	ANNUAL EXAMS	

**SCIENCE**

ASSESSMENT	MONTH	SYLLABUS	ACTIVITY/PROJECT/EXPERIMENT
PERIODIC TEST- I (JULY)	APRIL-MAY	<p><b>BIOLOGY:</b>Chapter-5: The fundamental Unit of Life: Cell: Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms;cell membrane and cell wall, cell organelles; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.</p> <p><b>PHYSICS:</b>Chapter-8: Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line;acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, elementary idea of uniform circular motion.</p> <p><b>CHEMISTRY:</b> Matter-Nature and Behaviour:Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation</p>	<p><b>CHEMISTRY</b></p> <p>1. Preparation of: Unit-I</p> <p>a) a true solution of common salt, sugar and alum</p> <p>b) a suspension of soil, chalk powder and fine sand in water</p> <p>c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of</p> <ul style="list-style-type: none"> <li>· transparency</li> <li>· filtration criterion</li> <li>· stability</li> </ul> <p><b>BIOLOGY</b> Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells &amp; to record observations and draw their labeled diagrams.</p>
MIDTERM (SEPTEMBER)	JULY-AUGUST	<p><b>BIOLOGY:</b> Ch-6 Tissues: Structure and functions of plant tissues (meristematic and permanent tissues in plants).</p> <p><b>PHYSICS:</b> Chapter-9: Force and Newton's laws : Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Chapter-10: Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall</p> <p><b>CHEMISTRY:</b> Nature of matter: Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions. Physical and chemical changes (excluding separating the components of a mixture).</p>	<p><b>PHYSICS:</b></p> <p>1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.</p> <p><b>CHEMISTRY:</b></p> <p>2. Preparation of</p> <p>a) A mixture</p> <p>b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of:</p> <p>(i) appearance, i.e., homogeneity and heterogeneity</p> <p>(ii) behaviour towards a magnet</p> <p>(iii) behaviour towards carbon disulphide as a solvent</p> <p>(iv) effect of heat</p>

			3) Perform the following reactions and classify them as physical or chemical changes: a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water <b>BIOLOGY:</b> Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.
	<b>SEPTEMBER</b>	<b>PHYSICS:</b> Chapter-10: Floatation: Thrust and Pressure. <b>CHEMISTRY: REVISION</b>	
<b>PERIODIC TEST-II (DECEMBER)</b>	<b>OCTOBER</b>	<b>BIOLOGY:</b> Ch-6 Tissues: Structure and functions of animal tissues (four types in animals). <b>PHYSICS:</b> Chapter-10: Floatation: Continued... Archimedes' Principle; Buoyancy. <b>CHEMISTRY:</b> Particle nature and their basic units: Atoms and molecules, Law of Chemical Combination, Chemical formula of common compounds, Atomic and molecular	<b>PHYSICS:</b> 1. 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. <b>CHEMISTRY:</b> Determination of the melting point of ice and the boiling point of water.
	<b>NOVEMBER-DECEMBER</b>	<b>BIOLOGY :</b> Ch-15 Improvement in Food Resources: Plant and animal breeding and selection for quality improvement and management; Use of fertilizers and manures; Protection from pests and diseases; Organic farming <b>PHYSICS:</b> Chapter-11: Work, Energy and Power: Work done by a Force, Energy, power; Kinetic and Potential energy; Law of conservation of energy (excluding commercial unit of Energy). <b>CHEMISTRY:</b> Structure of atoms: Electrons, protons and neutrons, Valency, Atomic Number and Mass Number, Isotopes and Isobars.	<b>PHYSICS:</b> 1. Verification of the Laws of reflection of sound. <b>CHEMISTRY :</b> Verification of the law of conservation of mass in a chemical reaction.
<b>ANNUAL EXAM (MARCH)</b>	<b>JANUARY</b>	<b>PHYSICS:</b> Chapter-12: Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo. <b>CHEMISTRY: REVISION &amp; BIOLOGY: REVISION</b>	<b>PHYSICS:</b> 1. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).
	<b>FEBRUARY</b>	REVISION & ANNUAL EXAM	
	<b>MARCH</b>	ANNUAL EXAM	
<b>SOCIAL SCIENCE</b>			
<b>ASSESSMENT</b>	<b>MONTH</b>	<b>SYLLABUS</b>	<b>ACTIVITY/PROJECT/EXPERIMENT</b>
		History 1. The French Revolution	On political map of France locate major city of France
		Geo 1. India Size & Location	On political map of India mark different latitudinal and longitudinal extent, tropic of cancer and neighbouring countries of india
		Eco 1. The Story of Village Palampur	

<b>PERIODIC TEST- I (JULY)</b>	<b>APRIL-MAY</b>	Pol.Sc.1: What is Democracy? Why Democracy?	Discussion on the threats of non-democratic forms of government.
		Geo 2. Physical Features of India	Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats Mountain Peaks – K2, Kanchan Junga, Anai Mudi Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau Coastal Plains - Konkan, Malabar, Coromandal & Northern Circar (Location and Labelling)
<b>PERIODICTES T-II (SEPTEMBER)</b>	<b>JULY-AUGUST</b>	Pol.Sc.2: Constitutional Design	How did your school celebrate the Constitution Day on November 26th? Prepare a brief report
		Eco 2. People as Resource	
		History II. Socialism in Europe and the Russian Revolution	Outline Political Map of World (For locating and labeling / Identification) Major countries of First World War (Central Powers and Allied Powers) Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire) Allied Powers - France, England, Russia, U.S.A.
		Geo 3. Drainage	Rivers: (Identification only) The Himalayan River Systems-The Indus, The Ganges, and The Satluj The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi Lakes: Wular, Pulicat, Sambhar, Chilika
		Pol sc. 3. Electoral Politics	worksheet
	<b>SEPTEMBER</b>	History III : Nazism and the Rise of Hitler	Outline Political Map of World (For locating and labeling / Identification) Major countries of Second World War Axis Powers – Germany, Italy, Japan Allied Powers – UK, France, Former USSR, USA Territories under German expansion (Nazi Power) Austria, Poland, Czechoslovakia (only Slovakia shown in the map)
<b>PERIODIC TEST-III (DECEMBER)</b>	<b>OCTOBER</b>	Geo 4:Climate	Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)
		Eco 3: Poverty as a Challenge	
		Pol sc. 4. Working of Institutions:	Opening Discussion on different institution Impact of colonial govt on forest
	<b>NOVEMBER - DECEMBER</b>	History V. Pastoralists in the Modern World:	Identify different nomadic in different region
		Geo 5. Natural Vegetation and Wild Life (Not for Evaluation) (Only MAP)	National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas Bird Sanctuaries: Bharatpur and Ranganthitto Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)
		Geo 6. Population:	The state having highest and lowest density of population
	Pol sc. 5. Democratic Rights:	Article about different rights	
<b>ANNUAL EXAM (MARCH)</b>	<b>JANUARY</b>	History V. Pastoralists in the Modern World(Continue)	
		Eco 4. Food Security in India:	
	<b>FEBRUARY</b>	REVISION & ANNUAL EXAM	
	<b>MARCH</b>	ANNUAL EXAM	
<b>SANSKRIT</b>			

ASSESSMENT	MONTH	SYLLABUS	ACTIVITY/PROJECT/EXPERIMENT
PERIODIC TEST- I (JULY)	APRIL-MAY	पाठ 1 प्रथमः पाठः - अविवेकः परमापदां पदम्, अजन्तशब्दानां त्रिषु लिङ्गेषु प्रयोगः अभ्यासश्च, विभक्तिप्रयोगः, पुरुषप्रयोगः अपठितगद्यांशः, स्वर सन्धिः दीर्घः, गुणः, वृद्धिः, यण, अयादि । रिक्तस्थाने सम्वादपूर्तिः । धातुरूपाणि परस्मैपदिनः > भू, नम्, गम्, अस्, प्रच्छ, कृ, ज्ञा, क्षाल्, नी (पञ्चलकारेषु) पाठः - 2 पार्थेयम्, प्रत्ययाः ( तुमुन्, क्त्वा, ल्यप्), रिक्तस्थाने सम्वादपूर्तिः । पत्र लेखनम्, चित्राधारितं कार्यम्, स्वर सन्धिः यण् - अयादि । → सेव्, लभ्, रुच्- (लट्-लृटलकारयोः)	1 श्लोकोच्चारणम्   2. कथा कथनम्
PERIODICTES T-II (SEPTEMBER)	JULY-AUGUST	पाठ 3. विजयतां स्वदेशः, 4. विद्यया भान्ति सदगुणाः, पाठः - 5 कर्मणा याति संसिद्धिम्, । सन्धिः वर्गीयप्रथमाक्षराणां तृतीय वर्णे तथा म् स्थाने अनुस्वार परिवर्तनम्, अस्मद्, युष्मद्, तत्, किम् (त्रिषु लिङ्गेषु) । विसर्गसन्धिः > उत्त्वम्, शत्वम्, षत्वम्, सत्वम् पाठ 6 तत् त्वम् असि, सन्धि - विसर्गस्य उत्त्व-, उपविभक्तीनां परिचयः, दवि. निकषा, परितः, प्रति, विना, तृतीया सह, साकम् आदि, चतुर्थी -नमः, रूच्, दा यच्छ, कुप् ।	1. चित्रवर्णनम्, 2. संधि उपपद विभक्ति चार्ट, 3. अभिनयम् 4. संवादः
	SEPTEMBER	PA-2 पाठित पाठ व व्याकरण पुनरावृत्तिः, पञ्चमी - विना, बहिः, भी, रक्ष, षष्ठी - अधः, उपरि, पुरतः, पृष्ठतः, सप्तमी - स्निह्, निपुणः, विश्वस् । पाठ 7 तरवे नमोऽस्तु, पाठ 8 - न धर्मवृद्धेषु वयः समीक्ष्यते ।	कार्यपत्र पुनरावृत्ति, अर्द्धवार्षिक परीक्षा पुनरावृत्ति, संवाद, पत्रपूर्तिः । 1. अभिनयम्, 2. श्लोकगायनम्
PERIODIC TEST-III (DECEMBER)	OCTOBER	पाठः 9 - कवयामि वयामि यामि, पाठः -10 भारतीयं विज्ञानम् प्रत्ययः - क्तवतु, सङ्ख्या - 1 से 100 (1 से 4 प्रथमा विभक्तिप्रयोगः) रचनात्मक कार्यम् पत्र लेखनम्, चित्राधारितं कार्यम्, नदी, साधु शब्दरूपाणि	1. अभिनयम्, 2. नाट्यांश वाचनम्
	NOVEMBER-DECEMBER	पाठः - 11 भारतेनास्ति मे जीवनं जीवनम्, उपविभक्तीनां परिचयः, रचनात्मक कार्यम्, पत्र लेखनम्, चित्राधारितं कार्यम्, अपठित गद्यांशः । - PA-3, रचनात्मक, रिक्तस्थाने सम्वादपूर्तिः, पत्र लेखनम्, चित्राधारितं कार्यम्, पाठित विषयाणां पुनरावृत्ति, मौखिकम्, लिखितम्, PDF आदि प्रकारेण ।	1. सूक्तिपत्र निर्माणम्, 2. गीतगायनम्
ANNUAL EXAM (MARCH)	JANUARY	धातुरूपाणि परस्मैपदिनः > भू, नम्, गम्, अस्, प्रच्छ, कृ, ज्ञा, क्षाल्, नी (पञ्चलकारेषु) पाठः - 2 पार्थेयम्, प्रत्ययाः ( तुमुन्, क्त्वा, ल्यप्), रिक्तस्थाने सम्वादपूर्तिः । पत्र लेखनम्, चित्राधारितं कार्यम्, स्वर सन्धिः यण् - अयादि । → सेव्, लभ्, रुच्- (लट्-लृटलकारयोः)Pre-board exam	कार्यपत्र पुनरावृत्ति, वार्षिक परीक्षा पुनरावृत्ति, संवाद, पत्रपूर्तिः ।
	FEBRUARY	सम्पूर्ण पाठ्यक्रमस्य आधारितं पुनरावृत्तिः,	तार्किक क्षमता, लेखनकौशल,
	MARCH	(वार्षिकी - परीक्षा) प्रश्नपत्राधारितं पाठ्यक्रमचर्चाः एवम् पाठित-विषयाणाम् पुनरावृत्ति ।	तार्किक क्षमता, लेखनकौशल,
<b>FRENCH</b>			
ASSESSMENT	MONTH	SYLLABUS	ACTIVITY/PROJECT/EXPERIMENT
PERIODIC TEST- I (JULY)	APRIL-MAY	L. 1 – La famille L. 2 – Au lycée	Préparez l'arbre de la famille
PERIODICTES T-II (SEPTEMBER)	JULY-AUGUST	L. 3 – Une journée de Pauline	préparez une présentation sur saisons
	SEPTEMBER	L. 4 – Les saisons L. 5 – Les voyages	
PERIODIC TEST-III	OCTOBER	L. 6 - Les loisirs et les sports L. 7 – L'argent de poche. L. 8 – Faire des achats	

(DECEMBER)	NOVEMBER-DECEMBER	Révision	
ANNUAL EXAM (MARCH)	JANUARY	Révision	
	FEBRUARY	Révision	
	MARCH	ANNUAL EXAM	
<b>IT</b>			
<b>ASSESSMENT</b>	<b>MONTH</b>	<b>SYLLABUS</b>	<b>ACTIVITY/PROJECT/EXPERIMENT</b>
PERIODIC TEST- I (JULY)	APRIL-MAY	Unit 1 : Communication Skills-I Unit 1: Introduction to IT- ITeS industry	- Identify and list the various IT enabled services, Observe the application of IT in various areas.
PERIODICTES T-II (SEPTEMBER)	JULY-AUGUST	Unit 2 : Self-Management Skills-I Unit 2: Data Entry & Keyboarding Skills	<ul style="list-style-type: none"> <li>• Identify the keys and its use on the keyboard,</li> <li>• Demonstrate to use various keys on the keyboard,</li> <li>• Demonstrate to type the text, numbers, special character using appropriate keys on the keyboard,</li> <li>• Practice the correct typing ergonomics,</li> <li>• Practice to place fingers on correct key in four different row of keyboard,</li> <li>• Practice various mouse</li> </ul>
	SEPTEMBER	Unit 3 : ICT Skills-I Unit 3: Digital Documentation	<ul style="list-style-type: none"> <li>• List the available word processing applications.</li> <li>• Introduce with the parts of the main window.</li> <li>• Change document views.</li> <li>• Jump to the given page number in a document,</li> <li>• Insert non-printing characters in a document,</li> <li>• Apply Spelling and grammar option of document.</li> <li>• Demonstrate to use Synonyms and Thesaurus.</li> <li>• Insert page break, Create header/footer and page numbers</li> <li>• Define borders and backgrounds</li> <li>• Insert images, shapes, special characters in a document</li> <li>• Divide page into columns,</li> <li>• Format the shape or image.</li> <li>• Create a main document,</li> <li>• Create the data source,</li> <li>• Enter data in the fields,</li> <li>• Merge the data source with main document,</li> <li>• Edit individual document.</li> </ul>
PERIODIC TEST-III	OCTOBER	Unit 4 : Entrepreneurial Skills-I Unit 4:Electronic Spreadsheet	<ul style="list-style-type: none"> <li>• Demonstrate to create number series using fill handle,</li> <li>• Copy formula by dragging the formula using fill handle.</li> <li>• Demonstrate to use Relative referencing in spreadsheet,</li> <li>• Demonstrate to use Mixed referencing in spreadsheet,</li> <li>• Demonstrate to use Absolute referencing in spreadsheet.</li> <li>• Create different types of charts supported by a spreadsheet,</li> <li>• Illustrate the example of chart</li> </ul>

<b>PERIODIC (DECEMBER)</b>	<b>NOVEMBER- DECEMBER</b>	Unit 5 : Green Skills-I Unit 5: Digital Presentation	<ul style="list-style-type: none"> <li>• Demonstrate to insert a new slide and duplicate slide in a presentation,</li> <li>• Change the slide layout,</li> <li>• Demonstrate to copy and move slides in the presentation,</li> <li>• Demonstrate to copy, move and delete contents of the slide,</li> <li>• Demonstrate to view a presentation in different views.</li> <li>• Create the slide masters,</li> <li>• Apply the slide masters to the presentation,</li> </ul>
<b>ANNUAL EXAM (MARCH)</b>	<b>JANUARY</b>	REVISION	
	<b>FEBRUARY</b>	REVISION & ANNUAL EXAM	
	<b>MARCH</b>	ANNUAL EXAM	
<b>AI</b>			
<b>ASSESSMENT</b>	<b>MONTH</b>	<b>SYLLABUS</b>	<b>ACTIVITY/PROJECT/EXPERIMENT</b>
<b>PERIODIC TEST- I (JULY)</b>	<b>APRIL-MAY</b>	UNIT 4: INTRODUCTION TO PYTHON Unit 1 : Communication Skills-I	<ul style="list-style-type: none"> <li>•Introduction to Python language</li> <li>•Introducing python programming and its applications</li> <li>•Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Data Types - integer, float, strings, using print() and input() functions)</li> <li>•Students will try some simple problem-solving exercises on Python Compiler.</li> <li>Practical: Flow of control and conditions</li> <li>•Students go through lessons on conditional and iterative statements (if, for and while)</li> <li>•Students will try some basic problem-solving exercises using conditional and iterative statements on Python Compiler.</li> </ul>
<b>PERIODICTES T-II (SEPTEMBER)</b>	<b>JULY-AUGUST</b>	Introduction to AI Unit 5 : Green Skills-I	<ul style="list-style-type: none"> <li>To identify and appreciate Artificial Intelligence and describe its applications in daily life.</li> <li>To relate, apply and reflect on the Human-Machine Interactions.</li> <li>To identify and interact with the three domains of AI: Data, Computer Vision and Natural Language Processing</li> <li>To let the students analyse the advantages and</li> </ul>
	<b>SEPTEMBER</b>	Self Management Skills-I ICT Skills-I	<ol style="list-style-type: none"> <li>1. Meaning of self- management.</li> <li>2. Positive results of selfmanagement.</li> <li>3. Self-management skills</li> </ol> <ol style="list-style-type: none"> <li>1. Introduction to ICT</li> <li>2. Role and importance of ICT in personal life and at Workplace</li> <li>3. ICT in our daily life (examples)</li> <li>4. ICT tools – Mobile, tab, radio, TV, email, etc</li> <li>5. Basic components of computer system.</li> <li>6. Hardware and software.</li> <li>7. Primary and secondary memory.</li> <li>8. Input, Output and Storage</li> </ol>



<b>PERIODIC TEST-III (DECEMBER)</b>	<b>OCTOBER</b>	AI Project Cycle Neural Network	Identify the AI Project Cycle framework. Understand the iterative nature of problem scoping for in the AI project cycle. Foresee the kind of data required and the kind of analysis to be done. To understand the purpose of Data Visualisation Understand and visualise computer's ability to identify alphabets and handwritings. Understand and appreciate the concept of Neural Network through gamification.
	<b>NOVEMBER-DECEMBER</b>	Entrepreneurial Skills	Identify various types of business activities Demonstrate the knowledge of distinguishing characteristics of entrepreneurship
<b>ANNUAL EXAM (MARCH)</b>	<b>JANUARY</b>	REVISION	
	<b>FEBRUARY</b>	REVISION & ANNUAL EXAM	
	<b>MARCH</b>	ANNUAL EXAM	