

D.A.V. INSTITUTIONS, WEST BENGAL ZONE

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: AI

CLASS: IX

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<u>EMPLOYABILITY SKILLS I:</u> <ul style="list-style-type: none">• Communication Skills I <u>SUBJECTIVE SKILLS: -</u> <ul style="list-style-type: none">• INTRODUCTION TO AI	INTRODUCTION TO PYTHON : Introducing python programming and its applications
MAY	12	<u>SUBJECTIVE SKILLS: -</u> INTRODUCTION TO AI (continue)	Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Data Types - integer, float, strings, using print() and input() functions)
JUNE	15	<u>EMPLOYABILITY SKILLS:</u> Self-Management Skills I: <u>SUBJECTIVE SKILLS: -</u> INTRODUCTION TO AI (continue)	Students will try some simple problem-solving exercises on Python Compiler.
JULY	25	<u>EMPLOYABILITY SKILLS:</u> Information and Communication Technology Skills I <u>SUBJECTIVE SKILLS:</u> AI PROJECT CYCLE	Students will try some basic problem-solving exercises using conditional
AUGUST	25	<u>SUBJECTIVE SKILLS:</u> AI PROJECT CYCLE (continue)	Students will try some basic problem-solving exercises using conditional (continue)
SEPTEMBER	25	<u>SUBJECTIVE SKILLS:</u> AI PROJECT CYCLE (continue)	Students will try some basic problem-solving exercises using conditional (continue)
HALF YEARLY EXAMS (III-XII): (Third week of September)		<u>EMPLOYABILITY SKILLS:</u> <ul style="list-style-type: none">• Communication Skills-I• Self-Management Skills-I• ICT Skills-I <u>SUBJETIVE SKILLS: -</u> <ul style="list-style-type: none">• Introduction to Artificial Intelligence (AI)• AI Project Cycle	
OCTOBER	16	<u>EMPLOYABILITY SKILLS:</u> <ul style="list-style-type: none">• Entrepreneurship Skills I	Students will try some basic problem-solving exercises using conditional and iterative statements on Python Compiler.
NOVEMBER	22	<u>SUBJETIVE SKILLS: -</u> <ul style="list-style-type: none">• Neural Network	Students will try some basic problem-solving exercises using conditional and iterative

			statements on Python Compiler. (continue)
DECEMBER	19	<u>SUBJETIVE SKILLS: -</u> <ul style="list-style-type: none"> Neural Network (continue) <u>EMPLOYABILITY SKILLS:</u> <ul style="list-style-type: none"> Green Skills I: 	Students will try some basic problem-solving exercises using conditional and iterative statements on Python Compiler. (continue)
MOCK TEST - IX ** First week of January		FULL SYALLABUS	
JANUARY	26	REVISION	Practical File Preparation
FEBRUARY	24	REVISION	
ANNUAL EXAMINATION – III TO IX & XI :(Third week of February)		FULL SYALLABUS	

D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: BENGALI

CLASS: IX

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	১. স্বরসন্ধি ২. ছুটি (গদ্য) ৩. আম আর্টির ভেঁপু - ১,২ অধ্যায় ৪. প্রতিবেদন রচনা	
MAY	12	১. স্বরসন্ধি ২. খেয়া (পদ্য) ৩. বোধপরীক্ষণ	আবৃত্তি (রবীন্দ্র জয়ন্তী উপলক্ষে রবীন্দ্রনাথ ঠাকুরের কবিতা)
JUNE	15	১. আম আর্টির ভেঁপু - ৩,৪ অধ্যায় ২. চিঠি (গদ্য) ৩. প্রতিবেদন রচনা	
PORTION FOR FIRST PERIODIC TEST (PT I-III -XII): **PT I (First week of July)		১. ছুটি (গদ্য) ২. খেয়া (পদ্য) ৩. আম আর্টির ভেঁপু - ১,২,৩,৪ অধ্যায় ৪. স্বরসন্ধি ৫. প্রতিবেদন রচনা ৬. বোধপরীক্ষণ	
JULY	25	১. চিঠি (গদ্য) ২. আম আর্টির ভেঁপু - ৫,৬ ৩. বিজ্ঞপ্তি রচনা ৪. সমাস (দ্বিগু, তৎপুরুষ) ৫. বোধপরীক্ষণ	নাটক (ছুটি গল্প অবলম্বনে)
SEA (IX-X) Term I ** (First week of August.)		তাৎক্ষণিক বক্তৃতা	
AUGUST	25	১. ব্যথার বাঁশি (পদ্য) ২. আম আর্টির ভেঁপু - ৭,৮ অধ্যায় ৩. বিজ্ঞপ্তি রচনা ও প্রতিবেদন রচনা ৪. সমাস (তৎপুরুষ, বহুব্রীহি) ৫. বোধপরীক্ষণ	তাৎক্ষণিক বক্তৃতা
PORTION FOR HALF YEARLY EXAMS (III-XII): **HY (Third week of September)		১. ছুটি (গদ্য) , চিঠি (গদ্য) ২. খেয়া (পদ্য) , ব্যথার বাঁশি (পদ্য) ৩. আম আর্টির ভেঁপু - ১ থেকে ১০ অধ্যায়। ৪. স্বরসন্ধি (যুক্ত ও বিযুক্ত) , সমাস ৫. বিজ্ঞপ্তি রচনা ও প্রতিবেদন রচনা ৬. বোধপরীক্ষণ	

SEPTEMBER	25	পুনরাবৃত্তি ১. আম আর্টের ভেঁপু - ৯,১০ অধ্যায়	
OCTOBER	16	১. ইলিয়াস (গদ্য) ২. আম আর্টের ভেঁপু - ১১,১২ অধ্যায় ৩. বাক্য পরিবর্তন (নির্দেশক,প্রশ্নসূচক) ৪. প্রতিবেদন রচনা	
NOVEMBER	22	১. জন্মভূমি আজ (পদ্য) ২. আম আর্টের ভেঁপু - ১৩,১৪ ৩. বাক্য পরিবর্তন (বিস্ময়বোধক,অনুজ্ঞাসূচক, প্রার্থনাসূচক) ৪. বিজ্ঞপ্তি রচনা	সমকালীন ঘটনা সম্পর্কে ভাষণ
PORTION FOR THIRD PERIODIC TEST(PT-III; III-IX, XI) **Last week of November/First week of December		১. ইলিয়াস (গদ্য) ২. জন্মভূমি আজ (পদ্য) ৩. আম আর্টের ভেঁপু - ১১ থেকে ১৪ ৪. বাক্য পরিবর্তন (নির্দেশক,প্রশ্নসূচক,বিস্ময়বোধক,অনুজ্ঞাসূচক,প্রার্থনাসূচক) ৫. বিজ্ঞপ্তি রচনা ৬. বোধপরীক্ষণ	
DECEMBER	19	১. এই জীবন (পদ্য) ২. আম আর্টের ভেঁপু - ১৫,১৬ অধ্যায় ৩. শব্দগত ও বাক্যগত অশুদ্ধি সংশোধন ৪. দাম (গদ্য)	বিতর্ক
MOCK TEST -VIII, IX & XI ** LAST WEEK OF JANUARY-MOCK TEST		১. ছুটি, চিঠি, ইলিয়াস, দাম (গদ্য) ২. খেয়া, ব্যথার বাঁশি, জন্মভূমি আজ, এই জীবন (পদ্য) ৩. আম আর্টের ভেঁপু - ১ থেকে ১৯ অধ্যায় ৪. স্বরসন্ধি (যুক্ত ও বিযুক্ত), সমাস(দ্বিগু,তৎপুরুষ,বহুব্রীহি) বাক্য পরিবর্তন (নির্দেশক,প্রশ্নসূচক,বিস্ময়বোধক,অনুজ্ঞাসূচক,প্রার্থনাসূচক), শব্দগত ও বাক্যগত অশুদ্ধি সংশোধন ৫. বিজ্ঞপ্তি রচনা ও প্রতিবেদন রচনা ৬. বোধপরীক্ষণ	
JANUARY	26	১. আম আর্টের ভেঁপু - ১৭,১৮,১৯ ২. দাম (গদ্য) ৩. শব্দগত ও বাক্যগত অশুদ্ধি সংশোধন ৪. পুনরাবৃত্তি	
FEBRUARY	24	পুনরাবৃত্তি	
ANNUAL EXAMINATION – III TO IX & XI :(Third week of			

February)	
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NOTE: *Classes III- VIII, Internal Assessments and SEA need to be framed as per the guidelines of DAVCAE, DAVCMC.*

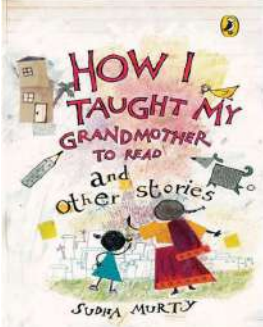
For classes IX and X, apart from SEA, the activities for multiple assessment need to be incorporated month wise.

For classes XI and XII, month wise split up of practical also need to be incorporated.

D.A.V. INSTITUTIONS, WEST BENGAL ZONE.
SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: English Communicative 101

CLASS: IX

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Notice Writing <i>(For school assembly/ Resident Welfare Association/ School Events/ Classroom information etc.)</i></p> <p>Literature: How I Taught My Grandmother to Read (Fiction) The Brook (Poem)</p> <p>Grammar: Tenses</p> <p>Work Book: Unit 1- Verb Forms</p> <p>Main Course Book: Unit 1- People</p>	 <p>Taking reference from the original cover page of the book written by Sudha Murthy 'How I Taught My Grandmother To Read'. Design a book cover of your own for the story</p> <p><i>[The work has to be done in A4 size paper]</i></p>
MAY	12	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Dialogue Writing</p> <p>Literature Reader: A Dog Named Duke (Fiction) The Road Not Taken (Poem)</p> <p>Grammar: Determiners</p> <p>Work Book: Unit 2- Determiners</p> <p>Main Course Book: Unit 1- People (to be contd.)</p>	<p align="center">JUST A MINUTE (Speaking Skill) (Group Activity)</p> <p>Given below are 5 qualities that Charles Hopper and Duke displayed in the story Courage, Determination, Compassion, Care, Perseverance</p> <p>Get into groups of 4 - 6 students. Each group will choose any one quality and speak for a minute on it expressing their opinion based on their understanding of the story</p>

<p>JUNE</p>	<p>15</p>	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Practice Assignments - Notice Writing (<i>For school assembly/ Resident Welfare Association/School Events/ Classroom information, etc.</i>) & Dialogue Writing</p> <p>Literature Reader: The Road Not Taken (Poem) (<i>to be contd.</i>)</p> <p>Grammar: Subject-Verb Concord Work Book: Unit 3- Future Time Reference</p> <p>Main Course Book: Unit 2- Adventure</p>	<p>Quiz on Literary Devices</p>
<p>PORTION FOR FIRST PERIODIC TEST (PT I-III -XII): **PT I (First week of July)</p>		<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Notice Writing (<i>For school assembly/ Resident Welfare Association/ School Events/ Classroom information etc.</i>), Dialogue Writing</p> <p>Grammar: Integrated Grammar (Tenses, Verb Forms, Determiners, Future Time Reference, Subject-verb Concord)</p> <p>Literature: FICTION- How I Taught My Grandmother to Read, A Dog Named Duke POEM- The Brook, The Road Not Taken</p>	
<p>JULY</p>	<p>25</p>	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Paragraph Writing <i>(Based on verbal or visual cues from Main Course Book)</i> Informal Letter</p> <p>Literature Reader: The Man Who Knew Too Much (Fiction) The Solitary Reaper (Poem)</p> <p>Grammar: Articles, Modals, Sentences Reordering or Sentence Transformation (Practice)</p> <p>Work Book: Unit 4 – Modals</p> <p>Main Course Book: Unit 3 – Environment</p>	<p>Declamation on the topic “Confidence is silent Insecurities are loud”</p>

SEA (IX-X) Term I
**** (First week of August)**

Robert Frost states “*Poetry begins in trivial metaphors, pretty metaphors, 'grace' metaphors, and goes on to the profoundest thinking that we have. Poetry provides the one permissible way of saying one thing and meaning another.*”
 Try your hand at creating an extended metaphor. Write a paragraph in which you explain your metaphor.

Use the chart below to help you come up with an original metaphor for life. Jot down your ideas about why you think your metaphor is accurate in the “**because**” column. The more ideas you have in the last column, the easier your paragraph will be to write. An example and ideas have been given to you.

<i>Event...</i>	<i>Is ...</i>	<i>Because ...</i>
School	Party	Lots of excitement Fun to be with friends —presents from teachers (Homework!)
Friends		
Family		
Career		
Life		

Beware the cliché!
 When writing metaphors, it may be tempting to use a cliché. Cliches are overused expressions, which have lost their meaning over time. Some common clichés include: **as clear as mud, as slow as molasses, stop and smell the roses, every cloud has a silver lining.** The list goes on and on.

FORMAT OF WRITING THE PARAGRAPH

- 1: Topic sentence (your metaphor)
- 2: First big idea (an idea from your —because column)
- 3: Explain, give an example, or provide details about your first big idea
- 4: Second big idea
- 5: Explain, give an example, or provide details about your second big idea
- 6: Third big idea
- 7: Explain, give an example, or provide details about your third big idea
- 8: Closing sentence

The task to be done in A4 size paper [for making the table and writing the paragraph]
 {**Students must use their creativity for the presentation of the task*}

<p>AUGUST</p>	<p>25</p>	<p>Reading: Unseen Comprehension Passage Writing: Practice Assignments</p> <p>Literature Reader: Villa for Sale (Drama) Grammar: Conjunctions, Clauses i. Noun Clauses ii. Adverb Clauses iii. Relative Clauses</p> <p>Sentences Reordering or Sentence Transformation (Practice) Work Book: Unit 5 – Connectors Unit 6 – The Passive Main Course Book: Unit 4 –The Class IX Radio and Video Show</p>	<p>Role Play on Villa for Sale</p>
<p>PORITION FOR MID TERM / HALF YEARLY EXAMS (III-XII)</p> <p>(Third week of September)</p>		<p>Reading: Unseen Comprehension Passage Writing: Notice Writing (<i>For school assembly/ Resident Welfare Association/ School Events/ Classroom information etc.</i>), Dialogue Writing, Paragraph Writing (<i>Based on verbal or visual cues from Main Course Book</i>), Informal Letter.</p> <p>Grammar: Integrated Grammar (<i>Tenses, Verb Forms, Determiners, Future Time Reference, Modals, Articles, Subject-verb concord, Connectors, Conjunctions, The Passive, Sentences Reordering or Sentence Transformation, Clauses- Noun Clauses, Adverb Clauses, Relative Clauses</i>).</p> <p>Literature: FICTION</p> <ol style="list-style-type: none"> 1. How I Taught My Grandmother To Read 2. A Dog Named Duke 3. The Man Who Knew Too Much <p>POEM</p> <ol style="list-style-type: none"> 1. The Brook 2. The Road Not Taken 3. The Solitary Reaper <p>DRAMA: Villa for Sale</p>	

<p>SEPTEMBER</p>	<p>25</p>	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: (Practice Assignments)</p> <p>Literature Reader: (Practice Assignments) & The Seven Ages (Poem)</p> <p>Grammar: Reporting</p> <ol style="list-style-type: none"> i. Commands and Requests ii. Statements iii. Questions <p>Prepositions</p> <p>Work Book: Unit 7: Reported Speech</p> <p>Main Course Book: Unit 5 – Mystery</p>	
<p>OCTOBER</p>	<p>16</p>	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Practice Assignments</p> <p>Literature Reader: Keeping It from Harold (Fiction)</p> <p>Grammar: Practice Assignments</p> <p>Work Book: Unit 8: Prepositions</p> <p>Main Course Book: Unit 6 – Children</p>	<p>Be a Radio Jockey (Group Activity)</p> <p><i>Students can write and produce their own Radio programmes. The programme must be in English.</i></p> <p>Topics for the Radio show: <i>(Students may pick any one for the presentation)</i></p> <ul style="list-style-type: none"> • Interviews • News Stories • Advertisements • Sports • Special reports • Speeches
<p>NOVEMBER</p>	<p>22</p>	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Practice Assignments</p> <p>Literature Reader: Best Seller (Fiction) Oh, I Wish I'd Looked After Me Teeth (Poem)</p> <p>Grammar: Practice Assignments</p> <p>Work Book: Practice Assignments</p> <p>Main Course Book: Unit 7 – Sports and Games</p>	

<p>PORTION FOR SECOND PERIODIC TEST (PT-II; III-IX, XI)</p> <p>**Last week of November/First week of December</p>		<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Notice Writing (<i>For school assembly/ Resident Welfare Association/ School Events/ Classroom information etc.</i>), Dialogue Writing, Informal Letter, Paragraph Writing (<i>Based on verbal or visual cues from Main Course Book</i>)</p> <p>Grammar: Integrated Grammar (<i>Tenses, Verb Forms, Subject-verb Concord, Connectors, Conjunctions, The Passive, Reported Speech- Commands and requests, Statements, Questions, Prepositions, Sentences Reordering or Sentence Transformation</i>).</p> <p>Literature: FICTION- Keeping It from Harold</p> <p>POEM</p> <ol style="list-style-type: none"> 1. The Seven Ages 2. Oh, I Wish I'd Looked After Me Teeth 	
<p>DECEMBER</p>	<p>19</p>	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Practice Assignments</p> <p>Literature Reader: The Bishop's Candlesticks (Drama) Song of The Rain (Poem)</p> <p>Grammar: Practice Assignments Work Book: Practice Assignments</p> <p>Main Course Book: Practice Assignments</p>	
<p>INTERNAL ASSESSMENT Term II</p> <p>** LAST WEEK OF JANUARY-MOCK TEST</p>		<p>LISTENING AND SPEAKING SKILLS</p> <p>FULL SYLLABUS</p>	

JANUARY	26	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Practice Assignments</p> <p>Literature Reader: Practice Assignments</p> <p>Work Book: Practice Assignments</p> <p>Main Course Book: Practice Assignments</p>	
FEBRUARY	24	<p>Reading: Unseen Comprehension Passage</p> <p>Writing: Practice Assignments</p> <p>Literature Reader: Practice Assignments</p> <p>Work Book: Practice Assignments</p> <p>Main Course Book: Practice Assignments</p>	
<p>PORTION FOR ANNUAL EXAMINATION – III TO IX & XI: (Third week of February)</p>		<p>FULL SYLLABUS</p>	

D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: HINDI

CLASS: IX

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment / Practical
APRIL	22	<u>क्षितिज</u> : 1. दो बैलों की कथा <u>व्याकरण</u> : 1. (क) उपसर्ग-प्रत्यय <u>लेखन</u> : 1. अनुच्छेद 2. पत्र - औपचारिक / अनौपचारिक	1. कृषि-कृषक-पशु संरक्षण पर 100 शब्दों में संवाद लिखिए।
MAY	12	<u>क्षितिज</u> : 2. लहासा की ओर 7. साखियाँ एवं सबद 8. वाख <u>व्याकरण</u> : 1. (ख) समास	1. आपने जिस स्थान का भ्रमण किया है, और जिस स्थान पर रहते हैं, उन दोनों स्थानों के मध्य अंतर/विशेषता पर 120 शब्दों में अनुच्छेद लिखिए। 2. पाठ्य पुस्तक में संकलित साखियों और पदों के आधार पर कबीर के धार्मिक और सांप्रदायिक सद्भाव संबंधी विचारों पर 120 शब्दों में प्रकाश डालिए। 3. हमारे समाज में मनुष्यों के बीच परस्पर व्याप्त भेदभाव के कारण देश और समाज को क्या हानि हो रही है, एवं उसे मिटाने के लिए आप क्या सुझाव दे सकते हैं? उसे 120 शब्दों में लिखिए।
JUNE	15	<u>क्षितिज</u> : 3. उपभोक्तावाद की संस्कृति 9. सवैये 10. कैदी और कोकिला <u>व्याकरण</u> : 3. अलंकार (अनुप्रास, यमक, उपमा, रूपक)	1. भारतवर्ष को सांस्कृतिक उपनिवेश बनने से रोकने हेतु अपना विचार प्रस्तुत करते हुए 100 शब्दों में संपादक को पत्र लिखिए। 2. पाठ्य पुस्तक के अतिरिक्त रसखान द्वारा रचित सवैये के दो पद लिखिए। 3. 'आज़ाद देश कैसा होगा'- विषय पर पराधीनता के दौरान दो

			क्रांतिकारियों के बीच में हुए संवाद को 100 शब्दों में लिखिए।
PORTION FOR FIRST PERIODIC TEST (PT I-III -XII): **PT I (First week of July)		व्याकरण : 1. (क) उपसर्ग-प्रत्यय, 1. (ख) समास, 3. अलंकार (अनुप्रास, यमक, उपमा, रूपक) <u>क्षितिज</u> : 1. दो बैलों की कथा, 2. ल्हासा की ओर, 7. साखियाँ एवं सबद, 9. वाख, 10. सवैये <u>लेखन</u> : 1. अनुच्छेद, 2. पत्र - औपचारिक + अनौपचारिक	
JULY	25	<u>क्षितिज</u> : 4. साँवले सपनों की याद <u>कृतिका</u> : 1. इस जल प्रलय में <u>व्याकरण</u> : 2. अर्थ के आधार पर वाक्य भेद <u>लेखन</u> : 3. लघुकथा + ई-मेल 4. संवाद + सूचना	1. किसी प्राकृतिक स्थल की यात्रा से संबंधित दिनचर्या (डायरी-लेखन) 120 शब्दों में लिखिए। 2. 'प्राकृतिक आपदा भी हमें बहुत कुछ सीखाती हैं' विषय पर अपने मित्र को 100 शब्दों में पत्र लिखिए।
Internal Assessment (III-VIII) SEA (IX-X) Term I ** (First week of August.)		श्रवण-कौशल के अंतर्गत अपनी मातृभाषा में समसामयिक विषयों पर आधारित कविता-वाचन एवं वाचन-कौशल के अंतर्गत पाठ्य पुस्तक में दिये गये उन अध्यायों का वाचन करवाना, जो पाठ्यक्रम में निर्धारित न हों।	
AUGUST	25	<u>कृतिका</u> : 2. मेरे संग की औरतें 1. अपठित गद्यांश 2. अपठित काव्यांश पुनरावृत्ति	1. 'महिला सशक्तीकरण' विषय पर 120 शब्दों में अनुच्छेद लिखिए।
PORTION FOR PERIODIC TEST II/ HALF YEARLY EXAMS (III-XII): **PT II/HY (Third week of September)		<u>अपठित बोध</u> : 1. अपठित गद्यांश, 2. अपठित काव्यांश। <u>व्याकरण</u> : 1. (क) उपसर्ग-प्रत्यय, 1. (ख) समास, 2. अर्थ के आधार पर वाक्य-भेद, 3. अलंकार (अनुप्रास, यमक, उपमा, रूपक)। <u>क्षितिज</u> : 1. दो बैलों की कथा, 2. ल्हासा की ओर, 3. उपभोक्तावाद की संस्कृति, 4. साँवले सपनों की याद, 7. साखियाँ एवं सबद, 8. वाख, 9. सवैये, 10. कैदी और कोकिला। <u>कृतिका</u> : 1. इस जल प्रलय में, 2. मेरे संग की औरतें। <u>लेखन</u> : 1. अनुच्छेद, 2. पत्र - औपचारिक + अनौपचारिक, 3. लघुकथा + ई-मेल, 4. संवाद + सूचना।	
SEPTEMBER	25	<u>कृतिका</u> : 3. रीढ़ की हड्डी	1. 'लड़की होने के बावजूद उमा अपने अस्तित्व की रक्षा करने में सफल रहती है।' इस संदर्भ में आज की लड़कियों की स्थिति पर 120

			शब्दों में अनुच्छेद लिखिए।
OCTOBER	16	क्षितिज : 5. प्रेमचंद के फटे जूते 11. ग्रामश्री	1. 'प्रेमचंद शोषक वर्ग के प्रतिनिधि रचनाकार थे'- विषय पर 120 शब्दों में अनुच्छेद लिखिए। 2. भाव और भाषा की दृष्टि से 'ग्रामश्री' कविता आपको कैसी लगी? इस पर 120 शब्दों में अपने विचार लिखिए।
NOVEMBER	22	क्षितिज : 6. मेरे बचपन के दिन 12. मेघ आए 13. बच्चे काम पर जा रहे हैं	1. आपके मानस पटल पर अपने बचपन की उभरती किसी स्मृति को संस्मरण-शैली में 120 शब्दों में लिखिए। 2. कविता में चित्रित गाँव और वर्तमान गाँव के बीच तुलनात्मक अंतर प्रस्तुत करते हुए दादा-पोते के बीच हुए वार्तालाप को 100 शब्दों में संवाद के रूप में लिखिए। 3. 'बालश्रम : सभ्य समाज पर कलंक' विषय पर 120 शब्दों में अनुच्छेद लिखिए।
PORTION FOR THIRD PERIODIC TEST (PT-III; III-IX, XI) / FIRST PRE BOARD (X & XII) : **Last week of November/First week of December		व्याकरण : 1. (क) उपसर्ग-प्रत्यय, 1. (ख) समास, 2. अर्थ के आधार पर वाक्य-भेद, 3. अलंकार (अनुप्रास, यमक, उपमा, रूपक)। क्षितिज : 5. प्रेमचंद के फटे जूते, 11. ग्रामश्री, 12. मेघ आए। कृतिका : 3. रीढ़ की हड्डी। लेखन : 3. लघुकथा + ई-मेल, 4. संवाद + सूचना।	
DECEMBER	19	पुनरावृत्ति	
Internal Assessment (III-VII)/MOCK TEST -VIII, IX & XI/ SECOND PRE-BOARD (X & XII) ** First week of January Internal Assessment (III-VII) Term II ** LAST WEEK OF JANUARY-MOCK		मध्य सत्र और उत्तर मध्य सत्र में पढ़ाये गये समस्त पाठ्यक्रम	

TEST ** FIRST WEEK OF JANUARY – SECOND PRE BOARD			
JANUARY	26	पुनरावृत्ति	
FEBRUARY	24	पुनरावृत्ति	
PORTION FOR PERIODIC TEST IV (PT IV) / ANNUAL EXAMINATION – III TO IX & XI :(Third week of February)		मध्य सत्र और उत्तर मध्य सत्र में पढ़ाये गये समस्त पाठ्यक्रम	

NOTE: *Classes III- VIII, Internal Assessments and SEA need to be framed as per the guidelines of DAVCAE, DAVCMC.*

For classes IX and X, apart from SEA, the activities for multiple assessment need to be incorporated month wise.

For classes XI and XII, month wise split up of practical also need to be incorporated.

D.A.V. INSTITUTIONS, WEST BENGAL ZONE

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: IT

CLASS: IX

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<u>PART-A:</u> <ul style="list-style-type: none"> • Communication Skills-I <u>PART-B</u> <ul style="list-style-type: none"> • Introduction to IT- ITeS industry 	Data Entry & Keyboarding Skills (continue)
MAY	12	<u>PART-A:</u> <ul style="list-style-type: none"> • Self-Management Skills-I 	Data Entry & Keyboarding Skills. (completion)
JUNE	15	<u>PART-B:</u> <ul style="list-style-type: none"> • Digital Documentation 	Digital Documentation <ul style="list-style-type: none"> • Till - Apply Editing features
JULY	25	<u>PART-A:</u> <ul style="list-style-type: none"> • ICT Skills-I <u>PART-B</u> <ul style="list-style-type: none"> • Digital Documentation (continue) 	Digital Documentation <ul style="list-style-type: none"> • Till-Understand and apply mail merge
AUGUST	25	<u>PART-B</u> <ul style="list-style-type: none"> • Electronic Spreadsheet (Till - Apply formula and functions in spreadsheet) 	Electronic Spreadsheet <ul style="list-style-type: none"> • Till-Apply formula and functions in spreadsheet
SEPTEMBER	25	<u>PART-B</u> <ul style="list-style-type: none"> • Electronic Spreadsheet (Till - Apply formula and functions in spreadsheet) (continue) 	Electronic Spreadsheet <ul style="list-style-type: none"> • Till-Apply formula and functions in spreadsheet. (continue)
HALF YEARLY EXAMS (III-XII): **PT II/HY (Third week of September)		<u>PART-A:</u> <ul style="list-style-type: none"> • Communication Skills-I • Self-Management Skills-I • ICT Skills-I <u>PART-B</u> <ul style="list-style-type: none"> • Introduction to IT- ITeS industry • Digital Documentation • Electronic Spreadsheet (Till - Apply formula and functions in spreadsheet) 	
OCTOBER	16	<u>PART-B</u> <ul style="list-style-type: none"> • Electronic Spreadsheet (Till - Create and insert different types of charts in a spreadsheet) 	Electronic Spreadsheet <ul style="list-style-type: none"> • Spreadsheet • Till-Create and insert different types of charts in a spreadsheet

NOVEMBER	22	<u>PART-A</u> <ul style="list-style-type: none"> • Entrepreneurial Skills-I <u>PART-B</u> <ul style="list-style-type: none"> • Digital Presentation (till -Insert and format image in presentation) 	Digital Presentation
DECEMBER	19	<u>PART-A</u> <ul style="list-style-type: none"> • Green Skills-I <u>PART-B</u> <ul style="list-style-type: none"> • Digital Presentation (Till –last- Work with slide master) 	Digital Presentation
MOCK TEST -VIII, IX & XI ** LAST WEEK OF JANUARY-MOCK TEST		Full Syllabus	
JANUARY	26	Revision	Revision
FEBRUARY	24	Revision	Revision
ANNUAL EXAMINATION – III TO IX & XI :(Third week of February)		Full Syllabus	

DAV INSTITUTIONS, WEST BENGAL ZONE**SPLIT UP SYLLABUS FOR THE SESSION 2023-24****SUBJECT: MATHEMATICS****CLASS: IX**

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	1. Number Systems 2. Polynomials	To construct a square-root spiral.
MAY	12	2. Polynomials (Contd.) 6. Lines & Angles	To verify the algebraic identity: $(a + b + c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$.
JUNE	15	6. Lines & Angles (Contd.) 5. Introduction to Euclid's Geometry	
PORTION FOR FIRST PERIODIC TEST: **PT I (First week of July)		<ul style="list-style-type: none">● Number Systems● Polynomials● Lines & Angles● Introduction to Euclid's Geometry	
JULY	25	7. Triangles 3. Co-ordinate Geometry 12. Heron's Formula	To verify that the sum of the angles of a triangle is 180°.
SEA (IX) Term I: ** (First week of August.)		To verify that the sum of the angles of a triangle is 180°.	
AUGUST	25	4. Linear Equation in two variables 8. Quadrilaterals	To verify experimentally that the sum of the angles of a quadrilateral is 360°.
MID TERM EXAMINATIONS: ** Third week of September		<ul style="list-style-type: none">● Number Systems● Polynomials● Lines & Angles● Introduction to Euclid's Geometry● Triangles● Co-ordinate Geometry● Heron's Formula	

SEPTEMBER	25	10. Circles	To verify that the angle subtended by an arc of a circle at the centre is double the angle subtended by it at any point on the remaining part of the circle.
OCTOBER	16	10. Circles (Contd.)	To verify that the opposite angles of a cyclic quadrilateral are supplementary.
NOVEMBER	22	13. Surface areas and volumes	To find a formula for the curved surface area of a right circular cylinder, experimentally.
PORTION FOR 2ND PERIODIC TEST(PT-II) **Last week of November/First week of December		<ul style="list-style-type: none"> ● Linear Equation in two variables ● Quadrilaterals ● Circles ● Surface areas and volumes 	
DECEMBER	19	14. Statistics	
MOCK TEST -IX ** LAST WEEK OF JANUARY		<ul style="list-style-type: none"> ● Linear Equation in two variables ● Quadrilaterals ● Circles ● Surface areas and volumes ● Statistics ● Heron's Formula 	
JANUARY	26	REVISION	
FEBRUARY	24	REVISION	
ANNUAL TERM –IX: (Third week of February)		FULL SYLLABUS	

NOTE: For classes IX, apart from SEA, the activities for multiple assessment need to be incorporated month wise.

D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: SANSKRIT

CLASS: IX

MONTH	No of working days	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<p>* मणिका - प्रथमः पाठः = अविवेकः परमापदां पदम् ।</p> <p>* व्याकरणखण्डम्- उच्चारणस्थानानि सन्धिकार्यम् - <u>स्वरसन्धिः</u> - दीर्घः, गुणः, वृद्धिः, यण्, अयादि । <u>व्यञ्जनसन्धिः</u> - वर्गीयप्रथमवर्णस्य तृतीयवर्णे परिवर्तनम्। 'म्' स्थाने अनुस्वारः । <u>विसर्गसन्धिः</u> - विसर्गस्य उत्त्वम्, शत्वम्, षत्वम्, सत्वम् ।</p>	<p>भाषा सम्बर्धनार्थं गतिविधयः</p> <p>'वन्दना'- इति पद्यांशानां सस्वरं वाचनम्। "सहसा विदधित न क्रियाम्"- इति विषयस्योपरि सचित्रकथालेखनम् (कला-प्रपत्रे करिष्यन्ति)</p>
MAY	12	<p>* मणिका - द्वितीयः पाठः = पाथेयम् ।</p> <p>* व्याकरणखण्डम् = <u>शब्दरूपाणि</u> -</p> <p>➤ <u>पुँल्लिङ्गशब्दाः</u> - * अकारान्तः - बालकवत् * इकारान्तः - कविवत् * उकारान्तः - साधुवत्</p> <p>➤ <u>हलन्तः</u> - भवत्</p> <p>➤ <u>स्त्रीलिङ्गशब्दाः</u> - * अजन्ताः - आकारान्तः - लतावत् * ईकारान्तः - नदीवत्</p> <p>➤ <u>नपुंसकलिङ्गशब्दाः</u> - * अजन्ताः - अकारान्तः - फलवत्</p> <p>➤ <u>सर्वनामशब्दाः</u> - * अस्मद्, युष्मद्, तत्, किम्, (त्रिषु लिङ्गेषु)</p>	<p>संस्कृत-श्लोकोच्चारण-स्पर्धा (पाथेयम्) कक्षायां एकलं सामूहिकं वा सस्वरवाचनम्।</p>
JUNE	15	<p>* मणिका - तृतीयः पाठः = विजयतां स्वदेशः</p> <p>* व्याकरणखण्डम् = <u>धातुरूपाणि</u> -</p>	<p>स्वजन्मभूमेः महिमा - इति विषयस्य उपरि परियोजनाकार्यम् (सामूहिक-कार्यक्रमः)</p>

	<ul style="list-style-type: none"> ➤ परस्मैपदिनः - भू, नम्, गम्, अस्, प्रच्छ, कृ, जा, क्षाल्, नी (पञ्चलकारेषु) ➤ आत्मनेपदिनः - सेव्, लभ्, रुच् (लट्-लृट्लकारयोः) * अपठित-अवबोधनम् - एकः अपठितः गद्यांशः 	
<p>PORTION FOR FIRST PERIODIC TEST : **PT I (First week of July)</p>	<ul style="list-style-type: none"> ➤ अपठित-अवबोधनम् - एकः अपठितः गद्यांशः ➤ व्याकरणांशतः - ➤ उच्चारणस्थानानि, ➤ सन्धिकार्यम् - <ul style="list-style-type: none"> ➤ <u>स्वरसन्धिः</u> - दीर्घः, गुणः, वृद्धिः, यण्, अयादि ➤ <u>व्यञ्जनसन्धिः</u> - वर्गीयप्रथमवर्णस्य तृतीयवर्णं परिवर्तनम्, 'म्' स्थाने अनुस्वारः ➤ <u>विसर्गसन्धिः</u> - विसर्गस्य उत्त्वम्, विसर्गस्य शत्वम्, षत्वम्, सत्वम् ➤ शब्दरूपाणि- <ul style="list-style-type: none"> ➤ <u>पुँल्लिङ्गशब्दाः</u> - <ul style="list-style-type: none"> * अकारान्तः - बालकवत् * इकारान्तः - कविवत् * उकारान्तः - साधुवत् ➤ <u>हलन्तः</u> - भवत् ➤ <u>स्त्रीलिङ्गशब्दाः</u> - <ul style="list-style-type: none"> * अजन्ताः - आकारान्तः - लतावत् * ईकारान्तः - नदीवत् ➤ <u>नपुंसकलिङ्गशब्दाः</u> - <ul style="list-style-type: none"> * अजन्ताः - अकारान्तः - फलवत् ➤ <u>सर्वनामशब्दाः</u> - <ul style="list-style-type: none"> * अस्मद्, युष्मद्, तत्, किम्, (त्रिषु लिङ्गेषु) ➤ धातुरूपाणि- <ul style="list-style-type: none"> ➤ परस्मैपदिनः - भू, नम्, गम्, अस्, प्रच्छ, कृ, जा, क्षाल्, नी (पञ्चलकारेषु) ➤ आत्मनेपदिनः - सेव्, लभ्, रुच् (लट्-लृट्लकारयोः) ➤ मणिकातः - <ul style="list-style-type: none"> ➤ प्रथमः पाठः= अविवेकः परमापदां पदम् ➤ द्वितीयः पाठः= पाथेयम् ➤ तृतीयः पाठः = विजयतां स्वदेशः। 	

JULY	25	<p>* मणिका - चतुर्थः पाठः & पञ्चमः पाठः = विद्यया भान्ति सदगुणाः & कर्मणा याति संसिद्धिम्</p> <p>* व्याकरणखण्डम् =</p> <p><u>कारक-उपपद-विभक्तयः -</u></p> <ul style="list-style-type: none"> ➤ द्वितीया - समया/निकषा, प्रति, विना, परितः, उभयतः ➤ तृतीया - सह/समम्/सार्धम्, विना, अलम्, हीन ➤ चतुर्थी - रुच, दा(यच्छ), नमः, कुप्, अलम्(सामर्थ्ये) ➤ पञ्चमी - विना, बहिः, भी, रक्ष ➤ षष्ठी - उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः ➤ सप्तमी - स्निह, विश्वस्, निपुण, कुशल <p>* रचनात्मकार्यम् -</p> <ul style="list-style-type: none"> ➤ सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकम् पत्रलेखनम् (मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्ण पत्रं लेखनीयम्) ➤ अनुच्छेदलेखनम् चित्राधारितं वर्णनम् वा 	<p>*प्रथमपाठात् आरभ्य पञ्चमपाठपर्यन्तम् पर्यायवाचीशब्दानां विलोमशब्दानां च A4 कर्गदपत्रे चयनं सुलेखं च</p> <p>*विद्यया भान्ति सदगुणाः कर्मणा याति संसिद्धिम् वा- (कस्यचित् एकस्य विषयस्योपरि छात्राणां आशुभाषणम् भाषणम् वा प्रतियोगिता)</p>
SEA for Term I ** (First week of August.)		भाषा-संवर्धन-गतिविधिः (श्रवण-भाषण-लेखन-कौशलम्) (साहित्याधारितम् व्याकरणाधारितम् च)	
AUGUST	25	<ul style="list-style-type: none"> ➤ संवादपूर्तिः/ कथापूर्तिः (मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्णः संवादः / कथा लेखनीया) ➤ प्रत्ययाः - क्त्वा, तुमुन्, ल्यप्, शतृ ➤ संख्या - 1-100 (1-4 केवलं प्रथमा-विभक्तौ) ➤ अव्ययानि - <u>स्थानबोधकानि</u> - अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र <u>कालबोधकानि</u> - यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः <u>प्रश्नबोधकानि</u> - किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम् 	<p>*प्रश्नोत्तरी स्पर्धा - (छात्रशिक्षकयोः सम्प्रेषणम्)</p> <p>*छात्राणां पाठितपाठेभ्यः प्रश्नमञ्चस्य आयोजनम्।</p>

		<p><u>अन्यानि</u> - च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव</p> <p>➤ अपठित-अवबोधनस्य पुनः अभ्यासः</p>	
<p>PORTION FOR MID TERM : (Third week of September)</p>	<p>➤ अपठित-अवबोधनम् - एकः अपठितः गद्यांशः</p> <p>➤ रचनात्मककार्यम् -</p> <p>➤ सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकम् पत्रलेखनम्(मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्ण पत्रं लेखनीयम्)</p> <p>➤ अनुच्छेदलेखनम् चित्राधारितं वर्णनम् वा</p> <p>➤ संवादपूर्तिः / कथापूर्तिः (मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्णः संवादः / कथा लेखनीया)</p> <p>➤ व्याकरणांशतः -</p> <p>➤ उच्चारणस्थानानि,</p> <p>➤ सन्धिकार्यम् -</p> <p>➤ स्वरसन्धिः - दीर्घः, गुणः, वृद्धिः, यण्, अयादि ।</p> <p>➤ व्यञ्जनसन्धिः - वर्गीयप्रथमवर्णस्य तृतीयवर्णं परिवर्तनम्, 'म्' स्थाने अनुस्वारः ।</p> <p>➤ विसर्गसन्धिः - विसर्गस्य उत्त्वम्, विसर्गस्य शत्वम्, षत्वम्, सत्वम् ।</p> <p>➤ शब्दरूपाणि-</p> <p>➤ पुँल्लिङ्गशब्दाः -</p> <p>* अकारान्तः - बालकवत्</p> <p>* इकारान्तः - कविवत्</p> <p>* उकारान्तः - साधुवत्</p> <p>➤ हलन्तः - भवत्</p> <p>➤ स्त्रीलिङ्गशब्दाः -</p> <p>* अजन्ताः - आकारान्तः - लतावत्</p> <p>* ईकारान्तः - नदीवत्</p> <p>➤ नपुंसकलिङ्गशब्दाः -</p> <p>* अजन्ताः - अकारान्तः - फलवत्</p> <p>➤ सर्वनामशब्दाः -</p> <p>* अस्मद्, युष्मद्, तत्, किम्, (त्रिषु लिङ्गेषु)</p> <p>➤ धातुरूपाणि-</p> <p>➤ परस्मैपदिनः - भू, नम्, गम्, अस्, प्रच्छ्, कृ, जा, क्षाल्, नी (पञ्चलकारेषु)</p> <p>➤ आत्मनेपदिनः - सेव्, लभ्, रुच् (लट्-लृटलकारयोः)</p>		

		<ul style="list-style-type: none"> ➤ कारक-उपपद-विभक्तयः - ➤ द्वितीया - परितः, समया/निकषा, प्रति, विना, उभयतः ➤ तृतीया - सह/समम्/सार्धम्, विना, अलम्, हीन ➤ चतुर्थी - रुच्, दा(यच्छ), नमः, कुप्, अलम्(सामर्थ्ये) ➤ पञ्चमी - विना, बहिः, भी, रक्ष ➤ षष्ठी - उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः ➤ सप्तमी - स्निह, विश्वस्, निपुण, कुशल ➤ प्रत्ययाः - ➤ क्त्वा, तुमुन्, ल्यप्, शतृ । ➤ संख्या - ➤ 1-100 (1-4 केवलं प्रथमा-विभक्तौ) । ➤ अव्ययानि - ➤ 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 ➤ मणिकातः - ➤ प्रथमः पाठः = अविवेकः परमापदां पदम् ➤ द्वितीयः पाठः = पाथेयम् ➤ तृतीयः पाठः = विजयतां स्वदेशः ➤ चतुर्थः पाठः = विद्यया भान्ति सद्गुणाः ➤ पञ्चमः पाठः = कर्मणा याति संसिद्धिम् 	
SEPTEMBER	25	<ul style="list-style-type: none"> * मणिका - प्रथमसत्राय(MID TERM) = पुनरावृत्तिकार्यम् * व्याकरणखण्डम् = प्रथमसत्राय(MID TERM) पुनरावृत्तिकार्यम् * रचनात्मक-कार्याणां अपठित-अवबोधनकार्याणां अभ्यासः 	मौखिकी परीक्षा(मासस्य प्रारम्भे करणीया।
OCTOBER	16	<ul style="list-style-type: none"> * मणिका - ➤ षष्ठः पाठः - तत् त्वम् असि * व्याकरणखण्डम् = पुनरावृत्तिकार्यम् 	भित्तिपत्रिकायाः निर्माणम् (Poster making) (पाठ्यान्तर्गतात् बहिर्भागात् वा)
NOVEMBER	22	<ul style="list-style-type: none"> * मणिका - ➤ सप्तमः पाठः - तरवे नमोऽस्तु ➤ अष्टमः पाठः - न धर्मवृद्धेषु वयः समीक्ष्यते * व्याकरणखण्डम् = पुनरावृत्तिकार्यम् 	संस्कृत-गीतगायनस्पर्धा

PORTION FOR THIRD PERIODIC TEST
****Last week of November/First week of December**

- * **अपठित-अवबोधनम्** - एकः अपठितः गद्यांशः
- * **रचनात्मककार्यम्** -
 - सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकम् पत्रलेखनम्(मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्ण पत्रं लेखनीयम्)
 - अनुच्छेदलेखनम् चित्राधारितं वर्णनम् वा
 - संवादपूर्तिः / कथापूर्तिः (मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्णः संवादः / कथा लेखनीया)
- * **व्याकरणांशतः** -
 - **कारक-उपपद-विभक्तयः** -
 - द्वितीया - परितः, समया/निकषा, प्रति, विना, उभयतः
 - तृतीया - सह/समम्/सार्धम्, विना, अलम्, हीन
 - चतुर्थी - रुच्, दा(यच्छ), नमः, कुप्, अलम्(सामर्थ्ये)
 - पञ्चमी - विना, बहिः, भी, रक्ष
 - षष्ठी - उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः
 - सप्तमी - स्निह, विश्वस्, निपुण, कुशल
 - **प्रत्ययाः** -
 - क्त्वा, तुमुन्, ल्यप्, शतृ ।
 - **संख्या** -
 - 1-100 (1-4 केवलं प्रथमा-विभक्तौ) ।
 - **अव्ययानि** -
 - स्थानबोधकानि - अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र
 - कालबोधकानि - यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, हयः
 - प्रश्नबोधकानि - किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम्
 - अन्यानि - च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव
 - **मणिका-**
 - षष्ठः पाठः - तत् त्वम् असि
 - सप्तमः पाठः - तरवे नमोऽस्तु
 - अष्टमः पाठः - न धर्मवृद्धेषु वयः समीक्ष्यते

DECEMBER

19

- * **मणिका** -
 - नवमः पाठः - कवयामि वयामि यामि
 - दशमः पाठः - भारतीयं विज्ञानम् (केवलम् आन्तरिकमूल्याङ्कनाय)
- * **व्याकरणखण्डम् = पुनरावृत्तिकार्यम्**

MOCK TEST -
**** First week of January**

- **अपठित-अवबोधनम् -** एकः अपठितः गद्यांशः
- **रचनात्मककार्यम् -**
 - सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकम् पत्रलेखनम्(मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्ण पत्रं लेखनीयम्)
 - अनुच्छेदलेखनम् चित्राधारितं वर्णनम् वा
 - संवादपूर्तिः / कथापूर्तिः (मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्णः संवादः / कथा लेखनीया)
- **व्याकरणांशतः -**
 - **उच्चारणस्थानानि,**
 - **सन्धिकार्यम् -**
 - **स्वरसन्धिः -** दीर्घः, गुणः, वृद्धिः, यण्, अयादि ।
 - **व्यञ्जनसन्धिः -** वर्गीयप्रथमवर्णस्य तृतीयवर्णे परिवर्तनम्, 'म्' स्थाने अनुस्वारः ।
 - **विसर्गसन्धिः -** विसर्गस्य उत्त्वम्, विसर्गस्य शत्वम्, षत्वम्, सत्वम् ।
 - **शब्दरूपाणि-**
 - **पुँल्लिङ्गशब्दाः -**
 - * अकारान्तः - बालकवत्
 - * इकारान्तः - कविवत्
 - * उकारान्तः - साधुवत्
 - **हलन्तः -** भवत्
 - **स्त्रीलिङ्गशब्दाः -**
 - * अजन्ताः - आकारान्तः - लतावत्
 - * ईकारान्तः - नदीवत्
 - **नपुंसकलिङ्गशब्दाः -**
 - * अजन्ताः - अकारान्तः - फलवत्
 - **सर्वनामशब्दाः -**
 - * अस्मद्, युष्मद्, तत्, किम्, (त्रिषु लिङ्गेषु)
 - **धातुरूपाणि-**
 - **परस्मैपदिनः -** भू, नम्, गम्, अस्, प्रच्छ्, कृ, ज्ञा, क्षाल्, नी (पञ्चलकारेषु)
 - **आत्मनेपदिनः -** सेव्, लभ्, रुच् (लट्-लृटलकारयोः)
 - **कारक-उपपद-विभक्तयः -**
 - द्वितीया - परितः, समया/निकषा, प्रति, विना, उभयतः
 - तृतीया - सह/समम्/सार्धम्, विना, अलम्, हीन
 - चतुर्थी - रुच्, दा(यच्छ्), नमः, कुप्, अलम्(सामर्थ्ये)

		<ul style="list-style-type: none"> ➤ पञ्चमी - विना, बहिः, भी, रक्ष ➤ षष्ठी - उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः ➤ सप्तमी - स्निह, विश्वस्, निपुण, कुशल ➤ प्रत्ययाः - ➤ क्त्वा, तुमुन्, ल्यप्, शतृ । ➤ संख्या - ➤ 1-100 (1-4 केवलं प्रथमा-विभक्तौ) । ➤ अव्ययानि - ➤ 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 ➤ मणिकातः - ➤ प्रथमः पाठः = अविवेकः परमापदां पदम् ➤ द्वितीयः पाठः= पाथेयम् ➤ तृतीयः पाठः = विजयतां स्वदेशः ➤ चतुर्थः पाठः_विद्यया भान्ति सद्गुणाः ➤ पञ्चमः पाठः = कर्मणा याति संसिद्धिम् ➤ षष्ठः पाठः = तत् त्वम् असि ➤ सप्तमः पाठः = तरवे नमोऽस्तु ➤ अष्टमः पाठः = न धर्मवृद्धेषु वयः समीक्ष्यते ➤ नवमः पाठः = कवयामि वयामि यामि 	
JANUARY	26	<ul style="list-style-type: none"> * मणिका - (पुनरावृत्तिकार्यम्) <ul style="list-style-type: none"> ➤ एकादशः पाठः - भारतेनास्ति मे जीवनं जीवनम्(केवलम् आन्तरिकमूल्याङ्कनाय) * रचनात्मककार्यम् - (पुनरावृत्तिकार्यम्) * अपठित-अवबोधनम् <ul style="list-style-type: none"> ➤ पत्रलेखनम् ➤ चित्रवर्णनम्/अनुच्छेदलेखनम् ➤ संवादपूर्तिः/कथापूर्तिः * व्याकरणखण्डम् = पुनरावृत्तिकार्यम् 	संकेताधारितम् कथालेखनम् श्रुतलेखः च
FEBRUARY	24	<ul style="list-style-type: none"> * मणिका - (पुनरावृत्तिकार्यम्) * रचनात्मककार्यम् - (पुनरावृत्तिकार्यम्) * व्याकरणखण्डम् = पुनरावृत्तिकार्यम् 	

PORTION FOR ANNUAL EXAMINATION : (Third week of February)

- **अपठित-अवबोधनम्** - एकः अपठितः गद्यांशः
- **रचनात्मककार्यम्** -
 - सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकम् पत्रलेखनम्(मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्णं पत्रं लेखनीयम्)
 - अनुच्छेदलेखनम् चित्राधारितं वर्णनम् वा
 - संवादपूर्तिः/कथापूर्तिः (मञ्जूषायाः सहायतया रिक्तस्थान-पूर्तिमाध्यमेन पूर्णः संवादः / कथा लेखनीया)
- **व्याकरणांशतः** -
- **उच्चारणस्थानानि**,
 - सन्धिः-
 - स्वरसन्धिः - दीर्घः, गुणः, वृद्धिः, यण्, अयादि ।
 - व्यञ्जनसन्धिः - वर्गीयप्रथमवर्णस्य तृतीयवर्णपरिवर्तनम्। 'म्' स्थाने अनुस्वारः ।
 - विसर्गसन्धिः - विसर्गस्य उत्त्वम्, सत्वम्, शत्वम्, षत्वम् ।
- **शब्दरूपाणि-**
 - पुँल्लिङ्गशब्दाः - अकारान्तः - बालकवत्, इकारान्तः - कविवत्, उकारान्तः - साधुवत्
 - हलन्तः - भवत्
 - स्त्रीलिङ्गशब्दाः - आकारान्तः - लतावत् , ईकारान्तः - नदीवत्
 - नपुंसकलिङ्गशब्दाः - अकारान्तः - फलवत्
 - सर्वनामशब्दाः - अस्मद्, युष्मद्, तत्, किम् (त्रिषु लिङ्गेषु)
- **धातुरूपाणि-**
 - परस्मैपदिनः - भू, नम्, गम्, अस्, प्रच्छ्, कृ, ज्ञा, क्षाल्, नी, (पञ्चलकारेषु) ।
 - आत्मनेपदिनः - सेव्, लभ्, रुच् (लट्-लृटलकारयोः)
- **कारक-उपपद-विभक्तयः** -
 - द्वितीया - परितः, समया/निकषा, प्रति, विना, उभयतः
 - तृतीया - सह/समम्/सार्धम्, विना, अलम्, हीन
 - चतुर्थी - रुच्, दा(यच्छ्), नमः, कुप्, अलम्(सामर्थ्ये)
 - पञ्चमी - विना, बहिः, भी, रक्ष्
 - षष्ठी - उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः
 - सप्तमी - स्निह्, विश्वस्, निपुण, कुशल

- **प्रत्ययाः -**
 - क्त्वा, तुमुन्, ल्यप्, शत् ।
- **संख्या -**
 - 1-100 (1-4 केवलं प्रथमा-विभक्तौ) ।
- **अव्ययानि -**
 - 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
- **मणिकातः -**
 - प्रथमः पाठः - अविवेकः परमापदां पदम्
 - द्वितीयः पाठः - पाथेयम्
 - तृतीयः पाठः - विजयतां स्वदेशः
 - चतुर्थः पाठः - विद्यया भान्ति सद्गुणाः
 - पञ्चमः पाठः - कर्मणा याति संसिद्धिम्
 - षष्ठः पाठः - तत् त्वम् असि
 - सप्तमः पाठः - तरवे नमोऽस्तु
 - अष्टमः पाठः - न धर्मवृद्धेषु वयः समीक्ष्यते
 - नवमः पाठः - कवयामि वयामि यामि

D.A.V. INSTITUTIONS, WEST BENGAL ZONE.
SPLIT UP SYLLABUS FOR THE SESSION 2023-24
SUBJECT: SCIENCE **CLASS: IX**

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<p>PHYSICS <u>Ch-7 : Motion</u> 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.</p> <p>BIOLOGY <u>Ch- 5: The Fundamental unit of Life</u> Basic concept, Discovery, Cell Theory, Characteristics of cell (Shape, Size), Structure of Eukaryotic cell.</p> <p>CHEMISTRY <u>Ch-1:Matter in our surroundings</u> Definition of matter solid, liquid and gas</p>	<p>Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.</p> <p>Preparation of stained temporary mounts of (a) onion peel (b) human cheek cells and to record observations and draw their labeled diagrams.</p> <p>Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency filtration criterion and stability</p>
MAY	12	<p>PHYSICS <u>Ch-7: Motion</u> elementary idea of uniform circular motion.</p> <p>BIOLOGY <u>Ch- 5: The Fundamental unit of Life:</u> Structure of Eukaryotic cell (various parts of cell), Transport across the cell (Osmosis, Diffusion, Plasmolysis),</p> <p>CHEMISTRY <u>Ch-1:Matter in our surroundings</u> Solid, liquid and</p>	<p>Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.</p> <p>Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells and to record observations and draw their labeled diagrams.</p> <p>Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of</p>

		gas; characteristics - shape, volume, density; change of state-melting (absorption of heat), freezing, evaporation (cooling by evaporation).	soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency, filtration criterion and stability.
JUNE	15	<p>PHYSICS <u>Ch-8: Force and laws of motion</u> Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass.</p> <p>BIOLOGY <u>Ch- 5: The Fundamental unit of Life</u> nucleus, chromosomes - basic structure, number, structure of Prokaryotic cell, comparison between Prokaryotic cell and Eukaryotic cell, Plant cell and Animal cell. Cell division- mitosis and meiosis</p> <p>CHEMISTRY <u>Ch-1:Matter in our surroundings</u> condensation, sublimation. <u>Ch-2: Is matter around us pure?</u> Elements, compounds and mixtures. Heterogeneous and homogenous mixtures.</p>	<p>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.</p> <p>Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells and to record observations and draw their labeled diagrams.</p> <p>Preparation of of a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat.</p>
PORTION FOR FIRST PERIODIC TEST First week of July		<u>Ch-1:Matter in our surroundings</u> <u>Ch-7: Motion</u> <u>Ch-5: The Fundamental unit of Life</u>	

JULY	25	<p>PHYSICS <u>Ch-8: Force and laws of motion</u> Momentum, Force and Acceleration. <u>Ch-9 : Gravitation</u> Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; BIOLOGY- <u>Ch- 6: Tissues</u> Basic concept, Comparison between animal and plant tissues, meristematic and permanent tissues in plants CHEMISTRY <u>Ch-2: Is matter around us pure?</u> Colloids and suspensions</p>	<p>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</p> <p>Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants from prepared slides. Draw their labeled diagrams.</p> <p>Preparation of a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat</p>
Internal Assessment (SEA - 1) First week of August		Hands on practicals covered upto July.	
AUGUST	25	<p><u>Ch-9: Gravitation</u> Mass and Weight; Free fall. Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy. BIOLOGY <u>Ch- 6: Tissues</u> Structure and functions of animal tissues, Four types of animal tissues (Epithelial tissues, connective tissues, Muscular tissues and Nervous tissues) CHEMISTRY <u>Ch-2: Is matter around us pure?</u> Physical and chemical changes(excluding separating the components of a mixture).</p>	<p>Verification of the Laws of reflection of sound.</p> <p>Identification of striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.</p> <p>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</p>

		<p><u>Ch-3: Atoms and molecules</u> Atoms and molecules, Law of Chemical Combination</p>	<p>dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water.</p>
<p>PORTION FOR MID TERM Third week of September</p>		<p><u>Ch-1: Matter in our surroundings</u> <u>Ch-2: Is matter around us pure?</u> <u>Ch-5: The Fundamental unit of Life</u> <u>Ch- 6: Tissues</u> <u>Ch-7: Motion</u> <u>Ch-8: Force and laws of motion</u> <u>Ch-9: Gravitation (TILL FREE FALL)</u></p>	
<p>SEPTEMBER</p>	<p>25</p>	<p>PHYSICS <u>Ch-10: Work and Energy</u> Work done by a Force, Energy, power BIOLOGY Revision CHEMISTRY <u>Ch-3: Atoms and molecules</u> Chemical formula of common compounds</p>	<p>Verification of the Laws of reflection of sound.</p> <p>Determination of the melting point of ice and the boiling point of water</p>
<p>OCTOBER</p>	<p>16</p>	<p>PHYSICS <u>Ch-10: Work and Energy</u> Kinetic and Potential energy; Law of conservation of energy (excluding commercial unit of Energy). BIOLOGY <u>Ch-12 Improvement in food</u> <u>resources</u> Improvement in crop yields, Manures, fertilizers, CHEMISTRY <u>Ch-3: Atoms and molecules</u> Atomic and molecular masses <u>Ch-4: Structure of the atom</u> Electrons, protons and neutrons</p>	<p>Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).</p> <p>Determination of the melting point of ice and the boiling point of water.</p>
<p>NOVEMBER</p>	<p>22</p>	<p>PHYSICS <u>Ch-11: Sound</u> Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection</p>	<p>Determination of the speed of a pulse propagated through a stretched</p>

		<p>of sound; echo.</p> <p><u>BIOLOGY</u></p> <p><u>Ch-12 Improvement in food resources</u></p> <p>Irrigation, Cropping pattern, storage of grains, Animal Husbandry , Cattle farming, poultry farming</p> <p><u>CHEMISTRY</u></p> <p><u>Ch-4:Structure of the atom</u></p> <p>Valency, Atomic Number and Mass Number</p>	<p>string/slinky (helical spring).</p> <p>Verification of the law of conservation of mass in a chemical reaction.</p>
<p>PORTION FOR SECOND PERIODIC TEST</p> <p>Last week of November/First week of December</p>		<p><u>Ch-3: Atoms and molecules</u></p> <p><u>Ch-10:Work and Energy</u></p> <p><u>Ch-12 Improvement in food resources – upto storage of grains (NCERT 2023-2024 upto Page no. 146)</u></p>	
<p>DECEMBER 19</p>		<p>PHYSICS: Revision</p> <p><u>BIOLOGY</u></p> <p><u>Ch-12 Improvement in food resources</u></p> <p>Fish Production, Bee keeping</p> <p><u>CHEMISTRY</u></p> <p><u>Ch-4:Structure of the atom</u></p> <p>Isotopes and Isobars.</p>	
<p>Internal Assessment (SEA -2)</p> <p>First week of January</p>		<p>Hands on practicals covered upto December.</p>	
<p>MOCK TEST</p> <p>First week of January</p>		<p><u>Ch-1:Matter in our surroundings</u></p> <p><u>Ch-2: Is matter arround us pure?</u></p> <p><u>Ch-3: Atoms and molecules</u></p> <p><u>Ch-4:Structure of the atom</u></p> <p><u>Ch-5: The Fundamental unit of Life</u></p> <p><u>Ch- 6: Tissues</u></p> <p><u>Ch-7: Motion</u></p> <p><u>Ch-8: Force and laws of motion</u></p> <p><u>Ch-9: Gravitation</u></p> <p><u>Ch-10:Work and Energy</u></p>	

		<u>Ch-11: Sound</u> <u>Ch-12 Improvement in food resources</u>	
JANUARY	26	REVISION	
INTERNAL ASSESSMENT First week of January		PHYSICS: 1 Verification of the laws of reflection of sound. BIOLOGY: Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants from prepared slides. Draw their labeled diagrams. Identification of striped, smooth and cardiac muscle fibres and nerve cells in animal. Draw their labeled diagrams. CHEMISTRY: 1. Perform the following reactions and classify them as physical or chemical changes: <ol style="list-style-type: none"> 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. 2. Determination of the melting point of ice and the boiling point of water. 3. Verification of the law of conservation of mass in a chemical reaction.	
FEBRUARY	24	REVISION	
PORTION FOR ANNUAL EXAMINATION Third week of February		<u>Ch-1: Matter in our surroundings</u> <u>Ch-2: Is matter around us pure?</u> <u>Ch-3: Atoms and molecules</u> <u>Ch-4: Structure of the atom</u> <u>Ch-5 : The Fundamental unit of Life</u> <u>Ch-6 : Tissues</u> <u>Ch-7: Motion</u>	

Ch-8: Force and laws of motion

Ch-9: Gravitation

Ch-10: Work, Energy and Power

Ch-11: Sound

Ch-12 : Improvement in food resources